

OcNOS Version 7.0.0 SNMP Traps



Note: Each OcNOS SKU contains a set of supported features. For a list of available features based on the SKU that you purchased, refer to the OcNOS Feature Matrix .

MIB Module Name	Trap Name	Recommend Trap Severity	Clear Alarm/Trap Name	Clear Alarm Trap OID	Variables/Objects	Related Enums	OID	Trap Description	Trap Description > 255 Chars?	Event Description	Alert Names (MIB + OID)	Alarm Parent or Enterprise
IP-BFD-MIB	bfdSessDown	INFORMATIONAL	bfdSessUp	1.3.6.1.4.1.36673.1.0.1	bfdSessDiag bfdSessDiag	bfdSessDiag-mchFnctnFailed: 2 bfdSessDiag-reverseConcatenatedPathDown: 8 bfdSessDiag-concatenatedPathDown: 8 bfdSessDiag-administrativelyDown: 7 bfdSessDiag-neighborSignaledSessionDown: 3 bfdSessDiag-misConnectivityDefect: 9 bfdSessDiag-forwardingPlaneReset: 4 bfdSessDiag-controlDetectorTimeExpired: 1 bfdSessDiag-pathDown: 5 bfdSessDiag-noDiagnostic: 0 bfdSessDiag-mchFnctnFailed: 2 bfdSessDiag-reverseConcatenatedPathDown: 8 bfdSessDiag-concatenatedPathDown: 8 bfdSessDiag-administrativelyDown: 7 bfdSessDiag-neighborSignaledSessionDown: 3 bfdSessDiag-misConnectivityDefect: 9 bfdSessDiag-forwardingPlaneReset: 4 bfdSessDiag-controlDetectorTimeExpired: 1 bfdSessDiag-pathDown: 5 bfdSessDiag-noDiagnostic: 0	1.3.6.1.4.1.36673.1.0.2	This notification is generated when the bfdSessState object for one or more contiguous entries in bfdSessTable are about to enter the down(2) or adminDown(1) states from some other state. The included values of bfdSessDiag MUST both be set equal to the new state (i.e., down(2) or adminDown(1)). The two instances of bfdSessDiag in this notification indicate the range of indexes that are affected. Note that all the indexes of the two ends of the range can be derived from the instance identifiers of these two objects. For cases where a contiguous range of sessions have transitioned into the down(2) or adminDown(1) states at roughly the same time, the device SHOULD issue a single notification for each range of contiguous indexes in an effort to minimize the emission of a large number of notifications. If a notification has to be issued for just a single bfdSessEntry, then the instance identifier (and values) of the two bfdSessDiag objects MUST be identical.	Y	This notification is generated when the bfdSessState object for one or more contiguous entries in bfdSessTable are about to enter the down(2) or adminDown(1) states from some other state. The included values of bfdSessDiag MUST both be set equal to the new state (i.e., down(2) or adminDown(1)). The two instances of bfdSessDiag in this notification indicate the range of indexes that are affected. Note that all the indexes of the two ends of the range can be derived from the instance identifiers of these two objects. For cases where a contiguous range of sessions have transitioned into the down(2) or adminDown(1) states at roughly the same time, the device SHOULD issue a single notification for each range of contiguous indexes in an effort to minimize the emission of a large number of notifications. If a notification has to be issued for just a single bfdSessEntry, then the instance identifier (and values) of the two bfdSessDiag objects MUST be identical.	IP-BFD-MIB.1.3.6.1.4.1.36673.1.0.2	bfdNotifications
IP-BFD-MIB	bfdSessUp	INFORMATIONAL			bfdSessDiag bfdSessDiag	bfdSessDiag-mchFnctnFailed: 2 bfdSessDiag-reverseConcatenatedPathDown: 8 bfdSessDiag-concatenatedPathDown: 8 bfdSessDiag-administrativelyDown: 7 bfdSessDiag-neighborSignaledSessionDown: 3 bfdSessDiag-misConnectivityDefect: 9 bfdSessDiag-forwardingPlaneReset: 4 bfdSessDiag-controlDetectorTimeExpired: 1 bfdSessDiag-pathDown: 5 bfdSessDiag-noDiagnostic: 0 bfdSessDiag-mchFnctnFailed: 2 bfdSessDiag-reverseConcatenatedPathDown: 8 bfdSessDiag-concatenatedPathDown: 8 bfdSessDiag-administrativelyDown: 7 bfdSessDiag-neighborSignaledSessionDown: 3 bfdSessDiag-misConnectivityDefect: 9 bfdSessDiag-forwardingPlaneReset: 4 bfdSessDiag-controlDetectorTimeExpired: 1 bfdSessDiag-pathDown: 5 bfdSessDiag-noDiagnostic: 0	1.3.6.1.4.1.36673.1.0.1	This notification is generated when the bfdSessState object for one or more contiguous entries in bfdSessTable are about to enter the up(4) state from some other state. The included values of bfdSessDiag MUST both be set equal to this new state (i.e., up(4)). The two instances of bfdSessDiag in this notification indicate the range of indexes that are affected. Note that all the indexes of the two ends of the range can be derived from the instance identifiers of these two objects. For the cases where a contiguous range of sessions have transitioned into the up(4) state at roughly the same time, the device SHOULD issue a single notification for each range of contiguous indexes in an effort to minimize the emission of a large number of notifications. If a notification has to be issued for just a single bfdSessEntry, then the instance identifier (and values) of the two bfdSessDiag objects MUST be identical.	Y	This notification is generated when the bfdSessState object for one or more contiguous entries in bfdSessTable are about to enter the up(4) state from some other state. The included values of bfdSessDiag MUST both be set equal to this new state (i.e., up(4)). The two instances of bfdSessDiag in this notification indicate the range of indexes that are affected. Note that all the indexes of the two ends of the range can be derived from the instance identifiers of these two objects. For the cases where a contiguous range of sessions have transitioned into the up(4) state at roughly the same time, the device SHOULD issue a single notification for each range of contiguous indexes in an effort to minimize the emission of a large number of notifications. If a notification has to be issued for just a single bfdSessEntry, then the instance identifier (and values) of the two bfdSessDiag objects MUST be identical.	IP-BFD-MIB.1.3.6.1.4.1.36673.1.0.1	bfdNotifications
OSPFV3-MIB	ospfV3VtrRstRstHlperStatusChange	WARNING			ospfV3RouterId ospfV3VtrRstRstHlperStatus ospfV3VtrRstRstHlperAge ospfV3VtrRstRstHlperExRReason	ospfV3VtrRstRstHlperStatus=helping: 1 ospfV3VtrRstRstHlperStatus=helping: 2 ospfV3VtrRstRstHlperExRReason=progress: 2 ospfV3VtrRstRstHlperExRReason=none: 1 ospfV3VtrRstRstHlperExRReason=timeOut: 4 ospfV3VtrRstRstHlperExRReason=topologyChanged: 5 ospfV3VtrRstRstHlperExRReason=completed: 3	1.3.6.1.2.1.191.0.14	An ospfV3VtrRstRstHlperStatusChange notification signifies that there has been a change in the graceful restart helper state for the virtual neighbor. This notification should be generated when the virtual neighbor restart helper status transitions for a virtual neighbor.	Y	An ospfV3VtrRstRstHlperStatusChange notification signifies that there has been a change in the graceful restart helper state for the virtual neighbor. This notification should be generated when the virtual neighbor restart helper status transitions for a virtual neighbor.	OSPFV3-MIB.1.3.6.1.2.1.191.0.14	ospfV3Notifications
OSPFV3-MIB	ospfV3LsdbApproachingOverflow	WARNING			ospfV3RouterId ospfV3AdvResLsdbLimit		1.3.6.1.2.1.191.0.9	An ospfV3LsdbApproachingOverflow notification signifies that the number of LSAs in the routers link state database has exceeded ninety percent of ospfV3AdvResLsdbLimit.		An ospfV3LsdbApproachingOverflow notification signifies that the number of LSAs in the routers link state database has exceeded ninety percent of ospfV3AdvResLsdbLimit.	OSPFV3-MIB.1.3.6.1.2.1.191.0.9	ospfV3Notifications
OSPFV3-MIB	ospfV3NbrStateChange	INFORMATIONAL			ospfV3RouterId ospfV3NbrState	ospfV3NbrState=loading: 7 ospfV3NbrState=down: 4 ospfV3NbrState=attempt: 2 ospfV3NbrState=exchangeStart: 5 ospfV3NbrState=down: 1 ospfV3NbrState=full: 8 ospfV3NbrState=exchange: 6 ospfV3NbrState=init: 3	1.3.6.1.2.1.191.0.2	An ospfV3NbrStateChange notification signifies that there has been a change in the state of a non-virtual OSPFv3 neighbor. This notification should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full). When a neighbor transitions from or to Full on non-broadcast multi-access and broadcast networks, the notification should be generated by the Designated Router. A Designated Router transitioning to Down will be noted by ospfV3StateChange.	Y	An ospfV3NbrStateChange notification signifies that there has been a change in the state of a non-virtual OSPFv3 neighbor. This notification should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full). When a neighbor transitions from or to Full on non-broadcast multi-access and broadcast networks, the notification should be generated by the Designated Router. A Designated Router transitioning to Down will be noted by ospfV3StateChange.	OSPFV3-MIB.1.3.6.1.2.1.191.0.2	ospfV3Notifications
OSPFV3-MIB	ospfV3NbrRestartHelperStatusChange	WARNING			ospfV3RouterId ospfV3NbrRestartHelperStatus ospfV3NbrRestartHelperAge ospfV3NbrRestartHelperExRReason	ospfV3NbrRestartHelperStatus=notHelping: 1 ospfV3NbrRestartHelperStatus=helping: 2 ospfV3NbrRestartHelperExRReason=progress: 2 ospfV3NbrRestartHelperExRReason=none: 1 ospfV3NbrRestartHelperExRReason=timeOut: 4 ospfV3NbrRestartHelperExRReason=topologyChanged: 5 ospfV3NbrRestartHelperExRReason=completed: 3	1.3.6.1.2.1.191.0.13	An ospfV3NbrRestartHelperStatusChange notification signifies that there has been a change in the graceful restart helper state for the neighbor. This notification should be generated when the neighbor restart helper status transitions for a neighbor.		An ospfV3NbrRestartHelperStatusChange notification signifies that there has been a change in the graceful restart helper state for the neighbor. This notification should be generated when the neighbor restart helper status transitions for a neighbor.	OSPFV3-MIB.1.3.6.1.2.1.191.0.13	ospfV3Notifications
OSPFV3-MIB	ospfV3IRBdbRbPacket	WARNING			ospfV3RouterId ospfV3IRBdbRbPacket ospfV3IRBdbRbPacketType	ospfV3IRBdbRbPacket=designatedRouter: 7 ospfV3IRBdbRbPacket=designatedRouter: 6 ospfV3IRBdbRbPacket=waiting: 3 ospfV3IRBdbRbPacket=pointToPoint: 4 ospfV3IRBdbRbPacket=down: 1 ospfV3IRBdbRbPacket=backUp: 2 ospfV3IRBdbRbPacket=designatedRouter: 5 ospfV3IRBdbRbPacket=multiPacket: 6 ospfV3IRBdbRbPacket=multiPacket: 1 ospfV3IRBdbRbPacket=multiPacket: 2 ospfV3IRBdbRbPacket=multiPacket: 5 ospfV3IRBdbRbPacket=multiPacket: 4	1.3.6.1.2.1.191.0.6	An ospfV3IRBdbRbPacket notification signifies that an OSPFv3 packet that cannot be parsed has been received on a non-virtual interface.		An ospfV3IRBdbRbPacket notification signifies that an OSPFv3 packet that cannot be parsed has been received on a non-virtual interface.	OSPFV3-MIB.1.3.6.1.2.1.191.0.6	ospfV3Notifications
OSPFV3-MIB	ospfV3NssaTranslatorStatusChange	WARNING			ospfV3RouterId ospfV3NssaTranslatorState	ospfV3NssaTranslatorState=disabled: 3 ospfV3NssaTranslatorState=enabled: 2 ospfV3NssaTranslatorState=enabled: 1	1.3.6.1.2.1.191.0.11	An ospfV3NssaTranslatorStatusChange notification indicates that there has been a change in the routers ability to translate OSPFv3 NSSA LSAs into OSPFv3 External LSAs. This notification should be generated when the Translator Status transitions from or to any defined status on a per-area basis.	Y	An ospfV3NssaTranslatorStatusChange notification indicates that there has been a change in the routers ability to translate OSPFv3 NSSA LSAs into OSPFv3 External LSAs. This notification should be generated when the Translator Status transitions from or to any defined status on a per-area basis.	OSPFV3-MIB.1.3.6.1.2.1.191.0.11	ospfV3Notifications
OSPFV3-MIB	ospfV3ConfigError	INFORMATIONAL			ospfV3RouterId ospfV3IRBdbRbPacket ospfV3ConfigErrorType ospfV3PacketType	ospfV3IRBdbRbPacket=designatedRouter: 7 ospfV3IRBdbRbPacket=designatedRouter: 6 ospfV3IRBdbRbPacket=waiting: 3 ospfV3IRBdbRbPacket=pointToPoint: 4 ospfV3IRBdbRbPacket=down: 1 ospfV3IRBdbRbPacket=backUp: 2 ospfV3IRBdbRbPacket=designatedRouter: 5 ospfV3IRBdbRbPacket=multiPacket: 6 ospfV3IRBdbRbPacket=multiPacket: 1 ospfV3IRBdbRbPacket=multiPacket: 2 ospfV3IRBdbRbPacket=multiPacket: 5 ospfV3IRBdbRbPacket=multiPacket: 4	1.3.6.1.2.1.191.0.4	An ospfV3ConfigError notification signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with the routers configuration parameters. Note that the event ospfV3ConfigError should cause a notification only if it prevents an adjacency from forming.	Y	An ospfV3ConfigError notification signifies that a packet has been received on a non-virtual interface from a router whose configuration parameters conflict with the routers configuration parameters. Note that the event ospfV3ConfigError should cause a notification only if it prevents an adjacency from forming.	OSPFV3-MIB.1.3.6.1.2.1.191.0.4	ospfV3Notifications
OSPFV3-MIB	ospfV3VirtStateChange	WARNING			ospfV3RouterId ospfV3VirtState	ospfV3VirtState=pointToPoint: 4 ospfV3VirtState=down: 1	1.3.6.1.2.1.191.0.1	An ospfV3VirtStateChange notification signifies that there has been a change in the state of an OSPFv3 virtual interface. This notification should be generated when the interface state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	Y	An ospfV3VirtStateChange notification signifies that there has been a change in the state of an OSPFv3 virtual interface. This notification should be generated when the interface state regresses (e.g., goes from Point-to-Point to Down) or progresses to a terminal state (i.e., Point-to-Point).	OSPFV3-MIB.1.3.6.1.2.1.191.0.1	ospfV3Notifications
OSPFV3-MIB	ospfV3RstRstStatusChange	WARNING			ospfV3RouterId ospfV3RstRstStatus ospfV3RstRstStatusReason	ospfV3RstRstStatus=notRestarting: 1 ospfV3RstRstStatus=helping: 2 ospfV3RstRstStatus=helping: 3 ospfV3RstRstStatus=helping: 4 ospfV3RstRstStatus=helping: 5 ospfV3RstRstStatus=helping: 6 ospfV3RstRstStatus=helping: 7 ospfV3RstRstStatus=helping: 8 ospfV3RstRstStatus=helping: 9 ospfV3RstRstStatus=helping: 10 ospfV3RstRstStatus=helping: 11 ospfV3RstRstStatus=helping: 12 ospfV3RstRstStatus=helping: 13 ospfV3RstRstStatus=helping: 14 ospfV3RstRstStatus=helping: 15 ospfV3RstRstStatus=helping: 16 ospfV3RstRstStatus=helping: 17 ospfV3RstRstStatus=helping: 18 ospfV3RstRstStatus=helping: 19 ospfV3RstRstStatus=helping: 20 ospfV3RstRstStatus=helping: 21 ospfV3RstRstStatus=helping: 22 ospfV3RstRstStatus=helping: 23 ospfV3RstRstStatus=helping: 24 ospfV3RstRstStatus=helping: 25 ospfV3RstRstStatus=helping: 26 ospfV3RstRstStatus=helping: 27 ospfV3RstRstStatus=helping: 28 ospfV3RstRstStatus=helping: 29 ospfV3RstRstStatus=helping: 30 ospfV3RstRstStatus=helping: 31 ospfV3RstRstStatus=helping: 32 ospfV3RstRstStatus=helping: 33 ospfV3RstRstStatus=helping: 34 ospfV3RstRstStatus=helping: 35 ospfV3RstRstStatus=helping: 36 ospfV3RstRstStatus=helping: 37 ospfV3RstRstStatus=helping: 38 ospfV3RstRstStatus=helping: 39 ospfV3RstRstStatus=helping: 40 ospfV3RstRstStatus=helping: 41 ospfV3RstRstStatus=helping: 42 ospfV3RstRstStatus=helping: 43 ospfV3RstRstStatus=helping: 44 ospfV3RstRstStatus=helping: 45 ospfV3RstRstStatus=helping: 46 ospfV3RstRstStatus=helping: 47 ospfV3RstRstStatus=helping: 48 ospfV3RstRstStatus=helping: 49 ospfV3RstRstStatus=helping: 50 ospfV3RstRstStatus=helping: 51 ospfV3RstRstStatus=helping: 52 ospfV3RstRstStatus=helping: 53 ospfV3RstRstStatus=helping: 54 ospfV3RstRstStatus=helping: 55 ospfV3RstRstStatus=helping: 56 ospfV3RstRstStatus=helping: 57 ospfV3RstRstStatus=helping: 58 ospfV3RstRstStatus=helping: 59 ospfV3RstRstStatus=helping: 60 ospfV3RstRstStatus=helping: 61 ospfV3RstRstStatus=helping: 62 ospfV3RstRstStatus=helping: 63 ospfV3RstRstStatus=helping: 64 ospfV3RstRstStatus=helping: 65 ospfV3RstRstStatus=helping: 66 ospfV3RstRstStatus=helping: 67 ospfV3RstRstStatus=helping: 68 ospfV3RstRstStatus=helping: 69 ospfV3RstRstStatus=helping: 70 ospfV3RstRstStatus=helping: 71 ospfV3RstRstStatus=helping: 72 ospfV3RstRstStatus=helping: 73 ospfV3RstRstStatus=helping: 74 ospfV3RstRstStatus=helping: 75 ospfV3RstRstStatus=helping: 76 ospfV3RstRstStatus=helping: 77 ospfV3RstRstStatus=helping: 78 ospfV3RstRstStatus=helping: 79 ospfV3RstRstStatus=helping: 80 ospfV3RstRstStatus=helping: 81 ospfV3RstRstStatus=helping: 82 ospfV3RstRstStatus=helping: 83 ospfV3RstRstStatus=helping: 84 ospfV3RstRstStatus=helping: 85 ospfV3RstRstStatus=helping: 86 ospfV3RstRstStatus=helping: 87 ospfV3RstRstStatus=helping: 88 ospfV3RstRstStatus=helping: 89 ospfV3RstRstStatus=helping: 90 ospfV3RstRstStatus=helping: 91 ospfV3RstRstStatus=helping: 92 ospfV3RstRstStatus=helping: 93 ospfV3RstRstStatus=helping: 94 ospfV3RstRstStatus=helping: 95 ospfV3RstRstStatus=helping: 96 ospfV3RstRstStatus=helping: 97 ospfV3RstRstStatus=helping: 98 ospfV3RstRstStatus=helping: 99 ospfV3RstRstStatus=helping: 100	1.3.6.1.2.1.191.0.12	An ospfV3RstRstStatusChange notification signifies that there has been a change in the graceful restart state for the router. This notification should be generated when the router restart status changes.		An ospfV3RstRstStatusChange notification signifies that there has been a change in the graceful restart state for the router. This notification should be generated when the router restart status changes.	OSPFV3-MIB.1.3.6.1.2.1.191.0.12	ospfV3Notifications
OSPFV3-MIB	ospfV3VirtConfigError	WARNING			ospfV3RouterId ospfV3VirtState ospfV3ConfigErrorType ospfV3PacketType	ospfV3IRBdbRbPacket=designatedRouter: 7 ospfV3IRBdbRbPacket=designatedRouter: 6 ospfV3IRBdbRbPacket=waiting: 3 ospfV3IRBdbRbPacket=pointToPoint: 4 ospfV3IRBdbRbPacket=down: 1 ospfV3IRBdbRbPacket=backUp: 2 ospfV3IRBdbRbPacket=designatedRouter: 5 ospfV3IRBdbRbPacket=multiPacket: 6 ospfV3IRBdbRbPacket=multiPacket: 1 ospfV3IRBdbRbPacket=multiPacket: 2 ospfV3IRBdbRbPacket=multiPacket: 5 ospfV3IRBdbRbPacket=multiPacket: 4	1.3.6.1.2.1.191.0.5	An ospfV3VirtConfigError notification signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with the routers configuration parameters. Note that the event ospfV3ConfigError should cause a notification only if it prevents an adjacency from forming.	Y	An ospfV3VirtConfigError notification signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with the routers configuration parameters. Note that the event ospfV3ConfigError should cause a notification only if it prevents an adjacency from forming.	OSPFV3-MIB.1.3.6.1.2.1.191.0.5	ospfV3Notifications
OSPFV3-MIB	ospfV3VtrNbrStateChange	INFORMATIONAL			ospfV3RouterId ospfV3VtrNbrState	ospfV3VtrNbrState=loading: 7 ospfV3VtrNbrState=down: 4 ospfV3VtrNbrState=attempt: 2 ospfV3VtrNbrState=exchangeStart: 5 ospfV3VtrNbrState=down: 1 ospfV3VtrNbrState=full: 8 ospfV3VtrNbrState=exchange: 6 ospfV3VtrNbrState=init: 3	1.3.6.1.2.1.191.0.3	An ospfV3VtrNbrStateChange notification signifies that there has been a change in the state of an OSPFv3 virtual neighbor. This notification should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	Y	An ospfV3VtrNbrStateChange notification signifies that there has been a change in the state of an OSPFv3 virtual neighbor. This notification should be generated when the neighbor state regresses (e.g., goes from Attempt or Full to 1-Way or Down) or progresses to a terminal state (e.g., 2-Way or Full).	OSPFV3-MIB.1.3.6.1.2.1.191.0.3	ospfV3Notifications
OSPFV3-MIB	ospfV3IRBdbRbPacket	INFORMATIONAL			ospfV3RouterId ospfV3IRBdbRbPacket ospfV3IRBdbRbPacketType	ospfV3IRBdbRbPacket=designatedRouter: 7 ospfV3IRBdbRbPacket=designatedRouter: 6 ospfV3IRBdbRbPacket=waiting: 3 ospfV3IRBdbRbPacket=pointToPoint: 4 ospfV3IRBdbRbPacket=down: 1 ospfV3IRBdbRbPacket=backUp: 2 ospfV3IRBdbRbPacket=designatedRouter: 5 ospfV3IRBdbRbPacket=multiPacket: 6 ospfV3IRBdbRbPacket=multiPacket: 1 ospfV3IRBdbRbPacket=multiPacket: 2 ospfV3IRBdbRbPacket=multiPacket: 5 ospfV3IRBdbRbPacket=multiPacket: 4	1.3.6.1.2.1.191.0.7	An ospfV3IRBdbRbPacket notification signifies that an OSPFv3 packet that cannot be parsed has been received on a virtual interface.		An ospfV3IRBdbRbPacket notification signifies that an OSPFv3 packet that cannot be parsed has been received on a virtual interface.	OSPFV3-MIB.1.3.6.1.2.1.191.0.7	ospfV3Notifications
OSPFV3-MIB	ospfV3IRBdbRbPacket	WARNING			ospfV3RouterId ospfV3IRBdbRbPacket ospfV3IRBdbRbPacketType	ospfV3IRBdbRbPacket=designatedRouter: 7 ospfV3IRBdbRbPacket=designatedRouter: 6 ospfV3IRBdbRbPacket=waiting: 3 ospfV3IRBdbRbPacket=pointToPoint: 4 ospfV3IRBdbRbPacket=down: 1 ospfV3IRBdbRbPacket=backUp: 2 ospfV3IRBdbRbPacket=designatedRouter: 5 ospfV3IRBdbRbPacket=multiPacket: 6 ospfV3IRBdbRbPacket=multiPacket: 1 ospfV3IRBdbRbPacket=multiPacket: 2 ospfV3IRBdbRbPacket=multiPacket: 5 ospfV3IRBdbRbPacket=multiPacket: 4	1.3.6.1.2.1.191.0.10	An ospfV3IRBdbRbPacket notification signifies that there has been a change in the state of a non-virtual OSPFv3 interface. This notification should be generated when the interface state regresses (e.g., goes from DR to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, DR or Backup).	Y	An ospfV3IRBdbRbPacket notification signifies that there has been a change in the state of a non-virtual OSPFv3 interface. This notification should be generated when the interface state regresses (e.g., goes from DR to Down) or progresses to a terminal state (i.e., Point-to-Point, DR Other, DR or Backup).	OSPFV3-MIB.1.3.6.1.2.1.191.0.10	ospfV3Notifications
OSPFV3-MIB	ospfV3LsdbOverflow	WARNING			ospfV3RouterId ospfV3AdvResLsdbLimit		1.3.6.1.2.1.191.0.8	An ospfV3LsdbOverflow notification signifies that the number of LSAs in the routers link state database has exceeded ospfV3AdvResLsdbLimit.		An ospfV3LsdbOverflow notification signifies that the number of LSAs in the routers link state database has exceeded ospfV3AdvResLsdbLimit.	OSPFV3-MIB.1.3.6.1.2.1.191.0.8	ospfV3Notifications
LLDP-V2-MIB	l2pV2StatRemTablesChange	INFORMATIONAL			l2pV2StatRemTablesInserts l2pV2StatRemTablesDeletes l2pV2StatRemTablesDrops l2pV2StatRemTablesAgeouts		1.3.111.2.802.1.1.13.0.0.1	A l2pV2StatRemTablesChange notification is sent when the value of l2pV2StatRemTablesLastChangeTime changes. It can be utilized by an NMS to trigger LLDP remote systems table maintenance jobs. Note that transmission of l2pV2StatRemTablesChange notifications are enabled by the agent, as specified by the l2pV2StatRemTablesChange object.	Y	A l2pV2StatRemTablesChange notification is sent when the value of l2pV2StatRemTablesLastChangeTime changes. It can be utilized by an NMS to trigger LLDP remote systems table maintenance jobs. Note that transmission of l2pV2StatRemTablesChange notifications are enabled by the agent, as specified by the l2pV2StatRemTablesChange object.	LLDP-V2-MIB.1.3.111.2.802.1.1.13.0.0.1	l2pV2NotificationPrefix

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OcNOS Version 7.0.0 SNMP Traps



Note: Each OcNOS SKU contains a set of supported features. For a list of available features based on the SKU that you purchased, refer to the OcNOS Feature Matrix .

MIB Module Name	Trap Name	Recommend Trap Severity	Clear Alarm/Trap Name	Clear Alarm Trap OID	Variables/Objects	Related Enums	OID	Trap Description	Trap Description > 255 Chars?	Event Description	Alert Names (MIB + OID)	Alarm Parent or Enterprise
IP-CUSTOMIF-STATS-MIB	ISlurmControlDiscardStopTrap	INFORMATIONAL	ISlurmControlDiscardStopTrap	1.3.6.1.4.1.36673.103.3.4.2	<div>#Index #SlurmCtlBcastEnable: false #SlurmCtlMcastEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false</div>	<div>#SlurmCtlBcastEnable: false #SlurmCtlMcastEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false</div>	1.3.6.1.4.1.36673.103.3.4.2	Trap to send Slurm control rate-limit discards stop notification on interface.		Trap to send Slurm control rate-limit discards stop notification on interface. #Index<-ifIndex> #SlurmCtlBcastEnable: false #SlurmCtlMcastEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.4.2	customStormNotification
IP-CUSTOMIF-STATS-MIB	IFPCPauseRecdTrap	WARNING	N/A		<div>#Index<-queueId> #QueuePCPauseRecdPkts</div>		1.3.6.1.4.1.36673.103.3.1.13	Trap to send information containing PFC Pause Frames Received statistics per interface per queue.		Trap to send information containing PFC Pause Frames Received statistics per interface per queue. #Index<-ifIndex> #QueueId<-queueId> #QueuePCPauseRecdPkts<-QueuePCPauseRecdPkts>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.13	customTraps
IP-CUSTOMIF-STATS-MIB	IBandwidthCloseAlarm	WARNING			<div>#Index<-ifIndex> #CurBandwidth</div>		1.3.6.1.4.1.36673.103.3.5.4	Trap to send when interface bandwidth is 0		Trap to send when interface bandwidth is 0 #Index<-ifIndex> #CurBandwidth<-CurBandwidth>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.5.4	customStateNotification
IP-CUSTOMIF-STATS-MIB	ITxSpeedHigh	WARNING	ITxSpeedRecovery	1.3.6.1.4.1.36673.103.3.3.6	<div>#Index<-ifIndex> #TxAvgRatePercent #TxCurrentAvgSpeed</div>		1.3.6.1.4.1.36673.103.3.3.5	Trap to send information when current average Tx speed on the interface crossed speed warning threshold.		Trap to send information when current average Tx speed on the interface crossed speed warning threshold. #Index<-ifIndex> #TxAvgRatePercent<-TxAvgRatePercent> #TxCurrentAvgSpeed<-TxCurrentAvgSpeed>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.3.5	customSpeedMitTraps
IP-CUSTOMIF-STATS-MIB	ITxSpeedMax	WARNING	ITxSpeedRecovery	1.3.6.1.4.1.36673.103.3.3.6	<div>#Index<-ifIndex> #TxCurrentAvgSpeed</div>		1.3.6.1.4.1.36673.103.3.3.4	Trap to send information when current average Tx speed on the interface reached maximum.		Trap to send information when current average Tx speed on the interface reached maximum. #Index<-ifIndex> #TxCurrentAvgSpeed<-TxCurrentAvgSpeed>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.3.4	customSpeedMitTraps
IP-CUSTOMIF-STATS-MIB	cpuQueueFull	CRITICAL	cpuQueueRecovery	1.3.6.1.4.1.36673.103.3.2.3	<div>cpuQueueName cpuTxRatePercent cpuTxPps cpuTxDroppedPktsLastIncrement cpuTxDroppedPktsLastIncrementTime</div>		1.3.6.1.4.1.36673.103.3.2.1	Trap to send information when CPU queue is full.		Trap to send information when CPU queue is full. cpuQueueName<-cpuQueueName> cpuTxRatePercent<-cpuTxRatePercent> cpuTxPps<-cpuTxPps> cpuTxDroppedPktsLastIncrement<-cpuTxDroppedPktsLastIncrement> cpuTxDroppedPktsLastIncrementTime<-cpuTxDroppedPktsLastIncrementTime>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.2.1	cpuQueueNotifications
IP-CUSTOMIF-STATS-MIB	IECNMarkedTrap	WARNING	N/A		<div>#Index<-ifIndex> #QueueECNMarkedPkts</div>		1.3.6.1.4.1.36673.103.3.1.14	Trap to send information containing ECN Marked Packet statistics per interface.		Trap to send information containing ECN Marked Packet statistics per interface. #Index<-ifIndex> #QueueECNMarkedPkts<-QueueECNMarkedPkts>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.14	customTraps
IP-CUSTOMIF-STATS-MIB	cpuOversizeErrorPktsTrap	CRITICAL			<div>#Index<-ifIndex> #RxOversizeLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.9	Trap to send information for oversize error packets received on the CPU.		Trap to send information for oversize error packets received on the CPU. #Index<-ifIndex> #RxOversizeLastIncrement<-RxOversizeLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.9	customTraps
IP-CUSTOMIF-STATS-MIB	ICRCErrorPktsTrap	MAJOR			<div>#Index<-ifIndex> #RxRCLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.1	Trap to send information for CRC error packets received on the interface.		Trap to send information for CRC error packets received on the interface. #Index<-ifIndex> #RxRCLastIncrement<-RxRCLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.1	customTraps
IP-CUSTOMIF-STATS-MIB	IBandwidthShaperNotification	INFORMATIONAL			<div>#Index<-ifIndex> #CurBandwidth</div>		1.3.6.1.4.1.36673.103.3.5.1	Trap to send when interface shaper is open		Trap to send when interface shaper is open #Index<-ifIndex> #CurBandwidth<-CurBandwidth>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.5.1	customStateNotification
IP-CUSTOMIF-STATS-MIB	ISlurmControlDiscardStartTrap	INFORMATIONAL	ISlurmControlDiscardStopTrap	1.3.6.1.4.1.36673.103.3.4.2	<div>#Index #SlurmCtlBcastEnable: false #SlurmCtlMcastEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false</div>	<div>#SlurmCtlBcastEnable: false #SlurmCtlMcastEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false</div>	1.3.6.1.4.1.36673.103.3.4.1	Trap to send Slurm control rate-limit discards start notification on interface.		Trap to send Slurm control rate-limit discards start notification on interface. #Index<-ifIndex> #SlurmCtlBcastEnable: false #SlurmCtlMcastEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false #SlurmCtlDLFEnable: false	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.4.1	customStormNotification
IP-CUSTOMIF-STATS-MIB	IFragmentErrorPktsTrap	MAJOR			<div>#Index<-ifIndex> #RxFragmentLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.4	Trap to send information for fragment error packets received on the interface.		Trap to send information for fragment error packets received on the interface. #Index<-ifIndex> #RxFragmentLastIncrement<-RxFragmentLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.4	customTraps
IP-CUSTOMIF-STATS-MIB	IFPCPauseSentTrap	WARNING	N/A		<div>#Index<-queueId> #QueuePCPauseSentPkts</div>		1.3.6.1.4.1.36673.103.3.1.12	Trap to send information containing PFC Pause Frames sent statistics per interface per queue.		Trap to send information containing PFC Pause Frames sent statistics per interface per queue. #Index<-ifIndex> #QueueId<-queueId> #QueuePCPauseSentPkts<-QueuePCPauseSentPkts>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.12	customTraps
IP-CUSTOMIF-STATS-MIB	IRxSpeedHigh	INFORMATIONAL	IRxSpeedRecovery	1.3.6.1.4.1.36673.103.3.3.3	<div>#Index<-ifIndex> #RxAvgRatePercent #RxCurrentAvgSpeed</div>		1.3.6.1.4.1.36673.103.3.3.2	Trap to send information when current average Rx speed on the interface crossed speed warning threshold.		Trap to send information when current average Rx speed on the interface crossed speed warning threshold. #Index<-ifIndex> #RxAvgRatePercent<-RxAvgRatePercent> #RxCurrentAvgSpeed<-RxCurrentAvgSpeed>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.3.2	customSpeedMitTraps
IP-CUSTOMIF-STATS-MIB	IOversizeErrorPktsTrap	MAJOR			<div>#Index<-ifIndex> #RxOversizeLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.3	Trap to send information for oversize error packets received on the interface.		Trap to send information for oversize error packets received on the interface. #Index<-ifIndex> #RxOversizeLastIncrement<-RxOversizeLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.3	customTraps
IP-CUSTOMIF-STATS-MIB	cpuRxFragmentErrorPktsTrap	CRITICAL			<div>cpuRxFragmentLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.10	Trap to send information for fragment error packets received on the CPU.		Trap to send information for fragment error packets received on the CPU. cpuRxFragmentLastIncrement<-cpuRxFragmentLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.10	customTraps
IP-CUSTOMIF-STATS-MIB	pkcDeadlockRecoveryTrap	INFORMATIONAL	N/A		<div>#Index<-queueId> #pkcDeadlockDetected #pkcDeadlockDetectedLastTime #pkcDeadlockRecoveryLastTime</div>		1.3.6.1.4.1.36673.103.7.4.2	Trap to send PFC Deadlock recovery stop notification on interface.		Trap to send PFC Deadlock recovery stop notification on interface. #Index<-ifIndex> #QueueId<-queueId> #pkcDeadlockDetected<-pkcDeadlockDetected> #pkcDeadlockDetectedLastTime<-pkcDeadlockDetectedLastTime> #pkcDeadlockRecoveryLastTime<-pkcDeadlockRecoveryLastTime>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.7.4.2	pkcDeadlockAlarmObjects
IP-CUSTOMIF-STATS-MIB	cpuJabberErrorPktsTrap	CRITICAL			<div>#Index<-ifIndex> #JabberLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.11	Trap to send information for jabber error packets received on the interface.		Trap to send information for jabber error packets received on the interface. #Index<-ifIndex> #JabberLastIncrement<-JabberLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.11	customTraps
IP-CUSTOMIF-STATS-MIB	IBandwidthUpgradeNotification	INFORMATIONAL			<div>#Index<-ifIndex> #CurBandwidth</div>		1.3.6.1.4.1.36673.103.3.5.2	Trap to send when interface bandwidth is upgraded		Trap to send when interface bandwidth is upgraded #Index<-ifIndex> #CurBandwidth<-CurBandwidth>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.5.2	customStateNotification
IP-CUSTOMIF-STATS-MIB	pkcDeadlockDetectedTrap	CRITICAL	pkcDeadlockRecoveryTrap		<div>#Index<-queueId> #pkcDeadlockDetected #pkcDeadlockDetectedLastTime #pkcDeadlockRecoveryLastTime</div>		1.3.6.1.4.1.36673.103.7.4.1	Trap to send PFC Deadlock recovery start notification on interface.		Trap to send PFC Deadlock recovery start notification on interface. #Index<-ifIndex> #QueueId<-queueId> #pkcDeadlockDetected<-pkcDeadlockDetected> #pkcDeadlockDetectedLastTime<-pkcDeadlockDetectedLastTime> #pkcDeadlockRecoveryLastTime<-pkcDeadlockRecoveryLastTime>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.7.4.1	pkcDeadlockAlarmObjects
IP-CUSTOMIF-STATS-MIB	cpuUndersizeErrorPktsTrap	CRITICAL		0	<div>cpuUndersizeLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.8	Trap to send information for undersize error packets received on the CPU.		Trap to send information for undersize error packets received on the CPU. cpuUndersizeLastIncrement<-cpuUndersizeLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.8	customTraps
IP-CUSTOMIF-STATS-MIB	IRxSpeedMax	WARNING	IRxSpeedRecovery	#ifIndex	<div>#Index<-ifIndex> #RxCurrentAvgSpeed</div>		1.3.6.1.4.1.36673.103.3.3.1	Trap to send information when current average Rx speed on the interface reached maximum.		Trap to send information when current average Rx speed on the interface reached maximum. #Index<-ifIndex> #RxCurrentAvgSpeed<-RxCurrentAvgSpeed>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.3.1	customSpeedMitTraps
IP-CUSTOMIF-STATS-MIB	cpuCRCErrorPktsTrap	CRITICAL			<div>cpuRxBadCRCLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.7	Trap to send information for CRC error packets received on the CPU.		Trap to send information for CRC error packets received on the CPU. cpuRxBadCRCLastIncrement<-cpuRxBadCRCLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.7	customTraps
IP-CUSTOMIF-STATS-MIB	IRxSpeedRecovery	INFORMATIONAL			<div>#Index</div>		1.3.6.1.4.1.36673.103.3.3.3	Trap to send information when Rx speed utilization is recovered from full/high speed utilization threshold		Trap to send information when Rx speed utilization is recovered from full/high speed utilization threshold #Index<-ifIndex>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.3.3	customSpeedMitTraps
IP-CUSTOMIF-STATS-MIB	cpuQueueHigh	WARNING	cpuQueueRecovery	1.3.6.1.4.1.36673.103.3.2.3	<div>cpuQueueName cpuTxRatePercent cpuTxPps</div>		1.3.6.1.4.1.36673.103.3.2.2	Trap to send information when CPU queue is high crossing threshold of 90%.		Trap to send information when CPU queue is high crossing threshold of 90% . cpuQueueName<-cpuQueueName> cpuTxRatePercent<-cpuTxRatePercent> cpuTxPps<-cpuTxPps>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.2.2	cpuQueueNotifications
IP-CUSTOMIF-STATS-MIB	IBandwidthDowngradeNotification	INFORMATIONAL			<div>#Index<-ifIndex> #CurBandwidth</div>		1.3.6.1.4.1.36673.103.3.5.3	Trap to send when interface bandwidth is downgraded		Trap to send when interface bandwidth is downgraded #Index<-ifIndex> #CurBandwidth<-CurBandwidth>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.5.3	customStateNotification
IP-CUSTOMIF-STATS-MIB	ICabberErrorPktsTrap	MAJOR			<div>#Index<-ifIndex> #JabberLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.5	Trap to send information for jabber error packets received on the interface.		Trap to send information for jabber error packets received on the interface. #Index<-ifIndex> #JabberLastIncrement<-JabberLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.5	customTraps
IP-CUSTOMIF-STATS-MIB	cpuQueueLow	INFORMATIONAL			<div>cpuQueueName cpuTxRatePercent</div>		1.3.6.1.4.1.36673.103.3.2.3	Trap to send information when CPU queue is recovered from full/high.		Trap to send information when CPU queue is recovered from full/high. cpuQueueName<-cpuQueueName> cpuTxRatePercent<-cpuTxRatePercent>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.2.3	cpuQueueNotifications
IP-CUSTOMIF-STATS-MIB	RUndersizeErrorPktsTrap	MAJOR			<div>#Index<-ifIndex> #RUndersizeLastIncrement</div>		1.3.6.1.4.1.36673.103.3.1.2	Trap to send information for undersize error packets received on the interface.		Trap to send information for undersize error packets received on the interface. #Index<-ifIndex> #RUndersizeLastIncrement<-RUndersizeLastIncrement>	IP-CUSTOMIF-STATS-MIB.1.3.6.1.4.1.36673.103.3.1.2	customTraps
IP-VLAN-MIB	vlanTunnelStatusChangeNotification				<div>vlanTunnelStatus: installed 3 vVlanTunnelStatus: resolved 2 vVlanTunnelStatus: detected 0 vVlanTunnelStatus: resolved 1</div>	<div>The notTunnelStatus trap is generated when there is any status change in Tunnel Severity level is INFO for tunnel status going to Unresolved/Deleted status and MINOR for Resolved status.</div>	1.3.6.1.4.1.36673.87.0.1			The notTunnelStatus trap is generated when there is any status change in Tunnel Severity level is INFO for tunnel status going to Unresolved/Deleted status and MINOR for Resolved status. vVlanTunnelStatus: installed 3 vVlanTunnelStatus: resolved 2 vVlanTunnelStatus: detected 0 vVlanTunnelStatus: resolved 1	IP-VLAN-MIB.1.3.6.1.4.1.36673.87.0.1	ipCMSEPAAlarmNotificationsPrefix
IP-PORT-XC-MIB	xcSwitchUp				<div>portXCName portXCeP1 portXCeP2</div>		1.3.6.1.4.1.36673.109.1.3.1.2	Trap to send endpoint change of cross-connect entity		Trap to send endpoint change of cross-connect entity portXCName<-portXCName> portXCeP1<-portXCeP1> portXCeP2<-portXCeP2>	IP-PORT-XC-MIB.1.3.6.1.4.1.36673.109.1.3.1.2	xcAlarmMitNotifications
IP-PORT-XC-MIB	xcOperStatusDown				<div>portXCName portXCeP1 portXCeP2</div>	<div>portXCOperStatus: down 0 portXCOperStatus: up 1</div>	1.3.6.1.4.1.36673.109.1.3.1.1	Trap to send operational state change of cross-connect entity		Trap to send operational state change of cross-connect entity portXCName<-portXCName> portXCeP1<-portXCeP1> portXCeP2<-portXCeP2>	IP-PORT-XC-MIB.1.3.6.1.4.1.36673.109.1.3.1.1	xcAlarmMitNotifications
HW-TCAM-UTILIZATION	hwTCAMMinor ThresholdTrap	MINOR	hwTCAMMinor ThresholdRecovery	1.3.6.1.4.1.36673.108.2.1.3	<div>groupName usedPercent freeEntries</div>		1.3.6.1.4.1.36673.108.2.1.1	Trap to send information for Minor Threshold.		Trap to send information for Minor Threshold. groupName<-groupName> usedPercent<-usedPercent> freeEntries<-freeEntries>	HW-TCAM-UTILIZATION.1.3.6.1.4.1.36673.108.2.1.1	tcamMitigationAlarmNotifications
HW-TCAM-UTILIZATION	hwTCAMMinor ThresholdRecoveryTrap	INFORMATIONAL			<div>groupName usedPercent freeEntries</div>		1.3.6.1.4.1.36673.108.2.1.3	Trap to send information for recovery of Minor Threshold.		Trap to send information for recovery of Minor Threshold. groupName<-groupName> usedPercent<-usedPercent> freeEntries<-freeEntries>	HW-TCAM-UTILIZATION.1.3.6.1.4.1.36673.108.2.1.3	tcamMitigationAlarmNotifications
HW-TCAM-UTILIZATION	hwTCAMMajor ThresholdTrap	MAJOR	hwTCAMMajor ThresholdRecovery	1.3.6.1.4.1.36673.108.2.1.4	<div>groupName usedPercent freeEntries</div>		1.3.6.1.4.1.36673.108.2.1.2	Trap to send information for Major Threshold.		Trap to send information for Major Threshold. groupName<-groupName> usedPercent<-usedPercent> freeEntries<-freeEntries>	HW-TCAM-UTILIZATION.1.3.6.1.4.1.36673.108.2.1.2	tcamMitigationAlarmNotifications
HW-TCAM-UTILIZATION	hwTCAMMajor ThresholdRecoveryTrap	WARNING			<div>groupName usedPercent freeEntries</div>		1.3.6.1.4.1.36673.108.2.1.4	Trap to send information for recovery of Major Threshold.		Trap to send information for recovery of Major Threshold. groupName<-groupName> usedPercent<-usedPercent> freeEntries<-freeEntries>	HW-TCAM-UTILIZATION.1.3.6.1.4.1.36673.108.2.1.4	tcamMitigationAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUNCRecovery	INFORMATIONAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorUpperNonCritical</div>		1.3.6.1.4.1.36673.100.1.6.1.8	Set when IPMI device sensor will be above upper non critical threshold for sensor		Set when IPMI device sensor will be above upper non critical threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorUpperNonCritical<-cmrmpmDeviceSensorUpperNonCritical>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.8	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUNC	WARNING	cmrmpmDeviceUNCRecovery	1.3.6.1.4.1.36673.100.1.6.1.8	<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorUpperNonCritical</div>		1.3.6.1.4.1.36673.100.1.6.1.7	Set when IPMI device sensor will be below upper non critical threshold for sensor		Set when IPMI device sensor will be below upper non critical threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorUpperNonCritical<-cmrmpmDeviceSensorUpperNonCritical>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.7	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUC	CRITICAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorUpperCritical</div>		1.3.6.1.4.1.36673.100.1.6.1.9	Set when IPMI device sensor will be below upper critical threshold for sensor		Set when IPMI device sensor will be below upper critical threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorUpperCritical<-cmrmpmDeviceSensorUpperCritical>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.9	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUNR	ALERT	cmrmpmDeviceUNRRecovery	1.3.6.1.4.1.36673.100.1.6.1.11	<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorUpperRecover</div>		1.3.6.1.4.1.36673.100.1.6.1.11	Set when IPMI device sensor will be below upper non recovery threshold for sensor		Set when IPMI device sensor will be below upper non recovery threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorUpperRecover<-cmrmpmDeviceSensorUpperRecover>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.11	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUCRecovery	INFORMATIONAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorUpperCritical</div>		1.3.6.1.4.1.36673.100.1.6.1.10	Set when IPMI device sensor will be above upper critical threshold for sensor		Set when IPMI device sensor will be above upper critical threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorUpperCritical<-cmrmpmDeviceSensorUpperCritical>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.10	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUNR	ALERT	cmrmpmDeviceUNRRecovery	1.3.6.1.4.1.36673.100.1.6.1.6	<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorLowerNonRecover</div>		1.3.6.1.4.1.36673.100.1.6.1.5	Set when IPMI device sensor will be below lower non recovery threshold for sensor		Set when IPMI device sensor will be below lower non recovery threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorLowerNonRecover<-cmrmpmDeviceSensorLowerNonRecover>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.5	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDevicePresence	INFORMATIONAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName</div>		1.3.6.1.4.1.36673.100.1.6.1.13	Notified when IPMI device inserted/removed		Notified when IPMI device inserted/removed cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.13	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUNRRecovery	INFORMATIONAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorUpperRecover</div>		1.3.6.1.4.1.36673.100.1.6.1.12	Set when IPMI device sensor will be above upper non recovery threshold for sensor		Set when IPMI device sensor will be above upper non recovery threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorUpperRecover<-cmrmpmDeviceSensorUpperRecover>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.12	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceStatus	INFORMATIONAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName</div>		1.3.6.1.4.1.36673.100.1.6.1.14	Notifies IPMI device status		Notifies IPMI device status cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.14	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceUNRRecovery	INFORMATIONAL			<div>cmrmpmBackUnitIndex cmrmpmDeviceSensorName cmrmpmDeviceSensorValue cmrmpmDeviceSensorLowerNonRecover</div>		1.3.6.1.4.1.36673.100.1.6.1.6	Set when IPMI device sensor will be above lower non recovery threshold for sensor		Set when IPMI device sensor will be above lower non recovery threshold for sensor cmrmpmBackUnitIndex<-cmrmpmBackUnitIndex> cmrmpmDeviceSensorName<-cmrmpmDeviceSensorName> cmrmpmDeviceSensorValue<-cmrmpmDeviceSensorValue> cmrmpmDeviceSensorLowerNonRecover<-cmrmpmDeviceSensorLowerNonRecover>	IP-CMMA-IPMI-MIB.1.3.6.1.4.1.36673.100.1.6.1.6	cmrmpmDeviceAlarmNotifications
IP-CMMA-IPMI-MIB	cmrmpmDeviceLC	CRITICAL	cmrmpmDeviceLCRecovery	1.3.6.1.4.1.36673.100.1.6.1.4								

ipinfusion

Note: Each OcNOS SKU contains a set of supported features. For a list of available features based on the SKU that you purchased, refer to the *OcNOS Feature Matrix*.

MIB Module Name	Trap Name	Recommend Trap Severity	Clear Alarm/Trap Name	Clear Alarm Trap OID	Variables/Objects	Related Enums	OID	Trap Description	Trap Description > 255 Chars?	Event Description	Alert Names (MIB + OID)	Alarm Parent or Enterprise
IP-CMA-FPM-MB	cmmipDeviceLossNC	WARNING	cmmipDeviceNCRRecovery	1.3.6.1.4.1.30673.100.1.6.1.2	<mmpackUIndex> <mmpipDeviceSensorName> <mmpipDeviceSensorValue> <mmpipDeviceSensorLowerNonCritical>		1.3.6.1.4.1.30673.100.1.6.1.1	Set when IPFM device sensor will be below lower non critical threshold for sensor.		Set when IPFM device sensor will be below lower non critical threshold for sensor. <mmpackUIndex> <mmpipDeviceSensorName> <mmpipDeviceSensorValue> <mmpipDeviceSensorLowerNonCritical>	IP-CMA-FPM-MB.1.3.6.1.4.1.30673.100.1.6.1.1	cmmipDeviceAlarmNotifications
IP-CMA-FPM-MB	cmmipDeviceCRecovery	INFORMATIONAL			<mmpackUIndex> <mmpipDeviceSensorName> <mmpipDeviceSensorValue> <mmpipDeviceSensorLowerCritical>		1.3.6.1.4.1.30673.100.1.6.1.4	Set when IPFM device sensor will be above lower critical threshold for sensor.		Set when IPFM device sensor will be above lower critical threshold for sensor. <mmpackUIndex> <mmpipDeviceSensorName> <mmpipDeviceSensorValue> <mmpipDeviceSensorLowerCritical>	IP-CMA-FPM-MB.1.3.6.1.4.1.30673.100.1.6.1.4	cmmipDeviceAlarmNotifications
BRIDGE-MB	topologyChange	INFORMATIONAL					1.3.6.1.2.1.17.0.2	A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a noerrortrap is sent for the same transition. Implementation of this trap is optional.	Y	A topologyChange trap is sent by a bridge when any of its configured ports transitions from the Learning state to the Forwarding state, or from the Forwarding state to the Blocking state. The trap is not sent if a noerrortrap is sent for the same transition. Implementation of this trap is optional.	BRIDGE-MB.1.3.6.1.2.1.17.0.2	dut1n8ifications
BRIDGE-MB	newRoot	INFORMATIONAL					1.3.6.1.2.1.17.0.1	The newroot trap indicates that the sending agent has become the new root of the Spanning Tree. The trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	Y	The newroot trap indicates that the sending agent has become the new root of the Spanning Tree. The trap is sent by a bridge soon after its election as the new root, e.g., upon expiration of the Topology Change Timer, immediately subsequent to its election. Implementation of this trap is optional.	BRIDGE-MB.1.3.6.1.2.1.17.0.1	dut1n8ifications
IP-SYNCE-MB	ipSyncClockLock	INFORMATIONAL			ipSyncClockState ipSyncClockSourceName	ipSyncClockStateLocked: 3 ipSyncClockStateUnlocked: 2 ipSyncClockStateReserved: 1 ipSyncClockStateInvalid: 0	1.3.6.1.4.1.30673.110.0.2	Synch clock status changed from unlocked to locked		Synch clock status changed from unlocked to locked ipSyncClockState ipSyncClockSourceName	IP-SYNCE-MB.1.3.6.1.4.1.30673.110.0.2	ipSynceMBNotifs
IP-SYNCE-MB	ipSyncClockOutLock	WARNING			ipSyncClockState ipSyncClockStateUnlocked: 3 ipSyncClockStateReserved: 1 ipSyncClockStateInvalid: 0		1.3.6.1.4.1.30673.110.0.1	Synch clock status changed from locked to unlocked		Synch clock status changed from locked to unlocked ipSyncClockState ipSyncClockSourceName	IP-SYNCE-MB.1.3.6.1.4.1.30673.110.0.1	ipSynceMBNotifs
IEEE802-CFAM-MB	dutagCmrfaultAlarm	WARNING	dutagCmrfaultAlarmOnReset when	1.3.111.2.802.1.1.8.0.1	dutagCmrfaultHighPrioDefect dutagCmrfaultHighPrioDefectInfoCMAC 2 dutagCmrfaultHighPrioDefectInfoDCOM 5 dutagCmrfaultHighPrioDefectInfoErrorCMAC 4 dutagCmrfaultHighPrioDefectInfoErrorDCOM 3		1.3.111.2.802.1.1.8.0.1	A MEP has a persistent defect condition. A notification (fault alarm) is sent to the management entity with the OID of the MEP that has detected the fault, or may not generate a Fault Alarm if the problem is administratively suppressed. Only the highest-priority defect, as shown in Table 20-1, is reported in the Fault Alarm. If a defect with a higher priority is raised after a Fault Alarm has been issued, another Fault Alarm is issued. The management entity receiving the notification can identify the system from the network source address of the notification, and can identify the MEP's Maintenance Association network entry (dutagCmrfaultId), and with the MD table index and component ID of the MEP's MA component table entry (dutagCmrfaultCompTable). dutagCmrfaultIdentifier - MEP Identifier and final index into the MEP table (dutagCmrfaultTable) dutagCmrfaultHighPrioDefect - dutagCmrfaultHighPrioDefect	Y	A MEP has a persistent defect condition. A notification (fault alarm) is sent to the management entity with the OID of the MEP that has detected the fault, or may not generate a Fault Alarm if the problem is administratively suppressed. Only the highest-priority defect, as shown in Table 20-1, is reported in the Fault Alarm. If a defect with a higher priority is raised after a Fault Alarm has been issued, another Fault Alarm is issued. The management entity receiving the notification can identify the system from the network source address of the notification, and can identify the MEP's Maintenance Association network entry (dutagCmrfaultId), and with the MD table index and component ID of the MEP's MA component table entry (dutagCmrfaultCompTable). dutagCmrfaultIdentifier - MEP Identifier and final index into the MEP table (dutagCmrfaultTable) dutagCmrfaultHighPrioDefect - dutagCmrfaultHighPrioDefect	IEEE802-CFAM-MB.1.3.111.2.802.1.1.8.0.1	dutag1n8ifications
NPLS-TE-STD-MB	nplsTurneDown	MAJOR			nplsTurneAdminStatus nplsTurneOperStatus	nplsTurneAdminStatus=testing: 3 nplsTurneAdminStatus=down: 2 nplsTurneAdminStatus=up: 1 nplsTurneOperStatus=testing: 3 nplsTurneOperStatus=unknown: 4 nplsTurneOperStatus=notPresent: 6 nplsTurneOperStatus=lowerLayerDown: 7 nplsTurneOperStatus=down: 2 nplsTurneOperStatus=up: 1 nplsTurneOperStatus=down: 5	1.3.6.1.2.1.10.166.3.0.2	This notification is generated when a nplsTurneOperStatus object for one of the configured tunnels is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of nplsTurneOperStatus.	Y	This notification is generated when a nplsTurneOperStatus object for one of the configured tunnels is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of nplsTurneOperStatus. nplsTurneAdminStatus nplsTurneOperStatus	NPLS-TE-STD-MB.1.3.6.1.2.1.10.166.3.0.2	nplsTelefications
NPLS-TE-STD-MB	nplsTurneUp	WARNING			nplsTurneAdminStatus nplsTurneOperStatus	nplsTurneAdminStatus=testing: 3 nplsTurneAdminStatus=down: 2 nplsTurneAdminStatus=up: 1 nplsTurneOperStatus=testing: 3 nplsTurneOperStatus=unknown: 4 nplsTurneOperStatus=notPresent: 6 nplsTurneOperStatus=lowerLayerDown: 7 nplsTurneOperStatus=down: 2 nplsTurneOperStatus=up: 1 nplsTurneOperStatus=down: 5	1.3.6.1.2.1.10.166.3.0.1	This notification is generated when a nplsTurneOperStatus object for one of the configured tunnels is about to leave the down state and transition into some other state (but not into the notPresent state). This other state is indicated by the included value of nplsTurneOperStatus.	Y	This notification is generated when a nplsTurneOperStatus object for one of the configured tunnels is about to leave the down state and transition into some other state (but not into the notPresent state). This other state is indicated by the included value of nplsTurneOperStatus. nplsTurneAdminStatus nplsTurneOperStatus	NPLS-TE-STD-MB.1.3.6.1.2.1.10.166.3.0.1	nplsTelefications
NPLS-LVPN-STD-MB	nplsL3vpnIfDown	MAJOR			nplsL3vpnIfConfRowData nplsL3vpnIfOperStatus	nplsL3vpnIfConfRowData=notInit: 5 nplsL3vpnIfConfRowData=ready: 3 nplsL3vpnIfConfRowData=down: 2 nplsL3vpnIfConfRowData=destroy: 6 nplsL3vpnIfConfRowData=ready: 4 nplsL3vpnIfOperStatus=down: 2 nplsL3vpnIfOperStatus=up: 1	1.3.6.1.2.1.10.166.11.0.2	This notification is generated when: a. One interface is associated with this VRF, and the RfOperStatus of this interface changes from up(1) to down(2); b. Multiple interfaces are associated with this VRF, and the RfOperStatus of all except one of these interfaces is equal to up(1), and the RfOperStatus of last interface changes from up(1) to down(2); c. The last interface with RfOperStatus equal to up(1) is disconnected from a VRF.	Y	This notification is generated when: a. One interface is associated with this VRF, and the RfOperStatus of this interface changes from up(1) to down(2); b. Multiple interfaces are associated with this VRF, and the RfOperStatus of all except one of these interfaces is equal to up(1), and the RfOperStatus of last interface changes from up(1) to down(2); c. The last interface with RfOperStatus equal to up(1) is disconnected from a VRF. nplsL3vpnIfConfRowData nplsL3vpnIfOperStatus	NPLS-LVPN-STD-MB.1.3.6.1.2.1.10.166.11.0.2	nplsL3vpn8ifications
NPLS-LVPN-STD-MB	nplsL3vpnIfUp	INFORMATIONAL			nplsL3vpnIfConfRowData nplsL3vpnIfOperStatus	nplsL3vpnIfConfRowData=notInit: 5 nplsL3vpnIfConfRowData=ready: 3 nplsL3vpnIfConfRowData=down: 2 nplsL3vpnIfConfRowData=destroy: 6 nplsL3vpnIfConfRowData=ready: 4 nplsL3vpnIfOperStatus=down: 2 nplsL3vpnIfOperStatus=up: 1	1.3.6.1.2.1.10.166.11.0.1	This notification is generated when: a. No interface is associated with this VRF, and the first (and only first) interface associated with it has its RfOperStatus change to up(1); b. One interface is associated with this VRF, and the RfOperStatus of this interface changes to up(1); c. Multiple interfaces are associated with this VRF, and the RfOperStatus of all interfaces is down(2), and the first of those interfaces has its RfOperStatus change to up(1).	Y	This notification is generated when: a. No interface is associated with this VRF, and the first (and only first) interface associated with it has its RfOperStatus change to up(1); b. One interface is associated with this VRF, and the RfOperStatus of this interface changes to up(1); c. Multiple interfaces are associated with this VRF, and the RfOperStatus of all interfaces is down(2), and the first of those interfaces has its RfOperStatus change to up(1). nplsL3vpnIfConfRowData nplsL3vpnIfOperStatus	NPLS-LVPN-STD-MB.1.3.6.1.2.1.10.166.11.0.1	nplsL3vpn8ifications
ISIS-MB	isisAdjectedAdjacency	WARNING			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduFragment	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.13	A notification sent when we receive a Hello PDU from an IS but do not establish an adjacency for some reason. The agent must throttle the generation of consecutive isisAdjectedAdjacency notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a Hello PDU from an IS but do not establish an adjacency for some reason. The agent must throttle the generation of consecutive isisAdjectedAdjacency notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.13	isis8ifications
ISIS-MB	isisAdjampTfCircIndexMismatch	INFORMATIONAL			isisNotificationSysLevelIndex isisPduLspId	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.4	When the sequence number on an LSP we generate equals the 32-bit sequence counter, we purge and wait to re-announce this type. This notification describes that event. Since these thresholds do not get generated regularly, we generate an event each time this happens. While the first 6 bytes of the LSPID are ours, the other two contain useful information.	Y	When the sequence number on an LSP we generate equals the 32-bit sequence counter, we purge and wait to re-announce this information. This notification describes that event. Since these thresholds do not get generated regularly, we generate an event each time this happens. While the first 6 bytes of the LSPID are ours, the other two contain useful information.	ISIS-MB.1.3.6.1.2.1.138.0.4	isis8ifications
ISIS-MB	isisProtocolsSupportedMismatch	WARNING			isisNotificationSysLevelIndex isisAdjProtocolSupported isisPduLspId	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.16	A notification sent when a non-supported protocol segment 0 LSP is received that has no matching protocols supported. This may be because the system does not generate the field, or because there are no common elements. The list of protocols supported should be included in the notification. If any of the TLV is not supported, or if the TLV is empty. The agent must throttle the generation of consecutive isisProtocolsSupportedMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when a non-supported protocol segment 0 LSP is received that has no matching protocols supported. This may be because the system does not generate the field, or because there are no common elements. The list of protocols supported should be included in the notification. If any of the TLV is not supported, or if the TLV is empty. The agent must throttle the generation of consecutive isisProtocolsSupportedMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.16	isis8ifications
ISIS-MB	isisAdjacencyChange	WARNING			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduLspId isisAdjState	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1 isisAdjState=missing: 2 isisAdjState=up: 3 isisAdjState=down: 1 isisAdjState=faked: 4	1.3.6.1.2.1.138.0.17	A notification sent when an adjacency changes state, entering or leaving state up. The first 6 bytes of the isisPduLspId are the SystemID of the adjacent IS. The isisAdjState is the new state of the adjacency.	Y	A notification sent when an adjacency changes state, entering or leaving state up. The first 6 bytes of the isisPduLspId are the SystemID of the adjacent IS. The isisAdjState is the new state of the adjacency.	ISIS-MB.1.3.6.1.2.1.138.0.17	isis8ifications
ISIS-MB	isisSPFloodLargeToPropagate	WARNING			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduLspId isisPduLspSize	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.14	A notification sent when we attempt to propagate an LSP that is larger than the dataLinkBlockSize for the circuit. The agent must throttle the generation of consecutive isisSPFloodLargeToPropagate notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we attempt to propagate an LSP that is larger than the dataLinkBlockSize for the circuit. The agent must throttle the generation of consecutive isisSPFloodLargeToPropagate notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.14	isis8ifications
ISIS-MB	isisOrigSPBufferSizeMismatch	WARNING			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduLspId isisPduLspOrigBufferSize	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.15	A notification sent when a Level 1 LSP or Level 2 LSP is received that is larger than the local value for isisSysLevelOrigSPBufferSize, or when an LSP is received that contains the supported Buffer Size option and the value in the PDU option field does not match the local value for isisSysLevelOrigSPBufferSize. We pass up the size from the option field and the size of the problem with the LSP header. The agent must throttle the generation of consecutive isisOrigSPBufferMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when a Level 1 LSP or Level 2 LSP is received that is larger than the local value for isisSysLevelOrigSPBufferSize, or when an LSP is received that contains the supported Buffer Size option and the value in the PDU option field does not match the local value for isisSysLevelOrigSPBufferSize. We pass up the size from the option field and the size of the problem with the LSP header. The agent must throttle the generation of consecutive isisOrigSPBufferMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.15	isis8ifications
ISIS-MB	isisDstLenMismatch	WARNING			isisNotificationSysLevelIndex isisAdjFieldLen isisNotificationCircIndex isisPduFragment	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.5	A notification sent when we receive a PDU with a different value for the System ID Length. This notification includes an index to identify the circuit where we saw the PDU and the header of the PDU, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisDstLenMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a PDU with a different value for the System ID Length. This notification includes an index to identify the circuit where we saw the PDU and the header of the PDU, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisDstLenMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.5	isis8ifications
ISIS-MB	isisAreaMismatch	WARNING			isisNotificationSysLevelIndex isisAdjFieldLen isisNotificationCircIndex isisPduFragment	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.12	A notification sent when we receive a Hello PDU from an IS that does not share any area address. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAreaMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a Hello PDU from an IS that does not share any area address. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAreaMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.12	isis8ifications
ISIS-MB	isisSequenceNumberSkip	INFORMATIONAL			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduLspId	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.8	When we receive an LSP with our System ID and different contents, we may need to reissue the LSP with a higher sequence number. We send this notification if we need to increase the sequence number by more than one. If two Intermediate Systems are configured with the same System ID, this notification will fire.	Y	When we receive an LSP with our System ID and different contents, we may need to reissue the LSP with a higher sequence number. We send this notification if we need to increase the sequence number by more than one. If two Intermediate Systems are configured with the same System ID, this notification will fire.	ISIS-MB.1.3.6.1.2.1.138.0.8	isis8ifications
ISIS-MB	isisMaxAreaAddressMismatch	WARNING			isisNotificationSysLevelIndex isisPduMaxAreaAddress isisNotificationCircIndex isisPduFragment	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.6	A notification sent when we receive a PDU with a different value for the Maximum Area Addresses. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisMaxAreaAddressMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a PDU with a different value for the Maximum Area Addresses. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisMaxAreaAddressMismatch notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.6	isis8ifications
ISIS-MB	isisManualAddressDrops	WARNING			isisNotificationAreaAddress		1.3.6.1.2.1.138.0.2	This notification is generated when one of the manual areaAddresses assigned to this system is ignored when computing routes. The object isisNotificationAreaAddress describes the area that has been dropped. The number of times this event has been generated is counted by isisSysLevelManualDropCounters. The agent must throttle the generation of consecutive isisManualAddressDrops notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	This notification is generated when one of the manual areaAddresses assigned to this system is ignored when computing routes. The object isisNotificationAreaAddress describes the area that has been dropped. The number of times this event has been generated is counted by isisSysLevelManualDropCounters. The agent must throttle the generation of consecutive isisManualAddressDrops notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.2	isis8ifications
ISIS-MB	isisComptedSPDetected	INFORMATIONAL			isisNotificationSysLevelIndex isisPduLspId	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.3	This notification is generated when we find that an LSP that was stored in memory has become corrupted. The number of times this has been generated is counted by isisSysLevelSPDetectedCounters. We forward an LSP ID. We may have independent knowledge of the ID, but in some implementations there is a chance that the ID itself will be corrupted.	Y	This notification is generated when we find that an LSP that was stored in memory has become corrupted. The number of times this has been generated is counted by isisSysLevelSPDetectedCounters. We forward an LSP ID. We may have independent knowledge of the ID, but in some implementations there is a chance that the ID itself will be corrupted.	ISIS-MB.1.3.6.1.2.1.138.0.3	isis8ifications
ISIS-MB	isisDatabaseOverload	INFORMATIONAL			isisNotificationSysLevelIndex isisSysLevelState	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1 isisSysLevelState=hold: 4 isisSysLevelState=waiting: 3 isisSysLevelState=init: 1	1.3.6.1.2.1.138.0.1	This notification is generated when the system enters or leaves the Overload state. The number of times this has been generated and cleared is kept track of by isisSysLevelSPDatabaseOverload.	Y	This notification is generated when the system enters or leaves the Overload state. The number of times this has been generated and cleared is kept track of by isisSysLevelSPDatabaseOverload.	ISIS-MB.1.3.6.1.2.1.138.0.1	isis8ifications
ISIS-MB	isisSPErrorDetected	WARNING			isisNotificationSysLevelIndex isisPduLspId isisNotificationCircIndex isisPduFragment isisErrorOffset isisErrorTLVType	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.18	This notification is generated when we receive an LSP with a parse error. The isisNotificationCircIndex holds an index of the circuit on which the PDU arrived. The isisPduFragment holds the start of the LSP, and the isisErrorOffset holds the start of the LSP. If the problem is a malformed TLV, isisErrorOffset points to the start of the TLV, and isisErrorTLVType holds the value of the TLV. If the problem is an LSP header, isisErrorOffset points to the suspicious type. The number of such LSPs is accumulated in isisSysLevelSPErrors.	Y	This notification is generated when we receive an LSP with a parse error. The isisNotificationCircIndex holds an index of the circuit on which the PDU arrived. The isisPduFragment holds the start of the LSP, and the isisErrorOffset holds the start of the LSP. If the problem is a malformed TLV, isisErrorOffset points to the start of the TLV, and isisErrorTLVType holds the value of the TLV. If the problem is an LSP header, isisErrorOffset points to the suspicious type. The number of such LSPs is accumulated in isisSysLevelSPErrors. isisPduLspId isisNotificationCircIndex isisPduFragment isisErrorOffset isisErrorTLVType	ISIS-MB.1.3.6.1.2.1.138.0.18	isis8ifications
ISIS-MB	isisOrigSPError	INFORMATIONAL			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduLspId	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.7	A notification sent when we receive a PDU with our systemID and zero age. This notification includes the circuit index and router ID from the LSP, if available, which may help a network manager identify the source of the confusion.	Y	A notification sent when we receive a PDU with our systemID and zero age. This notification includes the circuit index and router ID from the LSP, if available, which may help a network manager identify the source of the confusion. isisNotificationSysLevelIndex isisNotificationCircIndex isisPduLspId	ISIS-MB.1.3.6.1.2.1.138.0.7	isis8ifications
ISIS-MB	isisAuthenticationTypeFailure	WARNING			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduFragment	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.9	A notification sent when we receive a PDU with the wrong authentication type field. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAuthenticationTypeFailure notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a PDU with the wrong authentication type field. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAuthenticationTypeFailure notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.9	isis8ifications
ISIS-MB	isisAuthenticationFailure	WARNING			isisNotificationSysLevelIndex isisNotificationCircIndex isisPduFragment	isisNotificationSysLevelIndex=level2: 2 isisNotificationSysLevelIndex=leveland2: 3 isisNotificationSysLevelIndex=level: 1	1.3.6.1.2.1.138.0.10	A notification sent when we receive a PDU with an incorrect authentication information field. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAuthenticationFailure notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a PDU with an incorrect authentication information field. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must throttle the generation of consecutive isisAuthenticationFailure notifications so that there is at least a 5-second gap between notifications of this type. When notifications are throttled, they are dropped, not queued for sending at a future time.	ISIS-MB.1.3.6.1.2.1.138.0.10	isis8ifications

OcNOS Version 7.0.0 SNMP Traps



Note: Each OcNOS SKU contains a set of supported features. For a list of available features based on the SKU that you purchased, refer to the OcNOS Feature Matrix .

MIB Module Name	Trap Name	Recommend Trap Severity	Clear Alarm/Trap Name	Clear Alarm Trap OID	Variables/Objects	Related Enums	OID	Trap Description	Trap Description > 255 Chars?	Event Description	Alert Names (MIB + OID)	Alarm Parent or Enterprise	
SIS-AMB	sisVersionShow	WARNING			isisNotificationSysLevelIndex isisNotificationCntrIndex isisProtoVerVersion isisPduFragment	isisNotificationSysLevelIndex:2 isisNotificationSysLevelIndex:version:2 isisNotificationSysLevelIndex:level:1	1.3.6.1.2.1.38.0.11	A notification sent when we receive a Hello PDU from an IS running a different version of the protocol. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must frobn the generation of consecutive sisVersionShow notifications so that there is at least a 5-second gap between notifications of this type. When notifications are frobned, they are dropped, not queued for sending at a future time.	Y	A notification sent when we receive a Hello PDU from an IS running a different version of the protocol. This notification includes the header of the packet, which may help a network manager identify the source of the confusion. The agent must frobn the generation of consecutive sisVersionShow notifications so that there is at least a 5-second gap between notifications of this type. When notifications are frobned, they are dropped, not queued for sending at a future time.	SIS-AMB.1.3.6.1.2.1.38.0.11	isisNotifications	
MEF-SOAM-FM-MIB	mefSoamConfigErrorAsserAlarm	WARNING	mefSoamConfigErrorClearAlarm	1.3.6.1.4.1.15007.1.2.0.3	ieee8021CmConfigErrorLstErrorType		1.3.6.1.4.1.15007.1.2.0.2	An mefSoamConfigErrorAsserAlarm notification is sent when an entry is added to the ieee8021CmConfigErrorLstTable. It indicates a configuration error during the setup for SOAM FM entry and provides a list of interfaces and VIDs that are incorrectly configured. This notification is sent whenever a configuration error occurs. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual configuration reporting the error by the indices in the OID ieee8021CmConfigErrorLstErrorType, including the ieee8021CmConfigErrorLstSelectorType, ieee8021CmConfigErrorLstSelector, and the ieee8021CmConfigErrorLstInterface. An agent should not generate more than one mefSoamConfigErrorAsserAlarm notification-event in a given time interval as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional configuration errors occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any configuration errors occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	Y	An mefSoamConfigErrorAsserAlarm notification is sent when an entry is added to the ieee8021CmConfigErrorLstTable. It indicates a configuration error during the setup for SOAM FM entry and provides a list of interfaces and VIDs that are incorrectly configured. This notification is sent whenever a configuration error occurs. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual configuration reporting the error by the indices in the OID ieee8021CmConfigErrorLstErrorType, including the ieee8021CmConfigErrorLstSelectorType, ieee8021CmConfigErrorLstSelector, and the ieee8021CmConfigErrorLstInterface. An agent should not generate more than one mefSoamConfigErrorAsserAlarm notification-event in a given time interval as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional configuration errors occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any configuration errors occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	MEF-SOAM-FM-MIB.1.3.6.1.4.1.15007.1.2.0.2	mefSoamFmNotifications	
MEF-SOAM-FM-MIB	mefSoamConfigErrorClearAlarm	INFORMATIONAL			ieee8021CmConfigErrorLstErrorType		1.3.6.1.4.1.15007.1.2.0.3	An mefSoamConfigErrorClearAlarm notification is sent when an entry is deleted from the ieee8021CmConfigErrorLstTable. It indicates a configuration error has been removed during the setup for SOAM FM entry and provides a list of interfaces and VIDs that are correctly configured. This notification is sent whenever a configuration error has been cleared. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual configuration reporting the error clear by the indices in the OID ieee8021CmConfigErrorLstErrorType, including the ieee8021CmConfigErrorLstSelectorType, ieee8021CmConfigErrorLstSelector, and the ieee8021CmConfigErrorLstInterface. An agent should not generate more than one mefSoamConfigErrorClearAlarm notification-event in a given time interval as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional configuration errors occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any configuration errors occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	Y	An mefSoamConfigErrorClearAlarm notification is sent when an entry is deleted from the ieee8021CmConfigErrorLstTable. It indicates a configuration error has been removed during the setup for SOAM FM entry and provides a list of interfaces and VIDs that are correctly configured. This notification is sent whenever a configuration error has been cleared. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual configuration reporting the error clear by the indices in the OID ieee8021CmConfigErrorLstErrorType, including the ieee8021CmConfigErrorLstSelectorType, ieee8021CmConfigErrorLstSelector, and the ieee8021CmConfigErrorLstInterface. An agent should not generate more than one mefSoamConfigErrorClearAlarm notification-event in a given time interval as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional configuration errors occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any configuration errors occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	MEF-SOAM-FM-MIB.1.3.6.1.4.1.15007.1.2.0.3	mefSoamFmNotifications	
MEF-SOAM-FM-MIB	mefSoamMepOperStatusAlarm	INFORMATIONAL			mefSoamMepStatusOperationalState dotagCmMepActive	dotagCmMepActive: false dotagCmMepActive: true	1.3.6.1.4.1.15007.1.2.0.4	An mefSoamMepOperStatusAlarm notification is sent when the value of mefSoamMepOperationalState changes. It indicates an operational state change in the MEF. This notification is sent whenever the operational status of the MEF changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the OID mefSoamMepOperationalState, including the dotagCmMepIndex, dotagCmMepIndex, and the dotagCmMepIdentifier. An agent should not generate more than one mefSoamMepOperStatusAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any operational state changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	Y	An mefSoamMepOperStatusAlarm notification is sent when the value of mefSoamMepOperationalState changes. It indicates an operational state change in the MEF. This notification is sent whenever the operational status of the MEF changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the OID mefSoamMepOperationalState, including the dotagCmMepIndex, dotagCmMepIndex, and the dotagCmMepIdentifier. An agent should not generate more than one mefSoamMepOperStatusAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any operational state changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	MEF-SOAM-FM-MIB.1.3.6.1.4.1.15007.1.2.0.4	mefSoamFmNotifications	
MEF-SOAM-FM-MIB	mefSoamMepDefectAlarm	WARNING			dotagCmMepDefects mefSoamMepStatusDefectStatus dotagCmMepMepState	dotagCmMepDefects: idDefect: mepCCM: 2 dotagCmMepDefects: idDefect: mepCCM: 1 dotagCmMepDefects: idDefect: mepCCM: 4 dotagCmMepDefects: idDefect: mepCCM: 3 dotagCmMepDefects: idDefect: mepCCM: 0 mefSoamMepStatus: idDefect: mepCCM: 2 mefSoamMepStatus: idDefect: mepCCM: 1 mefSoamMepStatus: idDefect: mepCCM: 4 mefSoamMepStatus: idDefect: mepCCM: 3 mefSoamMepStatus: idDefect: mepCCM: 0 mefSoamMepStatus: idDefect: mepCCM: 2 dotagCmMepDefects: mepState: mepState: 3 dotagCmMepDefects: mepState: mepState: 2 dotagCmMepDefects: mepState: mepState: 1 dotagCmMepDefects: mepState: mepState: 4	1.3.6.1.4.1.15007.1.2.0.1	An mefSoamMepDefectAlarm notification is sent when the value of dotagCmMepDefects changes. It indicates a persistent defect in the MEF. This notification is sent whenever the dotagCmMepDefects of the MEF changes, regardless of the dotagCmMepDefectsDefect object. The inclusion of the dotagCmMepDefectsDefect object is optional. It shall not be included if the defect is not based upon a specific MEF instance, e.g., idDefect: mepCCM: 1. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the dotagCmMepDefects object. When included, the dotagCmMepDefectsDefect object indicates the reason MEF that caused the defect by the OID indices in the dotagCmMepDefects object. An agent should not generate more than one mefSoamMepDefectAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional defect changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any defect changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	Y	An mefSoamMepDefectAlarm notification is sent when the value of dotagCmMepDefects changes. It indicates a persistent defect in the MEF. This notification is sent whenever the dotagCmMepDefects of the MEF changes, regardless of the dotagCmMepDefectsDefect object. The inclusion of the dotagCmMepDefectsDefect object is optional. It shall not be included if the defect is not based upon a specific MEF instance, e.g., idDefect: mepCCM: 1. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the dotagCmMepDefects object. When included, the dotagCmMepDefectsDefect object indicates the reason MEF that caused the defect by the OID indices in the dotagCmMepDefects object. An agent should not generate more than one mefSoamMepDefectAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional defect changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any defect changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	MEF-SOAM-FM-MIB.1.3.6.1.4.1.15007.1.2.0.1	mefSoamFmNotifications	
MEF-SOAM-FM-MIB	mefSoamAisAlarm	WARNING			mefSoamAisStatusOutStatus mefSoamAisStatusInStatus	mefSoamAisStatusOutStatus: false mefSoamAisStatusOutStatus: true mefSoamAisStatusInStatus: false mefSoamAisStatusInStatus: true	1.3.6.1.4.1.15007.1.2.0.6	An mefSoamAisAlarm notification is sent when the state of either mefSoamAisOutStatus or mefSoamAisInStatus changes. mefSoamAisOutStatus is set to true when AIS frames are sent by the MEF and set to false when the MEF stops sending AIS frames. mefSoamAisInStatus is set to true when AIS PDUs are received and set to false when AIS PDUs are sent to false when received. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the OID mefSoamAisAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any operational state changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	Y	An mefSoamAisAlarm notification is sent when the state of either mefSoamAisOutStatus or mefSoamAisInStatus changes. mefSoamAisOutStatus is set to true when AIS frames are sent by the MEF and set to false when the MEF stops sending AIS frames. mefSoamAisInStatus is set to true when AIS PDUs are received and set to false when the MEF stops sending AIS frames. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the OID mefSoamAisAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any operational state changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	MEF-SOAM-FM-MIB.1.3.6.1.4.1.15007.1.2.0.6	mefSoamFmNotifications	
MEF-SOAM-FM-MIB	mefSoamLckAlarm	WARNING			mefSoamLckStatusInStatus mefSoamLckStatusOutStatus	mefSoamLckStatusInStatus: false mefSoamLckStatusInStatus: true mefSoamLckStatusOutStatus: false mefSoamLckStatusOutStatus: true	1.3.6.1.4.1.15007.1.2.0.5	An mefSoamLckAlarm notification is sent when the LCK PDU is received or when either mefSoamLckInStatus or mefSoamLckOutStatus changes. Reception of the LCK PDU causes the MEF to enter Lock State. This notification is sent whenever the operational lock status of the MEF changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the OID mefSoamLckAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any operational state changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	Y	An mefSoamLckAlarm notification is sent when the LCK PDU is received or when either mefSoamLckInStatus or mefSoamLckOutStatus changes. Reception of the LCK PDU causes the MEF to enter Lock State. This notification is sent whenever the operational lock status of the MEF changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual MEF reporting the defect by the indices in the OID mefSoamLckAlarm notification-event in a given time interval per MEF as specified by mefSoamAlarmInterval. A notification-event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the mefSoamAlarmInterval period, then notification generation for these changes shall be suppressed by the agent until the current alarm interval expires. At the end of an alarm interval period, one notification-event shall be generated if any operational state changes occurred since the start of the alarm interval period. In such a case, another alarm interval period is started right away.	MEF-SOAM-FM-MIB.1.3.6.1.4.1.15007.1.2.0.5	mefSoamFmNotifications	
IP-G8032-MIB	ipG8032EastIntfStateChangeNotify	INFORMATIONAL			ipG8032IntfName ipG8032IntfInterfaceName ipG8032IntfInterfaceIndex ipG8032IntfInterfaceLinkState	ipG8032IntfInterfaceLinkState: unblocked: 1 ipG8032IntfInterfaceLinkState: blocked: 2 ipG8032IntfInterfaceLinkState: false: 3 ipG8032IntfInterfaceLinkState: invalid: 4	1.3.6.1.4.1.36673.8032.0.2	An ipG8032EastIntfStateChangeNotify notification is sent when there is change in east interface link and its state.		An ipG8032EastIntfStateChangeNotify notification is sent when there is change in east interface link and its state.	IP-G8032-MIB.1.3.6.1.4.1.36673.8032.0.2	ipG8032MIBNotifs	
IP-G8032-MIB	ipG8032RmStateChangeNotify	INFORMATIONAL			ipG8032IntfName ipG8032IntfInterfaceName ipG8032IntfInterfaceIndex ipG8032IntfInterfaceLinkState	ipG8032IntfInterfaceLinkState: unblocked: 1 ipG8032IntfInterfaceLinkState: blocked: 2 ipG8032IntfInterfaceLinkState: false: 3 ipG8032IntfInterfaceLinkState: invalid: 4	1.3.6.1.4.1.36673.8032.0.1	An ipG8032RmStateChangeNotify notification is sent when there is change in G8032 F8M states.		An ipG8032RmStateChangeNotify notification is sent when there is change in G8032 F8M states.	IP-G8032-MIB.1.3.6.1.4.1.36673.8032.0.1	ipG8032MIBNotifs	
IP-G8032-MIB	ipG8032WestIntfStateChangeNotify	INFORMATIONAL			ipG8032IntfName ipG8032IntfInterfaceName ipG8032IntfInterfaceIndex ipG8032IntfInterfaceLinkState	ipG8032IntfInterfaceLinkState: unblocked: 1 ipG8032IntfInterfaceLinkState: blocked: 2 ipG8032IntfInterfaceLinkState: false: 3 ipG8032IntfInterfaceLinkState: invalid: 4	1.3.6.1.4.1.36673.8032.0.3	An ipG8032WestIntfStateChangeNotify notification is sent when there is change in west interface link and its state.		An ipG8032WestIntfStateChangeNotify notification is sent when there is change in west interface link and its state.	IP-G8032-MIB.1.3.6.1.4.1.36673.8032.0.3	ipG8032MIBNotifs	
VRPP-V3-MIB	vrpp3ProtoErr	WARNING			vrpp3StatisticsProtoErrReason	vrpp3StatisticsProtoErrReason: error: 2 vrpp3StatisticsProtoErrReason: error: 0 vrpp3StatisticsProtoErrReason: reason: error: 3 vrpp3StatisticsProtoErrReason: reason: error: 4 vrpp3StatisticsProtoErrReason: reason: error: 1	1.3.6.1.2.1.207.0.2	The notification indicates that the sending agent has encountered the protocol error indicated by vrpp3StatisticsProtoErrReason.		The notification indicates that the sending agent has encountered the protocol error indicated by vrpp3StatisticsProtoErrReason.	VRPP-V3-MIB.1.3.6.1.2.1.207.0.2	vrpp3Notifications	
VRPP-V3-MIB	vrpp3NewMaster	WARNING			vrpp3OperationsMasterIpAddr vrpp3StatisticsMasterReason	vrpp3StatisticsMasterReason: priority: 1 vrpp3StatisticsMasterReason: masterResponse: 3 vrpp3StatisticsMasterReason: preempted: 2 vrpp3StatisticsMasterReason: reason: master: 0	1.3.6.1.2.1.207.0.1	The newMaster notification indicates that the sending agent has transitioned to master state.		The newMaster notification indicates that the sending agent has transitioned to master state.	VRPP-V3-MIB.1.3.6.1.2.1.207.0.1	vrpp3Notifications	
NET-SNMP-EXAMPLES-MIB	netSnmpExampleHeartbeatNotification				netSnmpExampleHeartbeatRate		1.3.6.1.4.1.8072.2.3.0.1	An example notification, used to illustrate the definition and generation of trap and inform PDUs (including the use of both standard and additional subids in the notification payload). This notification will typically be sent every 30 seconds, using the code found in the example module agentMibGroupExamples/notification.c	Y	An example notification, used to illustrate the definition and generation of trap and inform PDUs (including the use of both standard and additional subids in the notification payload). This notification will typically be sent every 30 seconds, using the code found in the example module agentMibGroupExamples/notification.c	NET-SNMP-EXAMPLES-MIB.1.3.6.1.4.1.8072.2.3.0.1	netSnmpExampleNotificationPrefix	
HW-TABLE-UTILIZATION	hwTableUtilTrapClear	INFORMATIONAL			hwTableType	hwTableType: unknown: 1000 hwTableType: Q-table: 1	1.3.6.1.4.1.36673.122.2.1.2	Trap to send information for Full HW Table Clear.		Trap to send information for Full HW Table Clear.	HW-TABLE-UTILIZATION.1.3.6.1.4.1.36673.122.2.1.2	hwTableUtilizationAlarmNotifications	
HW-TABLE-UTILIZATION	hwTableUtilTrap	WARNING	hwTableFullTrapClear	1.3.6.1.4.1.36673.122.2.1.2	hwTableType	hwTableType: unknown: 1000 hwTableType: Q-table: 1	1.3.6.1.4.1.36673.122.2.1.1	Trap to send information for Full HW Table.		Trap to send information for Full HW Table.	HW-TABLE-UTILIZATION.1.3.6.1.4.1.36673.122.2.1.1	hwTableUtilizationAlarmNotifications	
IP-CMMA-COHERENT-MIB	cmmaCoherentRxPcs				cmmaRxCmmaRxPcs: none: 13 cmmaRxCmmaRxPcs: rxPcs: detected: 12 cmmaRxCmmaRxPcs: rxPcs: error: 7 cmmaRxCmmaRxPcs: rxPcs: error: 6 cmmaRxCmmaRxPcs: rxPcs: error: 5 cmmaRxCmmaRxPcs: rxPcs: error: 4 cmmaRxCmmaRxPcs: rxPcs: error: 3 cmmaRxCmmaRxPcs: rxPcs: error: 2 cmmaRxCmmaRxPcs: rxPcs: error: 1 cmmaRxCmmaRxPcs: rxPcs: error: 0		1.3.6.1.4.1.36673.100.1.16.3.1	Notification Sent When RX PCS alarms are raised. Zeros indicate alarm cleared		Notification Sent When RX PCS alarms are raised. Zeros indicate alarm cleared	IP-CMMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.3.1	cmmaCoherentMIBNotifications	
IP-CMMA-COHERENT-MIB	cmmaCoherentChannelRxPowerHighWarn				cmmaBackLinkIndex cmmaIndex cmmaNetIndex	cmmaBackLinkIndex: cmmaBackLinkIndex: 1 cmmaIndex: cmmaIndex: 1 cmmaNetIndex: cmmaNetIndex: 1		1.3.6.1.4.1.36673.100.1.16.2.4	Notification sent when Channel Rx power falls above High Warning Threshold		Notification sent when Channel Rx power falls above High Warning Threshold	IP-CMMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.4	cmmaCoherentChannelMIBNotifications
IP-CMMA-COHERENT-MIB	cmmaCoherentModuleVdrRecover				cmmaBackLinkIndex cmmaIndex cmmaNetIndex	cmmaBackLinkIndex: cmmaBackLinkIndex: 1 cmmaIndex: cmmaIndex: 1 cmmaNetIndex: cmmaNetIndex: 1		1.3.6.1.4.1.36673.100.1.16.1.14	Set When module voltage recover from voltage fault		Set When module voltage recover from voltage fault	IP-CMMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.14	cmmaCoherentModuleMIBNotifications
IP-CMMA-COHERENT-MIB	cmmaCoherentModuleTempHighAlarm				cmmaBackLinkIndex cmmaIndex cmmaNetIndex	cmmaBackLinkIndex: cmmaBackLinkIndex: 1 cmmaIndex: cmmaIndex: 1 cmmaNetIndex: cmmaNetIndex: 1		1.3.6.1.4.1.36673.100.1.16.1.5	Notification sent when Module temperature falls above High alarm threshold		Notification sent when Module temperature falls above High alarm threshold	IP-CMMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.5	cmmaCoherentModuleMIBNotifications
IP-CMMA-COHERENT-MIB	cmmaCoherentModuleTempLowAlarm				cmmaBackLinkIndex cmmaIndex cmmaNetIndex	cmmaBackLinkIndex: cmmaBackLinkIndex: 1 cmmaIndex: cmmaIndex: 1 cmmaNetIndex: cmmaNetIndex: 1		1.3.6.1.4.1.36673.100.1.16.1.8	Notification sent when Module temperature falls below Low alarm threshold.		Notification sent when Module temperature falls below Low alarm threshold.	IP-CMMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.8	cmmaCoherentModuleMIBNotifications
IP-CMMA-COHERENT-MIB	cmmaCoherentChannelPrefecberSigDegrad				cmmaBackLinkIndex cmmaIndex cmmaNetIndex	cmmaBackLinkIndex: cmmaBackLinkIndex: 1 cmmaIndex: cmmaIndex: 1 cmmaNetIndex: cmmaNetIndex: 1		1.3.6.1.4.1.36673.100.1.16.2.14	Notification sent when Channel Prefecber Signal cross Signal Degradate threshold		Notification sent when Channel Prefecber Signal cross Signal Degradate threshold	IP-CMMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.14	cmmaCoherentChannelMIBNotifications
IP-CMMA-COHERENT-MIB	cmmaCoherentCtpRemoved				cm								

OcNOS Version 7.0.0 SNMP Traps



Note: Each OcNOS SKU contains a set of supported features. For a list of available features based on the SKU that you purchased, refer to the OcNOS Feature Matrix .

MIB Module Name	Trap Name	Recommend Trap Severity	Clear Alarm/Trap Name	Clear Alarm Trap OID	Variables/Objects	Related Enums	OID	Trap Description	Trap Description > 255 Chars?	Event Description	Alert Names (MIB + OID)	Alarm Parent or Enterprise
IP-CMA-COHERENT-MIB	cmmCoherentModuleVoltageHighWarn				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.10	Notification sent when Module Voltage falls above High Alarm Threshold		Notification sent when Module Voltage falls above High Alarm Threshold <cmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.10	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentHostTPCS				cmmBackUnitIndex cmmSlotIndex cmmHostIndex cmmTPCS	cmmTPCSnone: 13 cmmTPCSsense-debris-detected: 12 cmmTPCSdeslew-error: 7 cmmTPCSchip-error: 6 cmmTPCSloss-of-alignment-marker-lock: 9 cmmTPCSloop-fail: 4 cmmTPCSloss-of-signal: 0 cmmTPCStransid-fault: 3 cmmTPCSloss-of-alignment: 10 cmmTPCSillegal-alignment-marker: 2 cmmTPCSloss-of-block-lock: 8 cmmTPCScpu-client-signal-fail: 11 cmmTPCSloss-of-frame: 1 cmmTPCShigh-bar: 5	1.3.6.1.4.1.36673.100.1.16.3.2	Notification Send when TX PCS alarms are raised. Zeros indicate alarm cleared		Notification Send when TX PCS alarms are raised. Zeros indicate alarm cleared <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmHostIndex><cmmHostIndex> <cmmSlotIndex><cmmSlotIndex> <cmmTPCS><cmmTPCS>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.3.2	cmmCoherentHostMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleTempHighWarn				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.6	Notification sent when Module temperature falls above High Warning threshold.		Notification sent when Module temperature falls above High Warning threshold. <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.6	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelRxPowerLowWarn				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.5	Notification sent when Channel Rx power falls below Low Warning Threshold		Notification sent when Channel Rx power falls below Low Warning Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.5	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleVoltageLowAlarm				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.13	Notification sent when Module Voltage falls below Low Alarm Threshold		Notification sent when Module Voltage falls below Low Alarm Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.13	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleGeneralStatus				cmmBackUnitIndex cmmSlotIndex cmmModuleGeneralStatus	cmmModuleGeneralStatus=network-loss-of-lock: 3 cmmModuleGeneralStatus=loss-of-signal: 2 cmmModuleGeneralStatus=host-loss-of-lock: 4 cmmModuleGeneralStatus=loss-of-alignment: 5 cmmModuleGeneralStatus=hw-interlock: 0 cmmModuleGeneralStatus=tx-loss-of-signal-functionality: 1	1.3.6.1.4.1.36673.100.1.16.1.15	Notification sent when Module General Status changes. Zeros indicate alarm cleared		Notification sent when Module General Status changes. Zeros indicate alarm cleared <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmModuleGeneralStatus><cmmModuleGeneralStatus>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.15	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelOutputPowerRecovered				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.12	Set When Channel Tx power recover from fault		Set When Channel Tx power recover from fault <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.12	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelRXQMarginOrPMAntennaRecovery				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.17	Notification sent when network RX Q-margin or PM internal value recovered from threshold.		Notification sent when network RX Q-margin or PM internal value recovered from threshold. <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.17	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleVoltageLowWarn				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.12	Notification sent when Module Voltage falls below low Warning Threshold		Notification sent when Module Voltage falls below low Warning Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.12	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleTempLowWarn				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.7	Notification sent when Module temperature falls below Low Warning threshold.		Notification sent when Module temperature falls below Low Warning threshold. <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.7	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentCplInserted				cmmBackUnitIndex cmmSlotIndex cmmNetIndex cmmModuleType	cmmModuleType=coherent: 2 cmmModuleType=non-coherent: 3 cmmModuleType=unknown: 0 cmmModuleType=dc: 1	1.3.6.1.4.1.36673.100.1.16.1.3	Notification sent when transceiver is inserted/Delected		Notification sent when transceiver is inserted/Delected <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex> <cmmModuleType><cmmModuleType>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.3	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelPrefecberSigFail				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.13	Notification sent when Channel Prefec ber Signal cross Signal Failure threshold		Notification sent when Channel Prefec ber Signal cross Signal Failure threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.13	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentRXLOSRecovered				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.2	Notification for RX LOS Alarm being Recovered		Notification for RX LOS Alarm being Recovered <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.2	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelRxPowerHighAlarm				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.3	Notification sent when Channel Rx power falls above High Alarm Threshold		Notification sent when Channel Rx power falls above High Alarm Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.3	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentHostAutStatusAlarm				cmmBackUnitIndex cmmSlotIndex cmmHostIndex cmmCoherentHostAutStatus	cmmCoherentHostAutStatus=loss-of-align: 7 cmmCoherentHostAutStatus=deslew-fault: 5 cmmCoherentHostAutStatus=mod-of-align: 6 cmmCoherentHostAutStatus=host-loss-of-lock: 3 cmmCoherentHostAutStatus=ingress-align-mis-recv: 4 cmmCoherentHostAutStatus=host-loss-of-lock: 0 cmmCoherentHostAutStatus=host-loss-of-align: 1 cmmCoherentHostAutStatus=host-loss-of-lock: 2	1.3.6.1.4.1.36673.100.1.16.3.3	Notification sent when Host fault status is changed. Zeros indicate alarm cleared		Notification sent when Host fault status is changed. Zeros indicate alarm cleared <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmHostIndex><cmmHostIndex> <cmmCoherentHostAutStatus><cmmCoherentHostAutStatus>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.3.3	cmmCoherentHostMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleVoltageHighWarn				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.11	Notification sent when Module Voltage falls above high Warning Threshold		Notification sent when Module Voltage falls above high Warning Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.11	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleTempRecovered				cmmBackUnitIndex cmmSlotIndex		1.3.6.1.4.1.36673.100.1.16.1.9	Set When module temperature recover from temperature fault		Set When module temperature recover from temperature fault <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.9	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelPrefecberSigClear				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.15	Notification sent when Channel Prefec ber Signal Recover from failure/Degrade		Notification sent when Channel Prefec ber Signal Recover from failure/Degrade <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.15	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelOutputPowerHighAlarm				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.8	Notification sent when Channel Tx power falls above High Alarm Threshold		Notification sent when Channel Tx power falls above High Alarm Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.8	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelChromaticDispersionRecovery				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.21	Notification sent when RX lane current chromatic dispersion recovered from threshold.		Notification sent when RX lane current chromatic dispersion recovered from threshold. <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.21	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelCurrentOSNRThresholdRecovery				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.19	Notification sent when network lane0 current OSNR recovered from threshold.		Notification sent when network lane0 current OSNR recovered from threshold. <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.19	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelRxPowerRecovered				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.7	Set When Channel Rx power recover from fault		Set When Channel Rx power recover from fault <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.7	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentModuleFaultStatus				cmmBackUnitIndex cmmSlotIndex cmmModuleFaultStatus	cmmModuleFaultStatus=checksum-fault: 4 cmmModuleFaultStatus=power-supply-fault: 3 cmmModuleFaultStatus=initialization-fault: 2 cmmModuleFaultStatus=hardware-fault: 1 cmmModuleFaultStatus=over-temperature-fault: 0	1.3.6.1.4.1.36673.100.1.16.1.16	Notification sent when Module fault is detected. Zeros indicate alarm cleared		Notification sent when Module fault is detected. Zeros indicate alarm cleared <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmModuleFaultStatus><cmmModuleFaultStatus>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.1.16	cmmCoherentModuleMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelChromaticDispersion				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.20	Notification sent when RX lane current chromatic dispersion crosses the threshold limit.		Notification sent when RX lane current chromatic dispersion crosses the threshold limit. <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.20	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentChannelRxPowerLowWarn				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.6	Notification sent when Channel Rx power falls below Low Alarm Threshold		Notification sent when Channel Rx power falls below Low Alarm Threshold <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.6	cmmCoherentChannelMibNotifications
IP-CMA-COHERENT-MIB	cmmCoherentRXLOS				cmmBackUnitIndex cmmSlotIndex cmmNetIndex		1.3.6.1.4.1.36673.100.1.16.2.1	Notification for RX LOS Alarm being detected		Notification for RX LOS Alarm being detected <cmmBackUnitIndex><cmmBackUnitIndex> <cmmSlotIndex><cmmSlotIndex> <cmmNetIndex><cmmNetIndex>	IP-CMA-COHERENT-MIB.1.3.6.1.4.1.36673.100.1.16.2.1	cmmCoherentChannelMibNotifications
IP-TWAMP-CLIENT-MIB	twampclientsessionstarted	INFORMATIONAL			twampClientSessionName twampClientConnectorConnectionName twampClientConnectorVName		1.3.6.1.4.1.36673.1603.0.2	The TWAMP Client session has been started with the TWAMP Server		The TWAMP Client session has been started with the TWAMP Server <twampClientSessionName><twampClientSessionName> <twampClientConnectorConnectionName><twampClientConnectorConnectionName> <twampClientConnectorVName><twampClientConnectorVName>	IP-TWAMP-CLIENT-MIB.1.3.6.1.4.1.36673.1603.0.2	ipCMLSEPhampCMLSEPClientsNotificationsPrefix
IP-TWAMP-CLIENT-MIB	twampclientsessionstopped	INFORMATIONAL			twampClientSessionName twampClientConnectorConnectionName twampClientConnectorVName		1.3.6.1.4.1.36673.1603.0.3	The TWAMP Client session has been stopped with the TWAMP Server		The TWAMP Client session has been stopped with the TWAMP Server <twampClientSessionName><twampClientSessionName> <twampClientConnectorConnectionName><twampClientConnectorConnectionName> <twampClientConnectorVName><twampClientConnectorVName>	IP-TWAMP-CLIENT-MIB.1.3.6.1.4.1.36673.1603.0.3	ipCMLSEPhampCMLSEPClientsNotificationsPrefix
IP-TWAMP-CLIENT-MIB	twampclientsessionaccepted	INFORMATIONAL			twampClientSessionName twampClientConnectorConnectionName twampClientConnectorVName		1.3.6.1.4.1.36673.1603.0.1	The TWAMP Client session has been accepted by the TWAMP Server		The TWAMP Client session has been accepted by the TWAMP Server <twampClientSessionName><twampClientSessionName> <twampClientConnectorConnectionName><twampClientConnectorConnectionName> <twampClientConnectorVName><twampClientConnectorVName>	IP-TWAMP-CLIENT-MIB.1.3.6.1.4.1.36673.1603.0.1	ipCMLSEPhampCMLSEPClientsNotificationsPrefix
IP-WATCHDOG-MIB	protocolmoduledown	WARNING	protocolmodulestarted	1.3.6.1.4.1.36673.100.1.4.0.2	softwareModuleName processProcessName processDownReason	softwareModuleName=cmd: 69 softwareModuleName=ip: 2 softwareModuleName=ipsec: 39 softwareModuleName=crypto: 4 softwareModuleName=igmp: 44 softwareModuleName=rd: 40 softwareModuleName=ospf: 6 softwareModuleName=ospf6: 7 softwareModuleName=rsd: 52 softwareModuleName=dc: 42 softwareModuleName=lldp: 37 softwareModuleName=ppp: 72 softwareModuleName=pppoe: 3 softwareModuleName=ipsec: 8 softwareModuleName=rsd: 10 softwareModuleName=rsd: 5 softwareModuleName=cmd: 24 softwareModuleName=cmd: 26 softwareModuleName=auth: 13 softwareModuleName=cmd: 17 softwareModuleName=igmp: 49 softwareModuleName=igmp: 50 softwareModuleName=rsd: 50 softwareModuleName=rsd: 34 softwareModuleName=rsd: 6 softwareModuleName=rsd: 11 softwareModuleName=rsd: 26 softwareModuleName=rsd: 19 softwareModuleName=cmd: 46	1.3.6.1.4.1.36673.100.1.4.0.1	protocol-module-down event is generated when a protocol module crashes.		protocol-module-down event is generated when a protocol module crashes. <softwareModuleName><softwareModuleName> <processProcessName><processProcessName> <processDownReason><processDownReason>	IP-WATCHDOG-MIB.1.3.6.1.4.1.36673.100.1.4.0.1	cmmSchemasObjectNotificationsPrefix

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Note: Each OcNOS SKU contains a set of supported features. For a list of available features based on the SKU that you purchased, refer to the *OcNOS Feature Matrix*.

MIB Module Name	Trap Name	Recommend Trap Severity	Clear Alarm/Trap Name	Clear Alarm Trap OID	Variables/Objects	Related Enums		OID	Trap Description	Trap Description > 255 Chars?	Event Description	Alert Names (MIB + OID)	Alarm Parent or Enterprise
MEF-SOAM-FR-MB	mefSsoamPmThresholdCrossingAlarm	INFORMATIONAL			mefSsoamPmNotificationCnCrssngType mefSsoamPmNotificationCbThresholdId mefSsoamPmNotificationCbThreshholdValg mefSsoamPmNotificationCbThreshholdValue mefSsoamPmNotificationCbSuspectTime mefSsoamPmNotificationCbDestinationMap	mefSsoamPmNotificationCnCrssngTypeAbuseAlarm: 1 mefSsoamPmNotificationCbCrssngTypenotAckAlarm: 3 mefSsoamPmNotificationCbThreshholdNotSet: 2 mefSsoamPmNotificationCbSuspectIndex: 1		1.3.6.1.4.1.15007.1.3.0.4	An mefSsoamPmThresholdCrossingAlarm notification is sent if the following conditions are met for a particular type. For an abusealarm the conditions need to be met: a) measurement of the parameter is enabled via mefSsoamLmcGyMeasuremenEnable for a LM crossing or mefSsoamLnMcMeasurementEnblable for a DM crossing; and b) the parameter threshold is configured in the mefSsoamLnThresholdCfgTable or mefSsoamDlnThresholdCfgTable; and c) the threshold crossing type of lpmThresholdClearAlarm is enabled; and d) the measured value of the parameter exceeds the value configured in the mefSsoamLnThresholdCfgTable for a LM crossing entry or mefSsoamDlnThresholdCfgTable for a DM crossing entry for a type of lpmThresholdClearAlarm; and e) no previous mefSsoamPmThresholdCrossingAlarm notifications with type AbuseAlarm have been sent relating to the same threshold in the mefSsoamLnThresholdCfgTable or mefSsoamDlnThresholdCfgTable and the same parameters during the Measurement Interval. For a soxAlarm the conditions need to be met: a) measurement of the parameter is enabled via mefSsoamLcMeasurementEnable for a LM crossing or mofSsoamDlncMeasurementEnblable for a DM crossing; and b) the parameter threshold is configured in the mefSsoamLnThresholdCfgTable or mefSsoamDlnThresholdCfgTable; and c) the threshold crossing type of lpmThresholdClearAlarm is enabled; and d) the measured value of the parameter exceeds the value configured in the mefSsoamLnThresholdCfgTable for a LM crossing entry or mofSsoamDlncMeasurementEnblable for a DM crossing entry for a type of lpmThresholdClearAlarm. In the case of thresholds applied to a maximum or average measurement counter, the previous measured value is the value of the counter at the end of the preceding Measurement interval. In the case of thresholds applied to the last measured value, it is the previous measured value. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the LMC ID/MN session reporting the threshold crossing by the indices in the mefSsoamPmNotificationCbThreshhold object, including dotIagNmIndex, dotIagNmAddress, dotIagNmIdentifier, and the mefSsoamLcnIndices or mofSsoamDlnIndices. An agent is not to generate more than one mefSsoamPmThresholdCrossingAlarm notification-event of a given type per LM or MN.	Y	An mefSsoamPmThresholdCrossingAlarm notification is sent if the following conditions are met for a particular type. For an abusealarm the conditions need to be met: a) measurement of the parameter is enabled via mefSsoamLmcGyMeasuremenEnable for a LM crossing or mefSsoamLnMcMeasurementEnblable for a DM crossing; and b) the parameter threshold is configured in the mefSsoamLnThresholdCfgTable or mefSsoamDlnThresholdCfgTable; and c) the threshold crossing type of lpmThresholdClearAlarm is enabled; and d) the measured value of the parameter exceeds the value configured in the mefSsoamLnThresholdCfgTable for a LM crossing entry or mefSsoamDlnThresholdCfgTable for a DM crossing entry for a type of lpmThresholdClearAlarm; and e) no previous mefSsoamPmThresholdCrossingAlarm notifications with type AbuseAlarm have been sent relating to the same threshold in the mefSsoamLnThresholdCfgTable or mefSsoamDlnThresholdCfgTable and the same parameters during the Measurement Interval. For a soxAlarm the conditions need to be met: a) measurement of the parameter is enabled via mefSsoamLcMeasurementEnable for a LM crossing or mofSsoamDlncMeasurementEnblable for a DM crossing; and b) the parameter threshold is configured in the mefSsoamLnThresholdCfgTable or mefSsoamDlnThresholdCfgTable; and c) the threshold crossing type of lpmThresholdClearAlarm is enabled; and d) the measured value of the parameter exceeds the value configured in the mefSsoamLnThresholdCfgTable for a LM crossing entry or mofSsoamDlncMeasurementEnblable for a DM crossing entry for a type of lpmThresholdClearAlarm. In the case of thresholds applied to a maximum or average measurement counter, the previous measured value is the value of the counter at the end of the preceding Measurement interval. In the case of thresholds applied to the last measured value, it is the previous measured value. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the LMC ID/MN session reporting the threshold crossing by the indices in the mefSsoamPmNotificationCbThreshhold object, including dotIagNmIndex, dotIagNmAddress, dotIagNmIdentifier, and the mefSsoamLcnIndices or mofSsoamDlnIndices. An agent is not to generate more than one mefSsoamPmThresholdCrossingAlarm notification-event of a given type per LM or MN.	MEF-SOAM-FR-MB 1.3.6.1.4.1.15007.1.3.0.4	mefSsoamPmNotifications
MEF-SOAM-FRAM-B	mefSoamLmSessionStartStopAlarm	INFORMATIONAL			mefSoamLmCsSessionStatus mefSoamPmNotificationCbDataAndTime mefSoamPmNotificationCbDestinationMap	mefSoamLmCsSessionStatusIndActive: 2 mefSoamLmCsSessionStatusInactive: 1		1.3.6.1.4.1.15007.1.3.0.2	An mefSoamLmSessionStartStopAlarm notification is sent when the state of mefSoamLmCsSessionStatus changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual PM session reporting the startstop by the indices in the Oid mrefSoamLmCsSessionStatus, including dotIagNmIndex, dotIagNmAddress, dotIagNmIdentifier, and mrefSoamLmCsIndexes. An agent is not to generate more than one mefSoamLmSessionStartStopAlarm notification-event in a given time interval per LM session as specified by mrefSoamPmNotificationCbAlarmlnterval. A notification event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the current alarm internal period, then notification generation for these changes are suppressed by the agent until the current alarm internal expires. At the end of an alarm internal period, one notification-event is generated if any operational state changes occurred since the start of the alarmed internal period. In such a case, another alarm internal period is started right away.	Y	An mefSoamLmSessionStartStopAlarm notification is sent when the state of mefSoamLmCsSessionStatus changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual PM session reporting the startstop by the indices in the Oid mrefSoamLmCsSessionStatus, including dotIagNmIndex, dotIagNmAddress, dotIagNmIdentifier, and mrefSoamLmCsIndexes. An agent is not to generate more than one mefSoamLmSessionStartStopAlarm notification-event in a given time interval per LM session as specified by mrefSoamPmNotificationCbAlarmlnterval. A notification event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the current alarm internal period, then notification generation for these changes are suppressed by the agent until the current alarm internal expires. At the end of an alarm internal period, one notification-event is generated if any operational state changes occurred since the start of the alarm internal period. In such a case, another alarm internal period is started right away.	MEF-SOAM-FRAM-B 1.3.6.1.4.1.15007.1.3.0.2	mefSoamPmNotifications
MEF-SOAM-FRAM-B	mefSoamDlmSessionStartStopAlarm	INFORMATIONAL			mefSoamDlmCsSessionStatus mefSoamPmNotificationCbDataAndTime mefSoamPmNotificationCbDestinationMap	mefSoamDlmCsSessionStatusIndActive: 2 mefSoamDlmCsSessionStatusInactive: 1		1.3.6.1.4.1.19007.1.3.0.3	An mefSoamDlmSessionStartStopAlarm notification is sent when the state of mefSoamDlmCsSessionStatus changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual PM session reporting the startstop by the indices in the Oid mrefSoamDlmCsSessionStatus, including dotIagNmIndex, dotIagNmAddress, dotIagNmIdentifier, and mrefSoamDlmCsIndexes. An agent is not to generate more than one mefSoamDlmSessionStartStopAlarm notification-event in a given time interval per DM session as specified by mrefSoamPmNotificationCbAlarmlnterval. A notification event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the current alarm internal period, then notification generation for these changes are suppressed by the agent until the current alarm internal expires. At the end of an alarm internal period, one notification-event is generated if any operational state changes occurred since the start of the alarm internal period. In such a case, another alarm internal period is started right away.	Y	An mefSoamDlmSessionStartStopAlarm notification is sent when the state of mefSoamDlmCsSessionStatus changes. The management entity that receives the notification can identify the system from the network source address of the notification, and can identify the individual PM session reporting the startstop by the indices in the Oid mrefSoamDlmCsSessionStatus, including dotIagNmIndex, dotIagNmAddress, dotIagNmIdentifier, and mrefSoamDlmCsIndexes. An agent is not to generate more than one mefSoamDlmSessionStartStopAlarm notification-event in a given time interval per DM session as specified by mrefSoamPmNotificationCbAlarmlnterval. A notification event is the transmission of a single notification to a list of notification destinations. If additional operational state changes occur within the current alarm internal period, then notification generation for these changes are suppressed by the agent until the current alarm internal expires. At the end of an alarm internal period, one notification-event is generated if any operational state changes occurred since the start of the alarm internal period. In such a case, another alarm internal period is started right away.	MEF-SOAM-FRAM-B 1.3.6.1.4.1.19007.1.3.0.3	mefSoamPmNotifications
IPI-CMA-EDFA-MB	cmmEdfANotifyAlarmRecovery				cmmStackUnlinIdx cmmTranIndex cmmEdfaAarmSeverity cmmEdfaAArmType cmmEdfaAcritcalMax cmmEdfaACriticalMin cmmEdfaATemperature: 1	cmmEdfaArmTemperature: 4 cmmEdfaArmsensitivity: 4 cmmEdfaAArmTypepower: 3 cmmEdfaAArmPowermargin: 5 cmmEdfaATemperature: 1		1.3.6.1.4.1.36673.100.1.2.2.2.2	Set when EDFA transceiver type recovers from alarm value		IPI-CMA-EDFA-MB 1.3.6.1.4.1.36673.100.1.2.2.2.2	cmmEdfADMMNotifications	
IPI-CMA-EDFA-MB	cmmEdfANotifyAlarm				cmmStackUnlinIdx cmmTranIndex cmmEdfaAarmSeverity cmmEdfaAArmType cmmEdfaAcritcalMax cmmEdfaACriticalMin cmmEdfaATemperature: 1	cmmEdfaArmsensitivity-criticamax: 3 cmmEdfaArmsensitivity-alarmcrit: 4 cmmEdfaAArmSeveritycriticalmax: 2 cmmEdfaAArmSeverity: 4 cmmEdfaAArmPowermargin: 5 cmmEdfaATemperature: 1		1.3.6.1.4.1.36673.100.1.2.2.2.1	Set when EDFA transceiver type exceeds alarm value		IPI-CMA-EDFA-MB 1.3.6.1.4.1.36673.100.1.2.2.2.1	cmmEdfADMMNotifications	
IPI-P-SLA-MB	cmpechoconnected	WARNING			pIpSlasmpProcessIdentifier			1.3.6.1.4.1.36673.130.0.3	Cmp-echo-disconnect is generated when timeout is observed for any of the packet in its measurement operation		IP-I-P-SLA-MB 1.3.6.1.4.1.36673.130.0.3	iPCMLSEPICSLASBPANotificationsPrefix	
IPI-P-SLA-MB	cmpechoreceived	INFORMATIONAL			pIpSlasEmpEchoProcessTest pIpSlasEmpEchoProcessTask pIpSlasEmpEchoAccessThreshold			1.3.6.1.4.1.36673.130.0.1	Cmp-echo-threshold event is generated when packet level RETT value is greater than the threshold value or when the threshold time response is not received		IP-I-P-SLA-MB 1.3.6.1.4.1.36673.130.0.1	iPCMLSEPICSLASBPANotificationsPrefix	
IPI-P-SLA-MB	cmpechotimeout	WARNING			pIpSlasEmpEchoProcessTest pIpSlasEmpEchoProcessTask pIpSlasEmpEchoAccessTimeout			1.3.6.1.4.1.36673.130.0.2	Cmp-echo-timout is generated when echo packet response is not received for any of the sent packets within the configured timeout value		IP-I-P-SLA-MB 1.3.6.1.4.1.36673.130.0.2	iPCMLSEPICSLASBPANotificationsPrefix	
PW-STD-MB	pwObjDown	MAJOR	pwObjUp	1.3.6.1.2.1.10.246.0.2	pwObjStatus pwObjStatusUp	pwObjStatusIndPresent: 3 pwObjStatusIndAbsent: 1 pwObjStatusIndDown: 6 pwObjStatusIndUp: 4 pwObjStatusIndTest: 1 pwObjStatusIndError: 5 pwObjStatusIndWarning: 2 pwObjStatusIndInfo: 1 pwObjStatusIndDebug: 0		1.3.6.1.2.1.10.246.0.1	This notification is generated when the pwObjStatus object for one or more contiguous entries in the pwTable are about to enter the down(2) or lowerLayerDown(6) state and the down(2) state are considered to be equivalent, i.e., there is no transition on transition from lowerLayerDown(6) into down(2), and there is a trap on transition from any other state except down(2) (and notPresent) into lowerLayerDown(6). The included values of pwObjStatus MUST each be equal to down(2) or lowerLayerDown(6). The two instances of pwObjStatus in this notification indicate the range of indices that are affected. Note that all the indices of the two ends of the range can be derived from the instance identifiers of these two objects. For cases where a contiguous range of cross-connects have transitioned into the down(2) and lowerLayerDown(6) states at roughly the same time, the device SHOULD issue a single notification for each range of contiguous indices in an effort to minimize the emission of a large number of notifications. If a notification has to be issued for just a single cross-connect entry, then the instance identifier (and values) of the two pwObjStatus objects MUST be identical.	Y	This notification is generated when the pwObjStatus object for one or more contiguous entries in the pwTable are about to enter the down(2) or lowerLayerDown(6) state and the down(2) state are considered to be equivalent, i.e., there is no transition on transition from lowerLayerDown(6) into down(2), and there is a trap on transition from any other state except down(2) (and notPresent) into lowerLayerDown(6). The included values of pwObjStatus MUST each be equal to down(2) or lowerLayerDown(6). The two instances of pwObjStatus in this notification indicate the range of indices that are affected. Note that all the indices of the two ends of the range can be derived from the instance identifiers of these two objects. For cases where a contiguous range of cross-connects have transitioned into the down(2) and lowerLayerDown(6) states at roughly the same time, the device SHOULD issue a single notification for each range of contiguous indices in an effort to minimize the emission of a large number of notifications. If a notification has to be issued for just a single cross-connect entry, then the instance identifier (and values) of the two pwObjStatus objects MUST be identical.	PW-STD-MB 1.3.6.1.2.1.10.246.0.1	pwNotifications
PW-STD-MB	pwObjDead	MAJOR			pwObjType pwObjId pwObjAddType pwObjAddr	pwObjType: 7 pwObjId: 8 pwObjTypeAddType: 2 pwObjTypeDest: 25 pwObjTypeConn: 8 pwObjTypeNetTagged: 4 pwObjTypeNetTag: 19 pwObjTypeNetCnf: 12 pwObjTypeNetCnf: 22 pwObjTypeNetCnf: 11 pwObjTypeNetCnf: 21 pwObjTypeNetCnf: 14 pwObjTypeNetCnf: 16 pwObjTypeNetCnf: 9 pwObjTypeNetCnf: 32767 pwObjTypeNetTag: 18 pwObjTypeNetCnf: 23 pwObjTypeNetTag: 17 pwObjTypeNetCnf: 13 pwObjTypeNetCnf: 3 pwObjTypeNetCnf: 5 pwObjTypeNetCnf: 10 pwObjTypeNetCnf: 15 pwObjTypeNetCnf: 16 pwObjTypeNetCnf: 1 							

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-BFD-MIB	bfdSessDown	bfdSessDiag	A diagnostic code specifying the local systems reason for the last transition of the session from up(4) to some other state.	0	INTEGER	echoFunctionFailed: 2 reverseConcatenatedPathDown: 8 concatenatedPathDown: 6 administrativelyDown: 7 neighborSignaledSessionDown: 3 misConnectivityDefect: 9 forwardingPlaneReset: 4 controlDetectionTimeExpired: 1 pathDown: 5 noDiagnostic: 0
IPI-BFD-MIB	bfdSessDown	bfdSessDiag	A diagnostic code specifying the local systems reason for the last transition of the session from up(4) to some other state.	1	INTEGER	echoFunctionFailed: 2 reverseConcatenatedPathDown: 8 concatenatedPathDown: 6 administrativelyDown: 7 neighborSignaledSessionDown: 3 misConnectivityDefect: 9 forwardingPlaneReset: 4 controlDetectionTimeExpired: 1 pathDown: 5 noDiagnostic: 0
IPI-BFD-MIB	bfdSessUp	bfdSessDiag	A diagnostic code specifying the local systems reason for the last transition of the session from up(4) to some other state.	0	INTEGER	echoFunctionFailed: 2 reverseConcatenatedPathDown: 8 concatenatedPathDown: 6 administrativelyDown: 7 neighborSignaledSessionDown: 3 misConnectivityDefect: 9 forwardingPlaneReset: 4 controlDetectionTimeExpired: 1 pathDown: 5 noDiagnostic: 0
IPI-BFD-MIB	bfdSessUp	bfdSessDiag	A diagnostic code specifying the local systems reason for the last transition of the session from up(4) to some other state.	1	INTEGER	echoFunctionFailed: 2 reverseConcatenatedPathDown: 8 concatenatedPathDown: 6 administrativelyDown: 7 neighborSignaledSessionDown: 3 misConnectivityDefect: 9 forwardingPlaneReset: 4 controlDetectionTimeExpired: 1 pathDown: 5 noDiagnostic: 0
OSPFV3-MIB	ospfv3VirtNbrRestartHelperStatusChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3VirtNbrRestartHelperStatusChange	ospfv3VirtNbrRestartHelperStatus	Indicates whether the router is acting as a graceful restart helper for the neighbor.	1	INTEGER	notHelping: 1 helping: 2
OSPFV3-MIB	ospfv3VirtNbrRestartHelperStatusChange	ospfv3VirtNbrRestartHelperAge	Remaining time in the current OSPF graceful restart interval, if the router is acting as a restart helper for the neighbor.	2	Ospfv3UpToRefreshIntervalTC	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
OSPFV3-MIB	ospfv3VirtNbrRestartHelperStatusChange	ospfv3VirtNbrRestartHelperExitReason	Describes the outcome of the last attempt at acting as a graceful restart helper for the neighbor. none: no restart has yet been attempted. inProgress: a restart attempt is currently underway. completed: the last restart completed successfully. timedOut: the last restart timed out. topologyChanged: the last restart was aborted due to a topology change.	3	INTEGER	inProgress: 2 none: 1 timedOut: 4 topologyChanged: 5 completed: 3
OSPFV3-MIB	ospfv3LsdbApproachingOverflow	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3LsdbApproachingOverflow	ospfv3ExtAreaLsdbLimit	The maximum number of non-default AS-external-LSA entries that can be stored in the link state database. If the value is -1, then there is no limit. When the number of non-default AS-external-LSAs in a routers link state database reaches ospfv3ExtAreaLsdbLimit, the router enters Overflow state. The router never holds more than ospfv3ExtAreaLsdbLimit non-default AS-external-LSAs in its database. ospfv3ExtAreaLsdbLimit MUST be set identically in all routers attached to the OSPFv3 backbone and/or any regular OSPFv3 area (i.e., OSPFv3 stub areas and not-so-stubby-areas (NSSAs) are excluded). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	1	INTEGER32	
OSPFV3-MIB	ospfv3NbrStateChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3NbrStateChange	ospfv3NbrState	The state of the relationship with this neighbor.	1	INTEGER	loading: 7 twoWay: 4 attempt: 2 exchangeStart: 5 down: 1 full: 8 exchange: 6 init: 3
OSPFV3-MIB	ospfv3NbrRestartHelperStatusChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3NbrRestartHelperStatusChange	ospfv3NbrRestartHelperStatus	Indicates whether the router is acting as a graceful restart helper for the neighbor.	1	INTEGER	notHelping: 1 helping: 2
OSPFV3-MIB	ospfv3NbrRestartHelperStatusChange	ospfv3NbrRestartHelperAge	Remaining time in current OSPF graceful restart interval, if the router is acting as a restart helper for the neighbor.	2	Ospfv3UpToRefreshIntervalTC	
OSPFV3-MIB	ospfv3NbrRestartHelperStatusChange	ospfv3NbrRestartHelperExitReason	Describes the outcome of the last attempt at acting as a graceful restart helper for the neighbor. none: no restart has yet been attempted. inProgress: a restart attempt is currently underway. completed: the last restart completed successfully. timedOut: the last restart timed out. topologyChanged: the last restart was aborted due to a topology change.	3	INTEGER	inProgress: 2 none: 1 timedOut: 4 topologyChanged: 5 completed: 3
OSPFV3-MIB	ospfv3IfRxBadPacket	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3IfRxBadPacket	ospfv3IfState	The OSPFv3 interface state. An interface may be in standby state if there are multiple interfaces on the link and another interface is active. The interface may be in Down state if the underlying IPv6 interface is down or if the admin status is disabled either globally or for the interface.	1	INTEGER	otherDesignatedRouter: 7 standby: 8 backupDesignatedRouter: 6 waiting: 3 pointToPoint: 4 down: 1 loopback: 2 designatedRouter: 5
OSPFV3-MIB	ospfv3IfRxBadPacket	ospfv3PacketSrc	The IPv6 address of an inbound packet that cannot be identified by a neighbor instance. Only IPv6 addresses without zone index are expected.	2	InetAddressIPv6	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
OSPFV3-MIB	ospfv3IfRxBadPacket	ospfv3PacketType	OSPFv3 packet types.	3	INTEGER	nullPacket: 6 hello: 1 lsReq: 3 dbDescript: 2 lsAck: 5 lsUpdate: 4
OSPFV3-MIB	ospfv3NssaTranslatorStatusChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3NssaTranslatorStatusChange	ospfv3AreaNssaTranslatorState	Indicates if and how an NSSA border router is performing NSSA translation of NSSA LSAs into AS-External-LSAs. When this object is set to enabled, the NSSA border routers ospfv3AreaNssaTranslatorRole has been set to always. When this object is set to elected, a candidate NSSA border router is translating NSSA-LSAs into AS-External-LSAs. When this object is set to disabled, a candidate NSSA Border router is NOT translating NSSA-LSAs into AS-External-LSAs.	1	INTEGER	disabled: 3 elected: 2 enabled: 1
OSPFV3-MIB	ospfv3IfConfigError	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3IfConfigError	ospfv3IfState	The OSPFv3 interface state. An interface may be in standby state if there are multiple interfaces on the link and another interface is active. The interface may be in Down state if the underlying IPv6 interface is down or if the admin status is disabled either globally or for the interface.	1	INTEGER	otherDesignatedRouter: 7 standby: 8 backupDesignatedRouter: 6 waiting: 3 pointToPoint: 4 down: 1 loopback: 2 designatedRouter: 5
OSPFV3-MIB	ospfv3IfConfigError	ospfv3PacketSrc	The IPv6 address of an inbound packet that cannot be identified by a neighbor instance. Only IPv6 addresses without zone index are expected.	2	InetAddressIPv6	
OSPFV3-MIB	ospfv3IfConfigError	ospfv3ConfigErrorType	Potential types of configuration conflicts. Used by the ospfv3ConfigError and ospfv3ConfigVirtError notifications.	3	INTEGER	duplicateRouterId: 9 helloIntervalMismatch: 5 noError: 10 areaMismatch: 2 badVersion: 1 unknownVirtualNbr: 4 deadIntervalMismatch: 6 mtuMismatch: 8 unknownNbmaNbr: 3 optionMismatch: 7
OSPFV3-MIB	ospfv3IfConfigError	ospfv3PacketType	OSPFv3 packet types.	4	INTEGER	nullPacket: 6 hello: 1 lsReq: 3 dbDescript: 2 lsAck: 5 lsUpdate: 4
OSPFV3-MIB	ospfv3VirtIfStateChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3VirtIfStateChange	ospfv3VirtIfState	OSPF virtual interface states. The same encoding as the ospfv3IfTable is used.	1	INTEGER	pointToPoint: 4 down: 1
OSPFV3-MIB	ospfv3RestartStatusChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
OSPFV3-MIB	ospfv3RestartStatusChange	ospfv3RestartStatus	The current status of OSPF graceful restart capability.	1	INTEGER	notRestarting: 1 unplannedRestart: 3 plannedRestart: 2
OSPFV3-MIB	ospfv3RestartStatusChange	ospfv3RestartInterval	Configured OSPF graceful restart timeout interval. This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	2	Ospfv3UpToRefreshIntervalTC	
OSPFV3-MIB	ospfv3RestartStatusChange	ospfv3RestartExitReason	Describes the outcome of the last attempt at a graceful restart. none: no restart has yet been attempted. inProgress: a restart attempt is currently underway. completed: the last restart completed successfully. timedOut: the last restart timed out. topologyChanged: the last restart was aborted due to a topology change.	3	INTEGER	inProgress: 2 none: 1 timedOut: 4 topologyChanged: 5 completed: 3
OSPFV3-MIB	ospfv3VirtIfConfigError	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3VirtIfConfigError	ospfv3VirtIfState	OSPF virtual interface states. The same encoding as the ospfv3IfTable is used.	1	INTEGER	pointToPoint: 4 down: 1
OSPFV3-MIB	ospfv3VirtIfConfigError	ospfv3ConfigErrorType	Potential types of configuration conflicts. Used by the ospfv3ConfigError and ospfv3ConfigVirtError notifications.	2	INTEGER	duplicateRouterId: 9 helloIntervalMismatch: 5 noError: 10 areaMismatch: 2 badVersion: 1 unknownVirtualNbr: 4 deadIntervalMismatch: 6 mtuMismatch: 8 unknownNbmaNbr: 3 optionMismatch: 7
OSPFV3-MIB	ospfv3VirtIfConfigError	ospfv3PacketType	OSPFv3 packet types.	3	INTEGER	nullPacket: 6 hello: 1 lsReq: 3 dbDescript: 2 lsAck: 5 lsUpdate: 4
OSPFV3-MIB	ospfv3VirtNbrStateChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3VirtNbrStateChange	ospfv3VirtNbrState	The state of the virtual neighbor relationship.	1	INTEGER	loading: 7 twoWay: 4 attempt: 2 exchangeStart: 5 down: 1 full: 8 exchange: 6 init: 3
OSPFV3-MIB	ospfv3VirtIfRxBadPacket	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3VirtIfRxBadPacket	ospfv3VirtIfState	OSPF virtual interface states. The same encoding as the ospfv3IfTable is used.	1	INTEGER	pointToPoint: 4 down: 1
OSPFV3-MIB	ospfv3VirtIfRxBadPacket	ospfv3PacketType	OSPFv3 packet types.	2	INTEGER	nullPacket: 6 hello: 1 lsReq: 3 dbDescript: 2 lsAck: 5 lsUpdate: 4

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
OSPFV3-MIB	ospfv3IfStateChange	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3IfStateChange	ospfv3IfState	The OSPFv3 interface state. An interface may be in standby state if there are multiple interfaces on the link and another interface is active. The interface may be in Down state if the underlying IPv6 interface is down or if the admin status is disabled either globally or for the interface.	1	INTEGER	otherDesignatedRouter: 7 standby: 8 backupDesignatedRouter: 6 waiting: 3 pointToPoint: 4 down: 1 loopback: 2 designatedRouter: 5
OSPFV3-MIB	ospfv3LsdbOverflow	ospfv3RouterId	A 32-bit unsigned integer uniquely identifying the router in the Autonomous System. To ensure uniqueness, this may default to the 32-bit unsigned integer representation of one of the routers IPv4 interface addresses (if IPv4 is configured on the router). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	0	Ospfv3RouterIdTC	
OSPFV3-MIB	ospfv3LsdbOverflow	ospfv3ExtAreaLsdbLimit	The maximum number of non-default AS-external-LSA entries that can be stored in the link state database. If the value is -1, then there is no limit. When the number of non-default AS-external-LSAs in a routers link state database reaches ospfv3ExtAreaLsdbLimit, the router enters Overflow state. The router never holds more than ospfv3ExtAreaLsdbLimit non-default AS-external-LSAs in its database. ospfv3ExtAreaLsdbLimit MUST be set identically in all routers attached to the OSPFv3 backbone and/or any regular OSPFv3 area (i.e., OSPFv3 stub areas and not-so-stubby-areas (NSSAs) are excluded). This object is persistent, and when written, the entity SHOULD save the change to non-volatile storage.	1	INTEGER32	
LLDP-V2-MIB	lldpV2RemTablesChange	lldpV2StatsRemTablesInserts	The number of times the complete set of information advertised by a particular MSAP has been inserted into tables contained in lldpV2RemoteSystemsData and lldpV2Extensions objects. The complete set of information received from a particular MSAP should be inserted into related tables. If partial information cannot be inserted for a reason such as lack of resources, all of the complete set of information should be removed. This counter should be incremented only once after the complete set of information is successfully recorded in all related tables. Any failures during inserting information set that result in deletion of previously inserted information should not trigger any changes in lldpV2StatsRemTablesInserts since the insert is not completed yet or in lldpStatsRemTablesDeletes since the deletion would only be a partial deletion. If the failure was the result of lack of resources, the lldpStatsRemTablesDrops counter should be incremented once.	0	ZeroBasedCounter32	
LLDP-V2-MIB	lldpV2RemTablesChange	lldpV2StatsRemTablesDeletes	The number of times the complete set of information advertised by a particular MSAP has been deleted from tables contained in lldpV2RemoteSystemsData and lldpV2Extensions objects. This counter should be incremented only once when the complete set of information is completely deleted from all related tables. Partial deletions, such as deletion of rows associated with a particular MSAP from some tables, but not from all tables are not allowed, thus should not change the value of this counter.	1	ZeroBasedCounter32	
LLDP-V2-MIB	lldpV2RemTablesChange	lldpV2StatsRemTablesDrops	The number of times the complete set of information advertised by a particular MSAP could not be entered into tables contained in lldpV2RemoteSystemsData and lldpV2Extensions objects because of insufficient resources.	2	ZeroBasedCounter32	
LLDP-V2-MIB	lldpV2RemTablesChange	lldpV2StatsRemTablesAgeouts	The number of times the complete set of information advertised by a particular MSAP has been deleted from tables contained in lldpV2RemoteSystemsData and lldpV2Extensions objects because the information timeliness interval has expired. This counter should be incremented only once when the complete set of information is completely invalidated (aged out) from all related tables. Partial ageing, similar to deletion case, is not allowed, and thus, should not change the value of this counter.	3	ZeroBasedCounter32	
IPI-TWAMP-SESSION-MIB	twampsessionmeasurementthresholdcrossed	ipiTwampSessionSessionSessionName	TWAMP End-to-End Session name	0	OCTETSTR	
IPI-TWAMP-SESSION-MIB	twampsessionmeasurementthresholdcrossed	ipiTwampSessionLastCalculatedAverageDelay	This attribute represents the average delay value	1	COUNTER64	
IPI-TWAMP-SESSION-MIB	twampsessionmeasurementlosschanged	ipiTwampSessionSessionSessionName	TWAMP End-to-End Session name	0	OCTETSTR	
IPI-TWAMP-SESSION-MIB	twampsessionmeasurementlosschanged	ipiTwampSessionLastCalculatedPacketLoss	This attribute represents the percentage of lost packets in a measurement interval	1	OCTETSTR	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
INTEGRATED-SERVICES-MIB	newFlow	intSrvFlowStatus	active for all active flows. This object may be used to install static classifier information, delete classifier information, or authorize such.	0	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
RSVP-MIB	newFlow	rsvpSessionDestAddr	The destination address used by all senders in this session. This object may not be changed when the value of the RowStatus object is active.	1	OCTETSTR	
RSVP-MIB	newFlow	rsvpResvFwdStatus	active for all active RESV messages. This object may be used to delete RESV information.	2	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
RSVP-MIB	newFlow	rsvpResvStatus	active for all active RESV messages. This object may be used to install static RESV information or delete RESV information.	3	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
RSVP-MIB	newFlow	rsvpSenderStatus	active for all active PATH messages. This object may be used to install static PATH information or delete PATH information.	4	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
INTEGRATED-SERVICES-MIB	lostFlow	intSrvFlowStatus	active for all active flows. This object may be used to install static classifier information, delete classifier information, or authorize such.	0	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
RSVP-MIB	lostFlow	rsvpSessionDestAddr	The destination address used by all senders in this session. This object may not be changed when the value of the RowStatus object is active.	1	OCTETSTR	
RSVP-MIB	lostFlow	rsvpResvFwdStatus	active for all active RESV messages. This object may be used to delete RESV information.	2	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
RSVP-MIB	lostFlow	rsvpResvStatus	active for all active RESV messages. This object may be used to install static RESV information or delete RESV information.	3	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
RSVP-MIB	lostFlow	rsvpSenderStatus	active for all active PATH messages. This object may be used to install static PATH information or delete PATH information.	4	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
IPI-IGP-TE-MIB	twampdelaymeasurementlosschanged	ipilgpTeTwampSessionParameterReflectorIp	Use this attribute to set the reflector IP and start TWAMP delay measurement for the interface	0	OCTETSTR	
IPI-IGP-TE-MIB	twampdelaymeasurementlosschanged	ipilgpTeInterfaceName	Interface name for which igp-te params are being configured	1	OCTETSTR	
IPI-IGP-TE-MIB	twampdelaymeasurementlosschanged	ipilgpTeTwampSessionParameterLastAdvertisedPacketLoss	This attribute represents the percentage of lost packets in a measurement interval	2	OCTETSTR	
IPI-IGP-TE-MIB	twampdelaymeasurementthresholdcrossed	ipilgpTeTwampSessionParameterReflectorIp	Use this attribute to set the reflector IP and start TWAMP delay measurement for the interface	0	OCTETSTR	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-IGP-TE-MIB	twampdelaymeasurementthresholdcrossed	ipilgpTeInterfaceName	Interface name for which igp-te params are being configured	1	OCTETSTR	
IPI-IGP-TE-MIB	twampdelaymeasurementthresholdcrossed	ipilgpTeTwampSessionParameterLastCalculatedAverageDelay	This attribute represents the average delay value	2	COUNTER64	
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmId	References the unique alarm id	0	OCTETSTR	
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmResource	The item that is under alarm within the device	1	OCTETSTR	
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmText	The string used to inform operators about the alarm	2	OCTETSTR	
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmTimeCreated	The time at which the alarm was raised by the system. This value is expressed relative to the Unix Epoch	3	TICKS	
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmAlarmReportedTimestamp	The date-time at which the alarm was raised by the system	4	OCTETSTR	
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmAlarmSeverity	The severity level indicating the criticality and impact of the alarm	5	INTEGER	critical: 0 unknown: 4 warning: 3 minor: 2 major: 1
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmTypeId	The abbreviated name of the alarm	6	INTEGER	ots: 3 unknown: 5 los: 2 ais: 0 eqpt: 1 opwr: 4
IPI-ALARMS-MIB	alarm	ipiAlarmsAlarmsIsClear	Indicates if this alarm is a clear alarm or not	7	INTEGER	false: 0 true: 1
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031ProtectionGroupIndex	This object specifies the G8031 ProtectionGroup Index.	0	INTEGER32	
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031InstName	This object specifies the configured G8031 Instance Name.	1	DisplayString	
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031InstWorkingPortName	This object specifies the configured working port name.	2	DisplayString	
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031InstWorkingPortIndex	This object specifies the configured working port ifindex.	3	INTEGER32	
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031InstProtectionPortName	This object specifies the cofigured protection port name.	4	DisplayString	
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031InstProtectionPortIndex	This object specifies the configured protection port ifindex.	5	INTEGER32	
IPI-G8031-MIB	ipiG8031ActivePathNotify	ipiG8031ActivePath	This object specifies the whether the active path(transport entity) is working or protection port.	6	IpiG8031ActivePathType	protection-port: 2 working-port: 1
PIM-STD-MIB	pimInvalidRegister	pimGroupMappingPimMode	The PIM mode to be used for groups in this group prefix.	0	PimMode	dm: 5 ssm: 2 none: 1 other: 6 bidir: 4 asm: 3
PIM-STD-MIB	pimInvalidRegister	pimInvalidRegisterAddressType	The address type stored in pimInvalidRegisterOrigin, pimInvalidRegisterGroup, and pimInvalidRegisterRp. If no invalid Register messages have been received, then this object is set to unknown(0).	1	InetAddressType	dns: 16 ipv6: 2 ipv4: 1 unknown: 0 ipv4z: 3 ipv6z: 4
PIM-STD-MIB	pimInvalidRegister	pimInvalidRegisterOrigin	The source address of the last invalid Register message received by this device.	2	InetAddress	
PIM-STD-MIB	pimInvalidRegister	pimInvalidRegisterGroup	The IP multicast group address to which the last invalid Register message received by this device was addressed.	3	InetAddress	
PIM-STD-MIB	pimInvalidRegister	pimInvalidRegisterRp	The RP address to which the last invalid Register message received by this device was delivered.	4	InetAddress	
PIM-STD-MIB	pimRPMappingChange	pimGroupMappingPimMode	The PIM mode to be used for groups in this group prefix.	0	PimMode	dm: 5 ssm: 2 none: 1 other: 6 bidir: 4 asm: 3
PIM-STD-MIB	pimRPMappingChange	pimGroupMappingPrecedence	The precedence of this row, used in the algorithm that determines which row applies to a given group address (described above). Numerically higher values for this object indicate lower precedences, with the value zero denoting the highest precedence. The absolute values of this object have a significance only on the local router and do not need to be coordinated with other routers.	1	UNSIGNED32	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
PIM-STD-MIB	pimInterfaceElection	pimInterfaceAddressType	The address type of this PIM interface.	0	InetAddressType	dns: 16 ipv6: 2 ipv4: 1 unknown: 0 ipv4z: 3 ipv6z: 4
PIM-STD-MIB	pimInterfaceElection	pimInterfaceAddress	The primary IP address of this router on this PIM interface. The InetAddressType is given by the pimInterfaceAddressType object.	1	InetAddress	
PIM-STD-MIB	pimInvalidJoinPrune	pimGroupMappingPimMode	The PIM mode to be used for groups in this group prefix.	0	PimMode	dm: 5 ssm: 2 none: 1 other: 6 bidir: 4 asm: 3
PIM-STD-MIB	pimInvalidJoinPrune	pimInvalidJoinPruneAddressType	The address type stored in pimInvalidJoinPruneOrigin, pimInvalidJoinPruneGroup, and pimInvalidJoinPruneRp. If no invalid Join/Prune messages have been received, this object is set to unknown(0).	1	InetAddressType	dns: 16 ipv6: 2 ipv4: 1 unknown: 0 ipv4z: 3 ipv6z: 4
PIM-STD-MIB	pimInvalidJoinPrune	pimInvalidJoinPruneOrigin	The source address of the last invalid Join/Prune message received by this device.	2	InetAddress	
PIM-STD-MIB	pimInvalidJoinPrune	pimInvalidJoinPruneGroup	The IP multicast group address carried in the last invalid Join/Prune message received by this device.	3	InetAddress	
PIM-STD-MIB	pimInvalidJoinPrune	pimInvalidJoinPruneRp	The RP address carried in the last invalid Join/Prune message received by this device.	4	InetAddress	
PIM-STD-MIB	pimInvalidJoinPrune	pimNeighborUpTime	The time since this PIM neighbor (last) became a neighbor of the local router.	5	TICKS	
PIM-STD-MIB	pimNeighborLoss	pimNeighborUpTime	The time since this PIM neighbor (last) became a neighbor of the local router.	0	TICKS	
PCE-PCEP-MIB	pcePcepSessPeerOverloadClear	pcePcepSessPeerOverloaded	If the peer has informed the local PCEP entity that it is currently overloaded, then this is set to true. Otherwise, it is set to false.	0	TruthValue	false: 2 true: 1
PCE-PCEP-MIB	pcePcepSessLocalOverloadClear	pcePcepSessOverloaded	If the local PCEP entity has informed the peer that it is currently overloaded, then this is set to true. Otherwise, it is set to false.	0	TruthValue	false: 2 true: 1
PCE-PCEP-MIB	pcePcepSessLocalOverload	pcePcepSessOverloaded	If the local PCEP entity has informed the peer that it is currently overloaded, then this is set to true. Otherwise, it is set to false.	0	TruthValue	false: 2 true: 1
PCE-PCEP-MIB	pcePcepSessLocalOverload	pcePcepSessOverloadTime	The interval of time that is remaining until the local PCEP entity will cease to be overloaded on this session. This field is only used if pcePcepSessOverloaded is set to true. Otherwise, it is not used and MUST be set to zero.	1	UNSIGNED32	
PCE-PCEP-MIB	pcePcepSessUp	pcePcepSessState	The current state of the session. The set of possible states excludes the idle state since entries do not exist in this table in the idle state.	0	INTEGER	keepWait: 3 sessionUp: 4 tcpPending: 1 openWait: 2
PCE-PCEP-MIB	pcePcepSessUp	pcePcepSessStateLastChange	The value of sysUpTime at the time this session entered its current state as denoted by the pcePcepSessState object.	1	TimeStamp	
PCE-PCEP-MIB	pcePcepSessPeerOverload	pcePcepSessPeerOverloaded	If the peer has informed the local PCEP entity that it is currently overloaded, then this is set to true. Otherwise, it is set to false.	0	TruthValue	false: 2 true: 1
PCE-PCEP-MIB	pcePcepSessPeerOverload	pcePcepSessPeerOverloadTime	The interval of time that is remaining until the peer will cease to be overloaded. If it is not known how long the peer will stay in overloaded state, this field is set to zero. This field is only used if pcePcepSessPeerOverloaded is set to true. Otherwise, it is not used and MUST be set to zero.	1	UNSIGNED32	
PCE-PCEP-MIB	pcePcepSessDown	pcePcepSessState	The current state of the session. The set of possible states excludes the idle state since entries do not exist in this table in the idle state.	0	INTEGER	keepWait: 3 sessionUp: 4 tcpPending: 1 openWait: 2
PCE-PCEP-MIB	pcePcepSessDown	pcePcepSessStateLastChange	The value of sysUpTime at the time this session entered its current state as denoted by the pcePcepSessState object.	1	TimeStamp	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
MPLS-LDP-STD-MIB	mplsLdpPathVectorLimitMismatch	mplsLdpEntityPathVectorLimit	If the value of this object is 0 (zero) then Loop Detection for Path Vectors is disabled. Otherwise, if this object has a value greater than zero, then Loop Dection for Path Vectors is enabled, and the Path Vector Limit is this value. Also, the value of the object, mplsLdpLsrLoopDetectionCapable, must be set to either pathVector(4) or hopCountAndPathVector(5), if this object has a value greater than 0 (zero), otherwise it is ignored.	0	INTEGER32	
MPLS-LDP-STD-MIB	mplsLdpPathVectorLimitMismatch	mplsLdpPeerPathVectorLimit	If the value of this object is 0 (zero) then Loop Dection for Path Vectors for this Peer is disabled. Otherwise, if this object has a value greater than zero, then Loop Dection for Path Vectors for this Peer is enabled and the Path Vector Limit is this value.	1	INTEGER32	
MPLS-LDP-STD-MIB	mplsLdpInitSessionThresholdExceeded	mplsLdpEntityInitSessionThreshold	When attempting to establish a session with a given Peer, the given LDP Entity should send out the SNMP notification, mplsLdpInitSessionThresholdExceeded, when the number of Session Initialization messages sent exceeds this threshold. The notification is used to notify an operator when this Entity and its Peer are possibly engaged in an endless sequence of messages as each NAKs the others Initialization messages with Error Notification messages. Setting this threshold which triggers the notification is one way to notify the operator. The notification should be generated each time this threshold is exceeded and for every subsequent Initialization message which is NAKd with an Error Notification message after this threshold is exceeded. A value of 0 (zero) for this object indicates that the threshold is infinity, thus the SNMP notification will never be generated.	0	INTEGER32	
MPLS-LDP-STD-MIB	mplsLdpSessionUp	mplsLdpSessionState	The current state of the session, all of the states 1 to 5 are based on the state machine for session negotiation behavior.	0	INTEGER	initialized: 2 operational: 5 nonexistent: 1 openrec: 3 opensent: 4
MPLS-LDP-STD-MIB	mplsLdpSessionUp	mplsLdpSessionDiscontinuityTime	The value of sysUpTime on the most recent occasion at which any one or more of this sessions counters suffered a discontinuity. The relevant counters are the specific instances associated with this session of any Counter32 object contained in the mplsLdpSessionStatsTable. The initial value of this object is the value of sysUpTime when the entry was created in this table. Also, a command generator can distinguish when a session between a given Entity and Peer goes away and a new session is established. This value would change and thus indicate to the command generator that this is a different session.	1	TimeStamp	
MPLS-LDP-STD-MIB	mplsLdpSessionUp	mplsLdpSessionStatsUnknownMesTypeErrors	This object counts the number of Unknown Message Type Errors detected by this LSR/LER during this session. Discontinuities in the value of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of mplsLdpSessionDiscontinuityTime.	2	COUNTER	
MPLS-LDP-STD-MIB	mplsLdpSessionUp	mplsLdpSessionStatsUnknownTlvErrors	This object counts the number of Unknown TLV Errors detected by this LSR/LER during this session. Discontinuities in the value of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of mplsLdpSessionDiscontinuityTime.	3	COUNTER	
MPLS-LDP-STD-MIB	mplsLdpSessionDown	mplsLdpSessionState	The current state of the session, all of the states 1 to 5 are based on the state machine for session negotiation behavior.	0	INTEGER	initialized: 2 operational: 5 nonexistent: 1 openrec: 3 opensent: 4
MPLS-LDP-STD-MIB	mplsLdpSessionDown	mplsLdpSessionDiscontinuityTime	The value of sysUpTime on the most recent occasion at which any one or more of this sessions counters suffered a discontinuity. The relevant counters are the specific instances associated with this session of any Counter32 object contained in the mplsLdpSessionStatsTable. The initial value of this object is the value of sysUpTime when the entry was created in this table. Also, a command generator can distinguish when a session between a given Entity and Peer goes away and a new session is established. This value would change and thus indicate to the command generator that this is a different session.	1	TimeStamp	
MPLS-LDP-STD-MIB	mplsLdpSessionDown	mplsLdpSessionStatsUnknownMesTypeErrors	This object counts the number of Unknown Message Type Errors detected by this LSR/LER during this session. Discontinuities in the value of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of mplsLdpSessionDiscontinuityTime.	2	COUNTER	
MPLS-LDP-STD-MIB	mplsLdpSessionDown	mplsLdpSessionStatsUnknownTlvErrors	This object counts the number of Unknown TLV Errors detected by this LSR/LER during this session. Discontinuities in the value of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of mplsLdpSessionDiscontinuityTime.	3	COUNTER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IF-MIB	ifQueueDrop	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifQueueDrop	queueId	The queue Id which indexes the queue stats entry for unicast, multicast and priority group queues.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	ifQueueDrop	ifQueueDropPkts	The number of tx packets that are dropped in the queue on an interface.	2	COUNTER64	
IF-MIB	ifTxSpeedRecovery	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IF-MIB	ifStormControlDiscardStopTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStopTrap	ifStormCtrlBcastEnable	ifStormCtrlBcastEnable defines whether broadcast storm control is enabled or disabled. 0 - broadcast storm control is enabled 1 - broadcast storm control is disabled	1	TruthValue	false: 2 true: 1
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStopTrap	ifStormCtrlMcastEnable	ifStormCtrlMcastEnable defines whether multicast storm control is enabled or disabled. 0 - multicast storm control is enabled 1 - multicast storm control is disabled	2	TruthValue	false: 2 true: 1
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStopTrap	ifStormCtrlDLFEnable	ifStormCtrlDLFEnable defines whether DLF storm control is enabled or disabled. 0 - DLF storm control is enabled 1 - DLF storm control is disabled	3	TruthValue	false: 2 true: 1
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStopTrap	ifStormCtrlTotalDiscards	Storm control DLF Discard packets count.	4	COUNTER64	
IF-MIB	ifPFCPauseRecdTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifPFCPauseRecdTrap	queueId	The queue Id which indexes the queue stats entry for unicast, multicast and priority group queues.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	ifPFCPauseRecdTrap	ifQueuePFCPauseRecdPkts	The number of PFC Pause frames that are received through the queue on an interface.	2	COUNTER64	
IF-MIB	ifBandwidthCloseAlarm	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifBandwidthCloseAlarm	ifCurBandwidth	Interface current bandwidth.	1	INTEGER32	
IF-MIB	ifTxSpeedHigh	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifTxSpeedHigh	ifTxAvgRatePercent	Average transmitted traffic rate percentage on the port referred by the index. Value of -1 indicates rate percentage is not applicable.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	ifTxSpeedHigh	ifTxCurrentAvgSpeed	Current average transmit speed on the interface calculated over the load interval of the interface.	2	COUNTER64	
IF-MIB	ifTxSpeedMax	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifTxSpeedMax	ifTxCurrentAvgSpeed	Current average transmit speed on the interface calculated over the load interval of the interface.	1	COUNTER64	
IPI-CUSTOMIF-STATS-MIB	cpuQueueFull	cpuQueueName	CPU Queue Name corresponding to the QueueId.	0	DisplayString	
IPI-CUSTOMIF-STATS-MIB	cpuQueueFull	cpuTxRatePercent	Percentage of control packets transmitted in the CPU queue. Value of -1 indicates rate percentage is not applicable.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	cpuQueueFull	cpuTxPps	Transmitted packets packets/sec for the CPU queue.	2	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	cpuQueueFull	cpuTxDroppedPktsLastIncrement	The number of Last Dropped Pkts in the corresponding CPU queue. This is Updated at every 5sec interval.	3	COUNTER64	
IPI-CUSTOMIF-STATS-MIB	cpuQueueFull	cpuTxDroppedPktsLastIncrementTime	Last increment time of Tx Dropped Packets in CPU Queue. This is Updated at every 5sec interval.	4	DateAndTime	
IF-MIB	ifECNMarkedTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
	ifECNMarkedTrap			1		
IPI-CUSTOMIF-STATS-MIB	cpuOversizeErrorPktsTrap	cpuRxOversizeLastIncrement	Last inbound packets whose size are more than maximum transmission unit size. This is Updated at every 5sec interval.	0	COUNTER64	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IF-MIB	ifCRCErrPktsTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifCRCErrPktsTrap	ifRxBadCrcLastIncrement	Last inbound packets which are chosen to be discarded, since the packets have bad or no CRC. This is Updated at every 5sec interval.	1	COUNTER64	
IF-MIB	ifBandwidthStartNotification	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifBandwidthStartNotification	ifCurBandwidth	Interface current bandwidth.	1	INTEGER32	
IF-MIB	ifStormControlDiscardStartTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStartTrap	ifStormCtrlBcastEnable	ifStormCtrlBcastEnable defines whether broadcast storm control is enabled or disabled. 0 - broadcast storm control is enabled 1 - broadcast storm control is disabled	1	TruthValue	false: 2 true: 1
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStartTrap	ifStormCtrlMcastEnable	ifStormCtrlMcastEnable defines whether multicast storm control is enabled or disabled. 0 - multicast storm control is enabled 1 - multicast storm control is disabled	2	TruthValue	false: 2 true: 1
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStartTrap	ifStormCtrlDLFEnable	ifStormCtrlDLFEnable defines whether DLF storm control is enabled or disabled. 0 - DLF storm control is enabled 1 - DLF storm control is disabled	3	TruthValue	false: 2 true: 1
IPI-CUSTOMIF-STATS-MIB	ifStormControlDiscardStartTrap	ifStormCtrlTotalDiscards	Storm control DLF Discard packets count.	4	COUNTER64	
IF-MIB	ifFragmentErrorPktsTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifFragmentErrorPktsTrap	ifRxFragmentLastIncrement	Last inbound packets discarded whose size are less than 64 octets (which exclude framing bits, but include the FCS) and have a bad FCS value. This is Updated at every 5sec interval.	1	COUNTER64	
IF-MIB	ifPFCPauseSentTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifPFCPauseSentTrap	queueId	The queue Id which indexes the queue stats entry for unicast, multicast and priority group queues.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	ifPFCPauseSentTrap	ifQueuePFCPauseSentPkts	The number of PFC Pause frames that are sent through the queue on an interface.	2	COUNTER64	
IF-MIB	ifRxSpeedHigh	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifRxSpeedHigh	ifRxAvgRatePercent	Average received traffic rate percentage on the port referred by the index. Value of -1 indicates rate percentage is not applicable.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	ifRxSpeedHigh	ifRxCurrentAvgSpeed	Current average receive speed on the interface calculated over the load interval of the interface.	2	COUNTER64	
IF-MIB	ifOversizeErrorPktsTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifOversizeErrorPktsTrap	ifRxOversizeLastIncrement	Last inbound packets whose size are more than maximum transmission unit size. This is Updated at every 5sec interval.	1	COUNTER64	
IPI-CUSTOMIF-STATS-MIB	cpuFragmentErrorPktsTrap	cpuRxFragmentLastIncrement	Last inbound packets discarded whose size are less than 64 octets (which exclude framing bits, but include the FCS) and have a bad FCS value. This is Updated at every 5sec interval.	0	COUNTER64	
IF-MIB	pfcDeadlockRecoveryTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entity's network management system to the next re-initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	pfcDeadlockRecoveryTrap	queueId	The queue Id which indexes the queue stats entry for unicast, multicast and priority group queues.	1	INTEGER32	
	pfcDeadlockRecoveryTrap			2		
	pfcDeadlockRecoveryTrap			3		
	pfcDeadlockRecoveryTrap			4		

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CUSTOMIF-STATS-MIB	cpuJabberErrorPktsTrap	cpuRxJabberLastIncrement	Last inbound packets whose size are more than maximum transmission unit size (which excludes framing bits, but include FCS) and have a bad FCS value. This is Updated at every 5sec interval.	0	COUNTER64	
IF-MIB	ifBandwidthUpgradeNotification	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifBandwidthUpgradeNotification	ifCurBandwidth	Interface current bandwidth.	1	INTEGER32	
IF-MIB	pfcDeadlockDetectedTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	pfcDeadlockDetectedTrap	queueId	The queue Id which indexes the queue stats entry for unicast, multicast and priority group queues.	1	INTEGER32	
	pfcDeadlockDetectedTrap			2		
	pfcDeadlockDetectedTrap			3		
	pfcDeadlockDetectedTrap			4		
IPI-CUSTOMIF-STATS-MIB	cpuUndersizeErrorPktsTrap	cpuRxUndersizeLastIncrement	Last inbound packets discarded whose size are less than 64 octets (which exclude framing bits, but include the FCS) and have a good FCS value. This is Updated at every 5sec interval.	0	COUNTER64	
IF-MIB	ifRxSpeedMax	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifRxSpeedMax	ifRxCurrentAvgSpeed	Current average receive speed on the interface calculated over the load interval of the interface.	1	COUNTER64	
IPI-CUSTOMIF-STATS-MIB	cpuCRCErrorsPktsTrap	cpuRxBadCrcLastIncrement	Last inbound packets which are chosen to be discarded, since the packets have bad or no CRC. This is Updated at every 5sec interval.	0	COUNTER64	
IF-MIB	ifRxSpeedRecovery	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	cpuQueueHigh	cpuQueueName	CPU Queue Name corresponding to the QueueId.	0	DisplayString	
IPI-CUSTOMIF-STATS-MIB	cpuQueueHigh	cpuTxRatePercent	Percentage of control packets transmitted in the CPU queue. Value of -1 indicates rate percentage is not applicable.	1	INTEGER32	
IPI-CUSTOMIF-STATS-MIB	cpuQueueHigh	cpuTxPps	Transmitted packets packets/sec for the CPU queue.	2	INTEGER32	
IF-MIB	ifBandwidthDowngradeNotification	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifBandwidthDowngradeNotification	ifCurBandwidth	Interface current bandwidth.	1	INTEGER32	
IF-MIB	ifJabberErrorPktsTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifJabberErrorPktsTrap	ifRxJabberLastIncrement	Last inbound packets whose size are more than maximum transmission unit size (which excludes framing bits, but include FCS) and have a bad FCS value. This is Updated at every 5sec interval.	1	COUNTER64	
IPI-CUSTOMIF-STATS-MIB	cpuQueueRecovery	cpuQueueName	CPU Queue Name corresponding to the QueueId.	0	DisplayString	
IPI-CUSTOMIF-STATS-MIB	cpuQueueRecovery	cpuTxRatePercent	Percentage of control packets transmitted in the CPU queue. Value of -1 indicates rate percentage is not applicable.	1	INTEGER32	
IF-MIB	ifUndersizeErrorPktsTrap	ifIndex	A unique value, greater than zero, for each interface. It is recommended that values are assigned contiguously starting from 1. The value for each interface sub-layer must remain constant at least from one re-initialization of the entitys network management system to the next re- initialization.	0	InterfaceIndex	
IPI-CUSTOMIF-STATS-MIB	ifUndersizeErrorPktsTrap	ifRxUndersizeLastIncrement	Last inbound packets discarded whose size are less than 64 octets (which exclude framing bits, but include the FCS) and have a good FCS value. This is Updated at every 5sec interval.	1	COUNTER64	
IPI-VXLAN-MIB	vxlanTunnelStatusChangeNotification	ipVxlanTunnelDestinationVtepIp	Use this attribute to set Tunnel destination IP	0	IPADDR	
IPI-VXLAN-MIB	vxlanTunnelStatusChangeNotification	ipVxlanTunnelTunnelStatus	Use this attribute to see the Status of tunnel	1	INTEGER	installed: 3 resolved: 2 deleted: 0 unresolved: 1
	ipVrflfDownNotification			0		
	ipVrflfDownNotification			1		
	ipVrflfUpNotification			0		

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
	ipiVrflfUpNotification			1		
IPI-PORT-XC-MIB	xcSwitchEp	portXCName	Name given to the PORT XC.	0	DisplayString	
IPI-PORT-XC-MIB	xcSwitchEp	portXCEp1	XC Endpoint1 name.	1	DisplayString	
IPI-PORT-XC-MIB	xcSwitchEp	portXCEp2	XC Endpoint2 name.	2	DisplayString	
IPI-PORT-XC-MIB	xcOperStatusUpDown	portXCName	Name given to the PORT XC.	0	DisplayString	
IPI-PORT-XC-MIB	xcOperStatusUpDown	portXCOperStatus	This object specifies operational status of XC.	1	INTEGER	down: 0 up: 1
HW-TCAM-UTILIZATION	hwTCAMMinorThresholdTrap	groupName	TCAM group name.	0	DisplayString	
HW-TCAM-UTILIZATION	hwTCAMMinorThresholdTrap	usedPercent	Percentage of entries used in the TCAM group. Value of -1 means the field is not applicable.	1	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMinorThresholdTrap	freeEntries	Count of free entries in the TCAM group. Value of -1 means the field is not applicable.	2	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMinorThresholdRecoveryTrap	groupName	TCAM group name.	0	DisplayString	
HW-TCAM-UTILIZATION	hwTCAMMinorThresholdRecoveryTrap	usedPercent	Percentage of entries used in the TCAM group. Value of -1 means the field is not applicable.	1	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMinorThresholdRecoveryTrap	freeEntries	Count of free entries in the TCAM group. Value of -1 means the field is not applicable.	2	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMajorThresholdTrap	groupName	TCAM group name.	0	DisplayString	
HW-TCAM-UTILIZATION	hwTCAMMajorThresholdTrap	usedPercent	Percentage of entries used in the TCAM group. Value of -1 means the field is not applicable.	1	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMajorThresholdTrap	freeEntries	Count of free entries in the TCAM group. Value of -1 means the field is not applicable.	2	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMajorThresholdRecoveryTrap	groupName	TCAM group name.	0	DisplayString	
HW-TCAM-UTILIZATION	hwTCAMMajorThresholdRecoveryTrap	usedPercent	Percentage of entries used in the TCAM group. Value of -1 means the field is not applicable.	1	INTEGER	
HW-TCAM-UTILIZATION	hwTCAMMajorThresholdRecoveryTrap	freeEntries	Count of free entries in the TCAM group. Value of -1 means the field is not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceUNCRecovery	cmmlpmiUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNCRecovery	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNCRecovery	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNCRecovery	cmmlpmiDeviceSensorUpperNonCritical	The IPMI device sensor upper non critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceUNC	cmmlpmiUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNC	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNC	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNC	cmmlpmiDeviceSensorUpperNonCritical	The IPMI device sensor upper non critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceUC	cmmlpmiUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUC	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUC	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUC	cmmlpmiDeviceSensorUpperCritical	The IPMI device sensor upper critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceUNR	cmmlpmiUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNR	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNR	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNR	cmmlpmiDeviceSensorUpperNonRecover	The IPMI device sensor upper non recover value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceUCRecovery	cmmlpmiUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUCRecovery	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUCRecovery	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUCRecovery	cmmlpmiDeviceSensorUpperCritical	The IPMI device sensor upper critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceLNR	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNR	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNR	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNR	cmmlpmiDeviceSensorLowerNonRecover	The IPMI device sensor lower non recover value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDevicePresence	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDevicePresence	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceUNRRRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNRRRecovery	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNRRRecovery	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceUNRRRecovery	cmmlpmiDeviceSensorUpperNonRecover	The IPMI device sensor upper non recover value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceStatus	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceStatus	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceLNRRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNRRecovery	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNRRecovery	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNRRecovery	cmmlpmiDeviceSensorLowerNonRecover	The IPMI device sensor lower non recover value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceLC	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLC	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLC	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLC	cmmlpmiDeviceSensorLowerCritical	The IPMI device sensor lower critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceLNCRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNCRecovery	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNCRecovery	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNCRecovery	cmmlpmiDeviceSensorLowerNonCritical	The IPMI device sensor lower non critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceLNC	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNC	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNC	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLNC	cmmlpmiDeviceSensorLowerNonCritical	The IPMI device sensor lower non critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmlpmiDeviceLCRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLCRecovery	cmmlpmiDeviceSensorName	The name of IPMI device sensor. Blank indicates unavailable	1	DisplayString	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLCRecovery	cmmlpmiDeviceSensorValue	The value read for IPMI device sensor. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	2	INTEGER	
IPI-CMM-IPMI-MIB	cmmlpmiDeviceLCRecovery	cmmlpmiDeviceSensorLowerCritical	The IPMI device sensor lower critical value. Unit: Temperature in degree C, Current in Amps, Power in Watts, Voltage in Volts, Fan-Speed in RPM. -100002 indicates not applicable	3	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-SYNCE-MIB	ipiSynceClockInLock	ipiSynceClockState	This object specifies the synce clock state	0	IpiSynceClockStateType	locked: 3 holdover: 2 freerun: 1 invalid: 0
IPI-SYNCE-MIB	ipiSynceClockInLock	ipiSynceClockSourceName	This object specifies the input source name to which SyncE clock is locked	1	DisplayString	
IPI-SYNCE-MIB	ipiSynceClockOutOfLock	ipiSynceClockState	This object specifies the synce clock state	0	IpiSynceClockStateType	locked: 3 holdover: 2 freerun: 1 invalid: 0
IEEE8021-CFM-MIB	dot1agCfmFaultAlarm	dot1agCfmMepHighestPrDefect	The highest priority defect that has been present since the MEPs Fault Notification Generator State Machine was last in the FNG_RESET state.	0	Dot1agCfmHighestDefectPri	defMACstatus: 2 defXconCCM: 5 none: 0 defRDICCM: 1 defErrorCCM: 4 defRemoteCCM: 3
MPLS-TE-STD-MIB	mplsTunnelRerouted	mplsTunnelAdminStatus	Indicates the desired operational status of this tunnel.	0	INTEGER	testing: 3 down: 2 up: 1
MPLS-TE-STD-MIB	mplsTunnelRerouted	mplsTunnelOperStatus	Indicates the actual operational status of this tunnel, which is typically but not limited to, a function of the state of individual segments of this tunnel.	1	INTEGER	testing: 3 unknown: 4 notPresent: 6 lowerLayerDown: 7 down: 2 up: 1 dormant: 5
MPLS-TE-STD-MIB	mplsTunnelReoptimized	mplsTunnelAdminStatus	Indicates the desired operational status of this tunnel.	0	INTEGER	testing: 3 down: 2 up: 1
MPLS-TE-STD-MIB	mplsTunnelReoptimized	mplsTunnelOperStatus	Indicates the actual operational status of this tunnel, which is typically but not limited to, a function of the state of individual segments of this tunnel.	1	INTEGER	testing: 3 unknown: 4 notPresent: 6 lowerLayerDown: 7 down: 2 up: 1 dormant: 5
MPLS-TE-STD-MIB	mplsTunnelDown	mplsTunnelAdminStatus	Indicates the desired operational status of this tunnel.	0	INTEGER	testing: 3 down: 2 up: 1
MPLS-TE-STD-MIB	mplsTunnelDown	mplsTunnelOperStatus	Indicates the actual operational status of this tunnel, which is typically but not limited to, a function of the state of individual segments of this tunnel.	1	INTEGER	testing: 3 unknown: 4 notPresent: 6 lowerLayerDown: 7 down: 2 up: 1 dormant: 5
MPLS-TE-STD-MIB	mplsTunnelUp	mplsTunnelAdminStatus	Indicates the desired operational status of this tunnel.	0	INTEGER	testing: 3 down: 2 up: 1
MPLS-TE-STD-MIB	mplsTunnelUp	mplsTunnelOperStatus	Indicates the actual operational status of this tunnel, which is typically but not limited to, a function of the state of individual segments of this tunnel.	1	INTEGER	testing: 3 unknown: 4 notPresent: 6 lowerLayerDown: 7 down: 2 up: 1 dormant: 5
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfRouteMidThreshExceeded	mplsL3VpnVrfPerfCurrNumRoutes	Indicates the number of routes currently used by this VRF.	0	GAUGE	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfRouteMidThreshExceeded	mplsL3VpnVrfConfMidRteThresh	Denotes mid-level water marker for the number of routes that this VRF may hold.	1	UNSIGNED32	
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfNumVrfRouteMaxThreshExceeded	mplsL3VpnVrfPerfCurrNumRoutes	Indicates the number of routes currently used by this VRF.	0	GAUGE	
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfNumVrfRouteMaxThreshExceeded	mplsL3VpnVrfConfHighRteThresh	Denotes high-level water marker for the number of routes that this VRF may hold.	1	UNSIGNED32	
MPLS-L3VPN-STD-MIB	mplsL3VpnNumVrfSecIlglLbIThrshExcd	mplsL3VpnVrfSecIllegalLbIVltns	Indicates the number of illegally received labels on this VPN/VRF. Discontinuities in the value of this counter can occur at re-initialization of the management system, and at other times as indicated by the value of mplsL3VpnVrfSecDiscontinuityTime.	0	COUNTER	
MPLS-L3VPN-STD-MIB	mplsL3VpnNumVrfRouteMaxThreshCleared	mplsL3VpnVrfPerfCurrNumRoutes	Indicates the number of routes currently used by this VRF.	0	GAUGE	
MPLS-L3VPN-STD-MIB	mplsL3VpnNumVrfRouteMaxThreshCleared	mplsL3VpnVrfConfHighRteThresh	Denotes high-level water marker for the number of routes that this VRF may hold.	1	UNSIGNED32	
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfDown	mplsL3VpnIfConfRowStatus	This variable is used to create, modify, and/or delete a row in this table. Rows in this table signify that the specified interface is associated with this VRF. If the row creation operation succeeds, the interface will have been associated with the specified VRF, otherwise the agent MUST not allow the association. If the agent only allows read-only operations on this table, it MUST create entries in this table as they are created on the device. When a row in this table is in active(1) state, no objects in that row can be modified except mplsL3VpnIfConfStorageType and mplsL3VpnIfConfRowStatus.	0	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfDown	mplsL3VpnVrfOperStatus	Denotes whether or not a VRF is operational. A VRF is up(1) when there is at least one interface associated with the VRF whose ifOperStatus is up(1). A VRF is down(2) when: a. There does not exist at least one interface whose ifOperStatus is up(1). b. There are no interfaces associated with the VRF.	1	INTEGER	down: 2 up: 1
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfUp	mplsL3VpnIfConfRowStatus	This variable is used to create, modify, and/or delete a row in this table. Rows in this table signify that the specified interface is associated with this VRF. If the row creation operation succeeds, the interface will have been associated with the specified VRF, otherwise the agent MUST not allow the association. If the agent only allows read-only operations on this table, it MUST create entries in this table as they are created on the device. When a row in this table is in active(1) state, no objects in that row can be modified except mplsL3VpnIfConfStorageType and mplsL3VpnIfConfRowStatus.	0	RowStatus	createAndWait: 5 notReady: 3 notInService: 2 active: 1 destroy: 6 createAndGo: 4
MPLS-L3VPN-STD-MIB	mplsL3VpnVrfUp	mplsL3VpnVrfOperStatus	Denotes whether or not a VRF is operational. A VRF is up(1) when there is at least one interface associated with the VRF whose ifOperStatus is up(1). A VRF is down(2) when: a. There does not exist at least one interface whose ifOperStatus is up(1). b. There are no interfaces associated with the VRF.	1	INTEGER	down: 2 up: 1
IPI-PON-MIB	ipiPonOnuSufi	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSufi	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltInitComplete	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntEquipmentAlarm	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntEquipmentAlarm	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltReset	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuDow	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuDow	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltUsFecChange	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltUsFecChange	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltUsFecChange	ipiPonFecStatus	FEC status option for an onu profile.	2	INTEGER	disabled: 0 enabled: 1
IPI-PON-MIB	ipiPonOnuUp	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUp	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntDiscovered	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntDiscovered	ipiPonOltPonPortName	OLT PON Port Name.	1	IpiPonPortName	
IPI-PON-MIB	ipiPonOntDiscovered	ipiPonOnuId	ONU ID of an ONU.	2	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltNnIfMtuChanged	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltNnIfMtuChanged	ipiPonOltNniPortName	OLT NNI Port Name.	1	IpiPonPortName	
IPI-PON-MIB	ipiPonOltNnIfMtuChanged	ipiPonOltMtu	MTU for an interface.	2	IpiPonMtuValue	
IPI-PON-MIB	ipiPonOltTcLayerOltEncEnable	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltTcLayerOltEncEnable	ipiPonTcEncryptStatus	TC layer encryption option for an onu profile.	1	INTEGER	on: 1 off: 0
IPI-PON-MIB	ipiPonOntLost	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntLost	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeFailed	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeFailed	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuLof	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuLof	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUsBandwidthExceeded	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUsBandwidthExceeded	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntUniLinkStatusChange	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntUniLinkStatusChange	ipiPonOnuId	ONU ID of an ONU.	1	IpiPonIdValue	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-PON-MIB	ipiPonOntUniLinkStatusChange	ipiPonOnuUnild	UNI Port ID.	2	IpiPonUnildValue	
IPI-PON-MIB	ipiPonOntUniLinkStatusChange	ipiPonUniLinkStatus	Uni Link state for an uni port.	3	INTEGER	locked: 1 unlocked: 0
IPI-PON-MIB	ipiPonLos	ipiPonOltPonPortName	OLT PON Port Name.	0	IpiPonPortName	
IPI-PON-MIB	iponOltNniLinkStatusChange	ipiPonOltNniPortName	OLT NNI Port Name.	0	IpiPonPortName	
IPI-PON-MIB	ipiponOltNniLinkStatusChange	ipiPonLinkState	An generic state for an interface or a node or a link.	1	INTEGER	up: 1 down: 0
IPI-PON-MIB	ipiPonOntConfigFailed	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntConfigFailed	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntResetIndication	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOntResetIndication	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeCommitFailed	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeCommitFailed	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltSwDownloadFailure	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuReboot	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuReboot	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUniLanLos	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUniLanLos	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUniLanLos	ipiPonOnuUnild	UNI Port ID.	2	IpiPonUnildValue	
IPI-PON-MIB	ipiPonOltDown	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUniMtuChange	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUniMtuChange	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuUniMtuChange	ipiPonOnuUnild	UNI Port ID.	2	IpiPonUnildValue	
IPI-PON-MIB	ipiPonOnuUniMtuChange	ipiPonOltMtu	MTU for an interface.	3	IpiPonMtuValue	
IPI-PON-MIB	ipiPonOltPonLinkStatusChange	ipiPonOltPonPortName	OLT PON Port Name.	0	IpiPonPortName	
IPI-PON-MIB	ipiPonOltPonLinkStatusChange	ipiPonLinkState	An generic state for an interface or a node or a link.	1	INTEGER	up: 1 down: 0
IPI-PON-MIB	ipiPonOltMissing	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltDeviceInitFailure	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuLoai	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuLoai	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeCommitSuccess	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeCommitSuccess	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeSuccess	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeSuccess	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuDown	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuDown	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSdi	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSdi	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeActivationFailed	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeActivationFailed	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuProvChange	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuProvChange	ipiPonOnuProvMode	Provisioning mode options.	1	INTEGER	manual: 1 automatic: 2
IPI-PON-MIB	ipiPonOltRogueOntDetectedPortOnly	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltRogueOntDetectedPortOnly	ipiPonOltPonPortName	OLT PON Port Name.	1	IpiPonPortName	
IPI-PON-MIB	ipiPonOltDiscovered	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltTcLayerOnuEncEnable	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltTcLayerOnuEncEnable	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltTcLayerOnuEncEnable	ipiPonOltPonPortName	OLT PON Port Name.	2	IpiPonPortName	
IPI-PON-MIB	ipiPonOltTcLayerOnuEncEnable	ipiPonTcEncryptStatus	TC layer encryption option for an onu profile.	3	INTEGER	on: 1 off: 0
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeActivationSuccess	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSoftwareUpgradeActivationSuccess	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltRogueOntDetectedSerial	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltRogueOntDetectedSerial	ipiPonOltPonPortName	OLT PON Port Name.	1	IpiPonPortName	
IPI-PON-MIB	ipiPonOltRogueOntDetectedSerial	ipiPonOnuSerialNumber	ONU Serial Number	2	IpiPonSerialNumber	
IPI-PON-MIB	ipiPonOltFlowConfigFailed	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOltFlowConfigFailed	ipiPonFlowId	Flow ID in OLT.	1	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSfi	ipiPonOltId	OLT ID.	0	IpiPonIdValue	
IPI-PON-MIB	ipiPonOnuSfi	ipiPonOnuld	ONU ID of an ONU.	1	IpiPonIdValue	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
ISIS-MIB	isisRejectedAdjacency	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisRejectedAdjacency	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisRejectedAdjacency	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	2	IsisPDUHeader	
ISIS-MIB	isisAttemptToExceedMaxSequence	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisAttemptToExceedMaxSequence	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	1	IsisLinkStatePDUID	
ISIS-MIB	isisProtocolsSupportedMismatch	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisProtocolsSupportedMismatch	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisProtocolsSupportedMismatch	isisPduProtocolsSupported	The list of protocols supported by an adjacent system. This may be empty.	2	OCTETSTR	
ISIS-MIB	isisProtocolsSupportedMismatch	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	3	IsisLinkStatePDUID	
ISIS-MIB	isisProtocolsSupportedMismatch	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	4	IsisPDUHeader	
ISIS-MIB	isisAdjacencyChange	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisAdjacencyChange	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisAdjacencyChange	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	2	IsisLinkStatePDUID	
ISIS-MIB	isisAdjacencyChange	isisAdjState	The current state of an adjacency.	3	INTEGER	initializing: 2 up: 3 down: 1 failed: 4
ISIS-MIB	isisLSPTooLargeToPropagate	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisLSPTooLargeToPropagate	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisLSPTooLargeToPropagate	isisPduLspSize	Holds the size of LSP we received that is too big to forward.	2	UNSIGNED32	
ISIS-MIB	isisLSPTooLargeToPropagate	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	3	IsisLinkStatePDUID	
ISIS-MIB	isisOrigLSPBuffSizeMismatch	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisOrigLSPBuffSizeMismatch	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisOrigLSPBuffSizeMismatch	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	2	IsisLinkStatePDUID	
ISIS-MIB	isisOrigLSPBuffSizeMismatch	isisPduOriginatingBufferSize	Holds the size of isisSysLevelOrigLSPBuffSize advertised by the peer in the originatingLSPBufferSize TLV. If the peer does not advertise this TLV, this value is set to 0.	3	IsisUnsigned16TC	
ISIS-MIB	isisOrigLSPBuffSizeMismatch	isisPduBufferSize	Holds the size of LSP received from peer.	4	IsisUnsigned16TC	
ISIS-MIB	isisDLenMismatch	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisDLenMismatch	isisPduFieldLen	Holds the System ID length reported in PDU we received.	1	IsisUnsigned8TC	
ISIS-MIB	isisDLenMismatch	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	2	UNSIGNED32	
ISIS-MIB	isisDLenMismatch	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	3	IsisPDUHeader	
ISIS-MIB	isisAreaMismatch	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	0	UNSIGNED32	
ISIS-MIB	isisAreaMismatch	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	1	IsisPDUHeader	
ISIS-MIB	isisSequenceNumberSkip	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisSequenceNumberSkip	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisSequenceNumberSkip	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	2	IsisLinkStatePDUID	
ISIS-MIB	isisMaxAreaAddressesMismatch	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisMaxAreaAddressesMismatch	isisPduMaxAreaAddress	Holds the Max Area Addresses reported in a PDU we received.	1	IsisUnsigned8TC	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
ISIS-MIB	isisMaxAreaAddressesMismatch	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	2	UNSIGNED32	
ISIS-MIB	isisMaxAreaAddressesMismatch	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	3	IsisPDUHeader	
ISIS-MIB	isisManualAddressDrops	isisNotificationAreaAddress	An Area Address.	0	IsisOSINSAAddress	
ISIS-MIB	isisCorruptedLSPDetected	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisCorruptedLSPDetected	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	1	IsisLinkStatePDUID	
ISIS-MIB	isisDatabaseOverload	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisDatabaseOverload	isisSysLevelState	The state of the database at this level. The value off indicates that IS-IS is not active at this level. The value on indicates that IS-IS is active at this level and is not overloaded. The value waiting indicates a database that is low on an essential resource, such as memory. The administrator may force the state to overloaded by setting the object isisSysLevelSetOverload. If the state is waiting or overloaded, we originate LSPs with the overload bit set.	1	IsisLevelState	on: 2 overloaded: 4 waiting: 3 off: 1
ISIS-MIB	isisLSPErrorDetected	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisLSPErrorDetected	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	1	IsisLinkStatePDUID	
ISIS-MIB	isisLSPErrorDetected	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	2	UNSIGNED32	
ISIS-MIB	isisLSPErrorDetected	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	3	IsisPDUHeader	
ISIS-MIB	isisLSPErrorDetected	isisErrorOffset	An offset to a problem in a PDU. If the problem is a malformed TLV, this points to the beginning of the TLV. If the problem is in the header, this points to the byte that is suspicious.	4	UNSIGNED32	
ISIS-MIB	isisLSPErrorDetected	isisErrorTLVType	The type for a malformed TLV.	5	UNSIGNED32	
ISIS-MIB	isisOwnLSPPurge	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisOwnLSPPurge	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisOwnLSPPurge	isisPduLspId	An Octet String that uniquely identifies a Link State PDU.	2	IsisLinkStatePDUID	
ISIS-MIB	isisAuthenticationTypeFailure	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisAuthenticationTypeFailure	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisAuthenticationTypeFailure	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	2	IsisPDUHeader	
ISIS-MIB	isisAuthenticationFailure	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisAuthenticationFailure	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisAuthenticationFailure	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	2	IsisPDUHeader	
ISIS-MIB	isisVersionSkew	isisNotificationSysLevelIndex	The system level for this notification.	0	IsisLevel	level2: 2 level1and2: 3 level1: 1
ISIS-MIB	isisVersionSkew	isisNotificationCircIfIndex	The identifier of this circuit relevant to this notification.	1	UNSIGNED32	
ISIS-MIB	isisVersionSkew	isisPduProtocolVersion	Holds the Protocol version reported in PDU we received.	2	IsisUnsigned8TC	
ISIS-MIB	isisVersionSkew	isisPduFragment	Holds up to 64 initial bytes of a PDU that triggered the notification.	3	IsisPDUHeader	
	mefSoamConfigErrorAssertAlarm			0		
	mefSoamConfigErrorClearAlarm			0		
MEF-SOAM-FM-MIB	mefSoamMepOperStatusAlarm	mefSoamMepStatusOperationalState	This attribute indicates the operational state (current capability) of the MEP. If the value is enabled, the MEP is able to provide OAM capabilities and has been set to active via the dot1agCfmMepActive object. If the value is disabled the MEP is not able to provide OAM capabilities, for example because it has been disabled via the dot1agCfmMepActive object, has detected an operational failure condition, or has failed an internal test. If the value is testing the MEP has been placed into a test mode, either a troubleshooting mode or ETH-Test Out-of-service mode. If the value is unknown the MEP is unable to report the operational state.	0		

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IEEE8021-CFM-MIB	mefSoamMepOperStatusAlarm	dot1agCfmMepActive	Administrative state of the MEP A Boolean indicating the administrative state of the MEP. True indicates that the MEP is to function normally, and false that it is to cease functioning.	1	TruthValue	false: 2 true: 1
IEEE8021-CFM-MIB	mefSoamMepDefectAlarm	dot1agCfmMepDefects	A vector of Boolean error conditions from Table 20-1, any of which may be true: DefRDICCM(0) DefMACstatus(1) DefRemoteCCM(2) DefErrorCCM(3) DefXconCCM(4)	0	Dot1agCfmMepDefects	bDefRemoteCCM: 2 bDefMACstatus: 1 bDefXconCCM: 4 bDefRDICCM: 0 bDefErrorCCM: 3
MEF-SOAM-FM-MIB	mefSoamMepDefectAlarm	mefSoamMepStatusLastDefectSentStatus	This attribute indicates the state of the previous MEP defects, dot1agCfmMepDefects, that was sent with the previous mefSoamMepDefect notification. It is always some *previous* value of dot1agCfmMepDefects. Once an mefSoamMepDefect is sent the dot1agCfmMepDefects that was sent in the notification updates the contents of this object. If no mefSoamMepDefect notification has been sent the value of this object is 0.	1	Dot1agCfmMepDefects	bDefRemoteCCM: 2 bDefMACstatus: 1 bDefXconCCM: 4 bDefRDICCM: 0 bDefErrorCCM: 3
IEEE8021-CFM-MIB	mefSoamMepDefectAlarm	dot1agCfmMepDbRMepState	The operational state of the remote MEP IFF State machines.	2	Dot1agCfmRemoteMepState	rMepFailed: 3 rMepStart: 2 rMepIdle: 1 rMepOk: 4
MEF-SOAM-FM-MIB	mefSoamAisAlarm	mefSoamAisStatsOutStatus	This attribute specifies the current AIS transmission status of the MEP. The value true indicates AIS frames are currently being transmitted by the MEP. The value false indicates AIS frames are not currently being transmitted by the MEP.	0	TruthValue	false: 2 true: 1
MEF-SOAM-FM-MIB	mefSoamAisAlarm	mefSoamAisStatsInStatus	This attribute specifies the current AIS receive status of the MEP. The value true indicates an AIS PDU has been received and 3.5 times the interval defined in the PDU has not yet passed, otherwise it is false.	1	TruthValue	false: 2 true: 1
MEF-SOAM-FM-MIB	mefSoamLckAlarm	mefSoamLckStatsInStatus	This attribute specifies the current LCK receive status of the MEP. The value true indicates LCK frames are currently being received by the MEP. The value false indicates LCK frames are not currently being received by the MEP at the specified interval in the LCK PDU. If no LCK frames are received within an interval of 3.5 times the LCK transmission period indicated in the last LCK frame received, the MEP clears the LCK condition by setting mefSoamLckInStatus to false.	0	TruthValue	false: 2 true: 1
MEF-SOAM-FM-MIB	mefSoamLckAlarm	mefSoamLckStatsOutStatus	This attribute specifies the current LCK transmission status of the MEP. The value true indicates LCK frames are currently being transmitted by the MEP. The value false indicates LCK frames are not currently being transmitted by the MEP.	1	TruthValue	false: 2 true: 1
IPI-G8032-MIB	ipiG8032EastIntfStateChangeNotify	ipiG8032InstanceName	This object specifies the G8032 Instance Name.	0	DisplayString	
IPI-G8032-MIB	ipiG8032EastIntfStateChangeNotify	ipiG8032InstEastInterfaceName	This object specifies the east interface name (east-ring-port).	1	DisplayString	
IPI-G8032-MIB	ipiG8032EastIntfStateChangeNotify	ipiG8032InstEastInterfaceIndex	This object specifies the east interface index (east-ring-port).	2	INTEGER32	
IPI-G8032-MIB	ipiG8032EastIntfStateChangeNotify	ipiG8032InstEastInterfaceLinkState	This object specifies the east interface link state based on IpiG8032LinkState type.	3	IpiG8032LinkState	unblocked: 1 blocked: 2 failed: 3 invalid: 4
IPI-G8032-MIB	ipiG8032InstStateChangeNotify	ipiG8032InstanceName	This object specifies the G8032 Instance Name.	0	DisplayString	
IPI-G8032-MIB	ipiG8032InstStateChangeNotify	ipiG8032InstCurrState	This object specifies the G8032 current states based on IpiG803States.	1	IpiG803States	protection: 5 force-switch: 4 pending: 2 idle: 3 invalid: 7 manual-switch: 6 init: 1
IPI-G8032-MIB	ipiG8032InstStateChangeNotify	ipiG8032InstPrevState	This object specifies the G8032 previous states based on IpiG803States.	2	IpiG803States	protection: 5 force-switch: 4 pending: 2 idle: 3 invalid: 7 manual-switch: 6 init: 1
IPI-G8032-MIB	ipiG8032WestIntfStateChangeNotify	ipiG8032InstanceName	This object specifies the G8032 Instance Name.	0	DisplayString	
IPI-G8032-MIB	ipiG8032WestIntfStateChangeNotify	ipiG8032InstWestInterfaceName	This object specifies the west interface name (west-ring-port).	1	DisplayString	
IPI-G8032-MIB	ipiG8032WestIntfStateChangeNotify	ipiG8032InstWestInterfaceIndex	This object specifies the west interface name (west-ring-port).	2	INTEGER32	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-G8032-MIB	ipiG8032WestIntfStateChangeNotify	ipiG8032InstWestInterfaceLinkState	This object specifies the west interface link state based on IpiG8032LinkState type.	3	IpiG8032LinkState	unblocked: 1 blocked: 2 failed: 3 invalid: 4
VRRPV3-MIB	vrpv3ProtoError	vrpv3StatisticsProtoErrReason	This indicates the reason for the last protocol error. This SHOULD be set to noError(0) when no protocol errors are encountered. Used by vrrpv3ProtoError notification.	0	INTEGER	versionError: 2 noError: 0 checksumError: 3 vrlError: 4 ipTtlError: 1
VRRPV3-MIB	vrpv3NewMaster	vrpv3OperationsMasterIpAddr	The master routers real IP address. The master router would set this address to vrrpv3OperationsPrimaryIpAddr while transitioning to master state. For backup routers, this is the IP address listed as the source in the VRRP advertisement last received by this virtual router.	0	InetAddress	
VRRPV3-MIB	vrpv3NewMaster	vrpv3StatisticsNewMasterReason	This indicates the reason for the virtual router to transition to master state. If the virtual router never transitioned to master state, the value of this object is notMaster(0). Otherwise, this indicates the reason this virtual router transitioned to master state the last time. Used by vrrpv3NewMaster notification.	1	INTEGER	priority: 1 masterNoResponse: 3 preempted: 2 notMaster: 0
NET-SNMP-EXAMPLES-MIB	netSnmExampleHeartbeatNotification	netSnmExampleHeartbeatRate	A simple integer object, to act as a payload for the netSnmExampleHeartbeatNotification. The value has no real meaning, but is nominally the interval (in seconds) between successive heartbeat notifications.	0	INTEGER32	
HW-TABLE-UTILIZATION	hwTableFullTrapClear	hwTableType	Table type. Value of -1 means the field is not applicable.	0	TableType	unknown: 1000 l2-table: 1
HW-TABLE-UTILIZATION	hwTableFullTrap	hwTableType	Table type. Value of -1 means the field is not applicable.	0	TableType	unknown: 1000 l2-table: 1
IPI-CMM-CHASSIS-MIB	cmmCoherentHostRxPCS	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostRxPCS	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostRxPCS	cmmHostIfIndex	Index of host interface in a coherent optical module.	2	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostRxPCS	cmmRxPcs	Hostif Rx-Pcs Alarm. Zeros indicate No alarm. Empty String indicates unavailable	3	PcsAlarmStatusCode	none: 13 error-blocks-detected: 12 deskew-error: 7 bip-error: 6 loss-of-alignment-marker-lock: 9 local-fault: 4 loss-of-signal: 0 remote-fault: 3 loss-of-alignment: 10 illegal-alignment-marker: 2 loss-of-block-lock: 8 opu-client-signal-fail: 11 loss-of-frame: 1 high-ber: 5
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelInputPowerHighWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerHighWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerHighWarn	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleVoltRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleVoltRecovered	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleTempHighAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleTempHighAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleTempLowAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleTempLowAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelPrefecBerSigDegrade	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelPrefecBerSigDegrade	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelPrefecBerSigDegrade	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentCfpRemoved	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentCfpRemoved	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentCfpRemoved	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-COHERENT-MIB	cmmCoherentCfpRemoved	cmmModuleType	Module Type. -100003 indicates device not ready -100002 indicates Not applicable - 100001 indicates internal error	3	INTEGER	aco: 2 non-coherent: 3 unknown: 0 dco: 1
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleInserted	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleInserted	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleInserted	cmmModuleType	Module Type. -100003 indicates device not ready -100002 indicates Not applicable - 100001 indicates internal error	2	INTEGER	aco: 2 non-coherent: 3 unknown: 0 dco: 1
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelRXQMarginForPMInterval	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelRXQMarginForPMInterval	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelRXQMarginForPMInterval	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelCurrentOSNRThreshold	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelCurrentOSNRThreshold	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelCurrentOSNRThreshold	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelOutputPowerLowWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerLowWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerLowWarn	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleRemoved	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleRemoved	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleRemoved	cmmModuleType	Module Type. -100003 indicates device not ready -100002 indicates Not applicable - 100001 indicates internal error	2	INTEGER	aco: 2 non-coherent: 3 unknown: 0 dco: 1
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelOutputPowerHighWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerHighWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerHighWarn	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelOutputPowerLowAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerLowAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerLowAlarm	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleVoltageHighAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleVoltageHighAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentHostTxPCS	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostTxPCS	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostTxPCS	cmmHostIfIndex	Index of host interface in a coherent optical module.	2	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostTxPCS	cmmTxPcs	Hostif Tx-Pcs Alarm. Empty String indicates unavailable Zeros indicate No alarm	3	PcsAlarmStatusCode	none: 13 error-blocks-detected: 12 deskew-error: 7 bip-error: 6 loss-of-alignment-marker-lock: 9 local-fault: 4 loss-of-signal: 0 remote-fault: 3 loss-of-alignment: 10 illegal-alignment-marker: 2 loss-of-block-lock: 8 opu-client-signal-fail: 11 loss-of-frame: 1 high-ber: 5
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleTempHighWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleTempHighWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelInputPowerLowWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerLowWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerLowWarn	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleVoltageLowAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleVoltageLowAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleGeneralStatus	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleGeneralStatus	cmmSlotIndex	The optical slot identifier.	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-COHERENT-MIB	cmmCoherentModuleGeneralStatus	cmmModuleGeneralStatus	Module General Status alarm. Empty String indicates unavailable. Zeros Indicates No Alarms.	2	ModuleGeneralStatusCode	rx-network-loss-of-lock: 3 rx-loss-Of-signal: 2 tx-host-loss-of-lock: 4 hostlane-out-of-alignment: 5 hw-interlock: 0 tx-loss-Of-signal-functionality: 1
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelOutputPowerRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerRecovered	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerRecovered	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelRXQMarginForPMIntervalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelRXQMarginForPMIntervalRecovery	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelRXQMarginForPMIntervalRecovery	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleVoltageLowWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleVoltageLowWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleTempLowWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleTempLowWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentCfplInserted	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentCfplInserted	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentCfplInserted	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentCfplInserted	cmmModuleType	Module Type. -100003 indicates device not ready -100002 indicates Not applicable -100001 indicates internal error	3	INTEGER	aco: 2 non-coherent: 3 unknown: 0 dco: 1
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelPrefecBerSigFail	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelPrefecBerSigFail	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelPrefecBerSigFail	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentRxLOSRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentRxLOSRecovered	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentRxLOSRecovered	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelInputPowerHighAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerHighAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerHighAlarm	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentHostFaultStatusAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostFaultStatusAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostFaultStatusAlarm	cmmHostIfIndex	Index of host interface in a coherent optical module.	2	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentHostFaultStatusAlarm	cmmCoherentHostFaultStatus	HostIf Fault Alarm status. Empty String indicates unavailable Zeros indicate No alarm	3	HostLaneFaultCode	loss-of-align: 7 deskew-lock-fault: 5 out-of-align: 6 tx-host-lol-I3: 3 ingress-aps-msg-rcvd: 4 tx-host-lol-I0: 0 tx-host-lol-I1: 1 tx-host-lol-I2: 2
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleVoltageHighWarn	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleVoltageHighWarn	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleTempRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleTempRecovered	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelPrefecBerSigClear	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelPrefecBerSigClear	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelPrefecBerSigClear	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelOutputPowerHighAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerHighAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelOutputPowerHighAlarm	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelChromaticDispersionRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelChromaticDispersionRecovery	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelChromaticDispersionRecovery	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelCurrentOSNRThresholdRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelCurrentOSNRThresholdRecovery	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelCurrentOSNRThresholdRecovery	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelInputPowerRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerRecovered	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerRecovered	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentModuleFaultStatus	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-COHERENT-MIB	cmmCoherentModuleFaultStatus	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentModuleFaultStatus	cmmModuleFaultStatus	Module Fault Status alarm. Empty String indicates unavailable. Zeros Indicates No Alarms.	2	ModuleFaultStatusCode	checksum-fault: 4 power-supply-fault: 3 initialization-fault: 2 hardware-fault: 1 over-temperature-fault: 0
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelChromaticDispersion	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelChromaticDispersion	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelChromaticDispersion	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentChannelInputPowerLowAlarm	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerLowAlarm	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentChannelInputPowerLowAlarm	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCoherentRxLOS	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentRxLOS	cmmSlotIndex	The optical slot identifier.	1	INTEGER	
IPI-CMM-COHERENT-MIB	cmmCoherentRxLOS	cmmNetIfIndex	Index of network interface in a coherent optical module.	2	INTEGER	
IPI-TWAMP-CLIENT-MIB	twampclientsessionsstarted	ipITwampClientSessionSessionName	Sets client connection Name	0	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionsstarted	ipITwampClientConnectionConnectionName	Sets client connection Name	1	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionsstarted	ipITwampClientConnectionVrfName	Use this attribute to set the Connection VRF name	2	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionsstopped	ipITwampClientSessionSessionName	Sets client connection Name	0	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionsstopped	ipITwampClientConnectionConnectionName	Sets client connection Name	1	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionsstopped	ipITwampClientConnectionVrfName	Use this attribute to set the Connection VRF name	2	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionaccepted	ipITwampClientSessionSessionName	Sets client connection Name	0	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionaccepted	ipITwampClientConnectionConnectionName	Sets client connection Name	1	OCTETSTR	
IPI-TWAMP-CLIENT-MIB	twampclientsessionaccepted	ipITwampClientConnectionVrfName	Use this attribute to set the Connection VRF name	2	OCTETSTR	
IPI-WATCHDOG-MIB	protocolmoduledown	softwareModuleName	Enable software watchdog functionality for a particular software module.	0	INTEGER	cmmd: 69 ripd: 2 vrrpd: 39 ospfd: 4 bgpd: 44 ndd: 40 ospf6d: 5 hostpd: 7 cmld: 52 ribd: 42 udld: 51 syncd: 37 pcepdp: 72 ripngd: 3 ldpd: 8 mribd: 10 rsvdp: 9 onmd: 24 oamd: 28 authd: 13 mstpd: 17 lagd: 49 vlogd: 30 sflow: 50 ptpd: 34 isisd: 6 nsm: 1 pimd: 11 hsl: 26 imi: 18 l2mib: 46

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-WATCHDOG-MIB	protocolmoduledown	processProcessName	Protocol module identification.	1	INTEGER	cmmd: 69 ripd: 2 vrrpd: 39 ospfd: 4 bgpd: 44 ndd: 40 ospf6d: 5 hostpd: 7 cmld: 52 ribd: 42 udld: 51 syncd: 37 pcepd: 72 ripngd: 3 ldpd: 8 mribd: 10 rsvpd: 9 onmd: 24 oamd: 28 authd: 13 mstpd: 17 lagd: 49 vlogd: 30 sflow: 50 ptpd: 34 isisd: 6 nsm: 1 pimd: 11 hsl: 26 imi: 18 l2mribd: 46
IPI-WATCHDOG-MIB	protocolmoduledown	processDownReason	Reason for process to shutdown. This value will be the signal description.	2	OCTETSTR	
IPI-WATCHDOG-MIB	protocolmodulerestarted	softwareModuleName	Enable software watchdog functionality for a particular software module.	0	INTEGER	cmmd: 69 ripd: 2 vrrpd: 39 ospfd: 4 bgpd: 44 ndd: 40 ospf6d: 5 hostpd: 7 cmld: 52 ribd: 42 udld: 51 syncd: 37 pcepd: 72 ripngd: 3 ldpd: 8 mribd: 10 rsvpd: 9 onmd: 24 oamd: 28 authd: 13 mstpd: 17 lagd: 49 vlogd: 30 sflow: 50 ptpd: 34 isisd: 6 nsm: 1 pimd: 11 hsl: 26 imi: 18 l2mribd: 46

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-WATCHDOG-MIB	protocolmodulerestarted	processProcessName	Protocol module identification.	1	INTEGER	cmmd: 69 ripd: 2 vrrpd: 39 ospfd: 4 bgpd: 44 ndd: 40 ospf6d: 5 hostpd: 7 cmld: 52 ribd: 42 udld: 51 syncd: 37 pcepd: 72 ripngd: 3 ldpd: 8 mribd: 10 rsvpd: 9 onmd: 24 oamd: 28 authd: 13 mstpd: 17 lagd: 49 vlogd: 30 sflow: 50 ptpd: 34 isisd: 6 nsm: 1 pimd: 11 hsl: 26 imi: 18 l2mribd: 46
IPI-WATCHDOG-MIB	protocolmodulerestarted	processStartTime	Starting time of a protocol module.	2	DateAndTime	
IPI-SAT-MIB	ipiSatOperStateNotify	ipiSatName	This object indicates the Name of the SAT Test Name.	0	OCTETSTR	
IPI-SAT-MIB	ipiSatOperStateNotify	ipiSatRunId	This object indicates the SAT Test Run Id. The index value keeps increasing until it wraps to zero. This is to facilitate access control based on a fixed index for an EMS, since the index is not reused.	1	UNSIGNED32	
IPI-SAT-MIB	ipiSatOperStateNotify	ipiSatRunOperState	This object indicates the SAT Test Run Oper State. The valid enumerated values associated with this type are: inProgress (1) - Test is in progress. aborted (2) - Test is aborted by user or config deletion. passed (3) - Test is Passed with all acceptance criteria. failed (4) - Test is Failed due to any one of the Stream test failure.	2	INTEGER	inProgress: 1 passed: 3 failed: 4 aborted: 2
IPI-TWAMP-MIB	twampservermaximumsessionsperconnectionexceeded	ipiTwampServerMaximumSessionsPerConnection	Set the maximum number of test sessions per client connection	0	UNSIGNED32	
IPI-TWAMP-MIB	twampservermaximumsessionsperconnectionexceeded	ipiTwampConnectionConnectionId	Connection ID	1	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientinactivitytimeout	ipiTwampConnectionConnectionId	Connection ID	0	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientinactivitytimeout	ipiTwampConnectionLastActivityTime	Time of the last activity that happened on the connection	1	DateAndTime	
IPI-TWAMP-MIB	twampserverclientdisconnected	ipiTwampConnectionConnectionId	Connection ID	0	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientdisconnected	ipiTwampConnectionClientAddress	IP address of the client	1	OCTETSTR	
IPI-TWAMP-MIB	twampserverclientdisconnected	ipiTwampConnectionClientPort	Port used by the client	2	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientdisconnected	ipiTwampConnectionClientVrf	VRF where the client is connected	3	OCTETSTR	
IPI-TWAMP-MIB	twampserversessionsstarted	ipiTwampSessionSessionId	Session ID	0	OCTETSTR	
IPI-TWAMP-MIB	twampserversessionsstarted	ipiTwampSessionConnectionId	Connection ID	1	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientmaximumconnectiondurationtimeout	ipiTwampConnectionConnectionId	Connection ID	0	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientmaximumconnectiondurationtimeout	ipiTwampConnectionConnectionTime	Time when the connection was established	1	DateAndTime	
IPI-TWAMP-MIB	twampserversessionsstopped	ipiTwampSessionSessionId	Session ID	0	OCTETSTR	
IPI-TWAMP-MIB	twampserversessionsstopped	ipiTwampSessionConnectionId	Connection ID	1	UNSIGNED32	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionSessionId	Session ID	0	OCTETSTR	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionConnectionId	Connection ID	1	UNSIGNED32	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionSenderAddress	IP address of the TWAMP sender	2	OCTETSTR	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionSenderPort	Port used by the sender	3	UNSIGNED32	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionReceiverAddress	IP address of the TWAMP receiver	4	OCTETSTR	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionReceiverPort	Port used by the receiver	5	UNSIGNED32	
IPI-TWAMP-MIB	twampserversessionaccepted	ipiTwampSessionReceiverVrf	VRF where the receiver is running	6	OCTETSTR	
IPI-TWAMP-MIB	twampservermaximumsessionsexceeded	ipiTwampServerMaximumSessions	Set the maximum number of test sessions for the server	0	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientconnected	ipiTwampConnectionConnectionId	Connection ID	0	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientconnected	ipiTwampConnectionClientAddress	IP address of the client	1	OCTETSTR	
IPI-TWAMP-MIB	twampserverclientconnected	ipiTwampConnectionClientPort	Port used by the client	2	UNSIGNED32	
IPI-TWAMP-MIB	twampserverclientconnected	ipiTwampConnectionClientVrf	VRF where the client is connected	3	OCTETSTR	
IPI-TWAMP-MIB	twampservermaximumconnectionsexceeded	ipiTwampServerMaxConnections	Set the maximum connections	0	UNSIGNED32	
IPI-TWAMP-MIB	twampdelaythresholdbreached	ipiTwampTestSessionSessionName	Test Session name associated with this instance	0	OCTETSTR	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-TWAMP-MIB	twampdelaythresholdbreached	ipITwampTestSessionVrfName	Use this attribute to set the session VRF name	1	OCTETSTR	
IPI-TWAMP-MIB	twampdelaythresholdbreached	ipITwampRoundTripDelayAverage	This attribute represents the average value within the statistics	2	COUNTER64	
IPI-TWAMP-MIB	twampservermaximumconnectionsperclientexceeded	ipITwampServerMaxConnectionsPerClient	Set the maximum number of connections per client	0	UNSIGNED32	
IPI-TWAMP-MIB	twampservermaximumconnectionsperclientexceeded	ipITwampConnectionConnectionId	Connection ID	1	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossedcleared	ipITwampOverallPacketRatePacketSendingRate	TWAMP packet sending rate	0	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossedcleared	ipITwampOverallPacketRateSendersRate	TWAMP senders rate	1	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossedcleared	ipITwampOverallPacketRateReflectorsRate	TWAMP reflectors rate	2	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossedcleared	ipITwampOverallPacketRateMaxSendingRate	TWAMP maximum supported sending rate	3	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossedcleared	ipITwampOverallPacketRateMaxSendingRateCrossed	TWAMP maximum supported sending rate crossed	4	INTEGER	false: 0 true: 1
IPI-TWAMP-MIB	twampoverallratecrossed	ipITwampOverallPacketRatePacketSendingRate	TWAMP packet sending rate	0	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossed	ipITwampOverallPacketRateSendersRate	TWAMP senders rate	1	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossed	ipITwampOverallPacketRateReflectorsRate	TWAMP reflectors rate	2	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossed	ipITwampOverallPacketRateMaxSendingRate	TWAMP maximum supported sending rate	3	UNSIGNED32	
IPI-TWAMP-MIB	twampoverallratecrossed	ipITwampOverallPacketRateMaxSendingRateCrossed	TWAMP maximum supported sending rate crossed	4	INTEGER	false: 0 true: 1
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmTransPreFecBerVal	Forward error correction bit error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmTransPreFecBerCriticMin	Min alert value for pre-forward error correction ber. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrHigh	cmmTransPreFecBerCriticMax	Max alert value for pre-forward error correction ber -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlertRecovery	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlertRecovery	cmmSysPSTemperature2AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlertRecovery	cmmSysPSTemperature2AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlert	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlert	cmmSysOutputCurrentAlertThresholdMin	Value represents alert min threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlert	cmmSysOutputCurrentAlertThresholdMax	Value represents alert max threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlertRecovery	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlertRecovery	cmmSysInputVoltageAlertThresholdMin	Value represents alert min threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlertRecovery	cmmSysInputVoltageAlertThresholdMax	Value represents alert max threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuAcRecover	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuAcRecover	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowEmergency	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowEmergency	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowEmergency	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowEmergency	cmmSysTempEmergencyThresholdMin	Value represents Temperature Sensor Min Emergency threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowEmergency	cmmSysTempEmergencyThresholdMax	Value represents Temperature Sensor Max Emergency threshold. -100001 indicates unavailable	4	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowEmergency	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighAlert	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighAlert	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighAlert	cmmTransWavelengthError	Transceiver Wavelength Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighAlert	cmmTransWavelengthErrorAlertThresholdMin	The minimum alert threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighAlert	cmmTransWavelengthErrorAlertThresholdMax	The maximum alert threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageRisingAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageRisingAlert	cmmSysHarddiskUsedMem	Used Memory in the Hard disk. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageRisingAlert	cmmSysHarddiskUsageAlertThreshold	Harddisk usage threshold % for Alert Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinCriticalRecovery	cmmStackCpuLoad1minCriticalThreshold	The CPU Critical Threshold percentage value for 1 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinCriticalRecovery	cmmStackUnitCpuLoad1Min	CPU Load in percentage for last 1 minute. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempHigh	cmmTransTemperature	Internally measured temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempHigh	cmmTransTempAlertThresholdMin	Min Alarm Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempHigh	cmmTransTempAlertThresholdMax	Max Alarm Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCriticalRecovery	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCriticalRecovery	cmmSysPSTemperature1CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCriticalRecovery	cmmSysPSTemperature1CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowCritical	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowCritical	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowCritical	cmmTransWavelengthError	Transceiver Wavelength Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowCritical	cmmTransWavelengthErrorCriticalThresholdMin	The minimum critical threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowCritical	cmmTransWavelengthErrorCriticalThresholdMax	The maximum critical threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverSnrRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverSnrRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverSnrRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverSnrRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverSnrRecovered	cmmTransSnrVal	Signal to noise ratio on ingress lane. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsu12vPgRecover	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsu12vPgRecover	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageAlertRecovery	cmmSysHarddiskUsedMem	Used Memory in the Hard disk. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageAlertRecovery	cmmSysHarddiskUsageAlertThreshold	Harddisk usage threshold % for Alert Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCritical	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCritical	cmmSysInputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCritical	cmmSysInputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalFaultyTransceiverInserted	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalFaultyTransceiverInserted	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalFaultyTransceiverInserted	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlert	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlert	cmmSysInputPowerAlertThresholdMin	Value represents alert min threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlert	cmmSysInputPowerAlertThresholdMax	Value represents alert max threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverUncorrectedBerRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverUncorrectedBerRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverUncorrectedBerRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverUncorrectedBerRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverUncorrectedBerRecovered	cmmTransUncorrectedBerVal	Frame error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighCritical	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighCritical	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighCritical	cmmTransFrequencyError	Transceiver Frequency Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighCritical	cmmTransFrequencyErrorCriticalThresholdMin	The miniimum critical threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighCritical	cmmTransFrequencyErrorCriticalThresholdMax	The maximum critical threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlertRecovery	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlertRecovery	cmmSysInputCurrentAlertThresholdMin	Value represents alert min threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlertRecovery	cmmSysInputCurrentAlertThresholdMax	Value represents alert max threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmTransTxPower	Measured TX output power in Channel of transceiver. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmTransTxPowerCriticalThresholdMin	Min Critical Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerHigh	cmmTransTxPowerCriticalThresholdMax	Max Critical Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverBiasRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverBiasRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverBiasRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverBiasRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverBiasRecovered	cmmTransLaserBiasCurrent	Internally measured TX Bias Current in Channel of transceiver -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCriticalRecovery	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCriticalRecovery	cmmSysPSConsumptionCriticalThresholdMin	Value represents min critical threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCriticalRecovery	cmmSysPSConsumptionCriticalThresholdMax	Value represents max critical threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlertRecovery	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlertRecovery	cmmSysPSTemperature3AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlertRecovery	cmmSysPSTemperature3AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageCriticalRecovery	cmmSysRamUsedMem	Used RAM in this unit. -100001 indicates unavailable. -100002 indicates not-applicable.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageCriticalRecovery	cmmSysRamCriticalThreshold	RAM usage threshold % for Critical level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmTransSnrVal	Signal to noise ratio on ingress lane. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmTransSnrCriticMin	Min alert value for signal-to-noise ratio on ingress lane. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrHigh	cmmTransSnrCriticMax	Max alert value for signal-to-noise ratio on ingress lane. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCritical	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCritical	cmmSysInputPowerCriticalThresholdMin	Value represents min critical threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCritical	cmmSysInputPowerCriticalThresholdMax	Value represents max critical threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighEmergency	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighEmergency	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighEmergency	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighEmergency	cmmSysTempEmergencyThresholdMin	Value represents Temperature Sensor Min Emergency threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighEmergency	cmmSysTempEmergencyThresholdMax	Value represents Temperature Sensor Max Emergency threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighEmergency	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempHigh	cmmTransTemperature	Internally measured temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempHigh	cmmTransTempCriticalThresholdMin	Min Critical Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempHigh	cmmTransTempCriticalThresholdMax	Max Critical Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlertRecovery	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlertRecovery	cmmSysInputCurrentAlertThresholdMin	Value represents alert min threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlertRecovery	cmmSysInputCurrentAlertThresholdMax	Value represents alert max threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlertRecovery	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlertRecovery	cmmSysInputPowerAlertThresholdMin	Value represents alert min threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlertRecovery	cmmSysInputPowerAlertThresholdMax	Value represents alert max threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempLow	cmmTransTemperature	Internally measured temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempLow	cmmTransTempAlertThresholdMin	Min Alarm Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTempLow	cmmTransTempAlertThresholdMax	Max Alarm Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2Low	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2Low	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2Low	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2Low	cmmTransXFPVoltage2	Internally measured voltage of the second available supply of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2Low	cmmTransXFPVolt2CriticalThresholdMin	The minimum critical threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2Low	cmmTransXFPVolt2CriticalThresholdMax	The maximum critical threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageRisingCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageRisingCritical	cmmSysHarddiskUsedMem	Used Memory in the Hard disk. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageRisingCritical	cmmSysHarddiskUsageCriticalThreshold	Harddisk usage threshold % for Critical Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCritical	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCritical	cmmSysOutputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCritical	cmmSysOutputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowCriticalRecovery	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowCriticalRecovery	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowCriticalRecovery	cmmSysTempCriticalThresholdMin	Value represents Temperature Sensor Min Critical threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowCriticalRecovery	cmmSysTempCriticalThresholdMax	Value represents Temperature Sensor Max Critical threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowCriticalRecovery	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighAlertRecovery	cmmStackUnitCpuUtilization	CPU Utilization at this instance in percentage for this unit. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2High	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2High	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2High	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2High	cmmTransXFPVoltage2	Internally measured voltage of the second available supply of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2High	cmmTransXFPVolt2CriticalThresholdMin	The minimum critical threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPCriticalVoltage2High	cmmTransXFPVolt2CriticalThresholdMax	The maximum critical threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmTransResIsiVal	Residual-isi value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmTransResIsiCriticalMin	Min critical value for residual-isi. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiHigh	cmmTransResIsiCriticalMax	Max critical value for residual-isi. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempLow	cmmTransTemperature	Internally measured temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempLow	cmmTransTempCriticalThresholdMin	Min Critical Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTempLow	cmmTransTempCriticalThresholdMax	Max Critical Threshold temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmTransTecCurrErrVal	Thermo-elecrical cooler current value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmTransTecCurrErrCriticMin	Min alert value for thermo-elecrical cooler current. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrLow	cmmTransTecCurrErrCriticMax	Max alert value for thermo-elecrical cooler current. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlert	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlert	cmmSysOutputVoltageAlertThresholdMin	Value represents alert min threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlert	cmmSysOutputVoltageAlertThresholdMax	Value represents alert max threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmTransPreFecBerVal	Forward error correction bit error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmTransPreFecBerCriticalMin	Min critical value for pre-forward error correction ber. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrHigh	cmmTransPreFecBerCriticalMax	Max critical value for pre-forward error correction ber. -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmTransRxPower	Measured RX input power in Channel of transceiver -100000 value represents no power in the transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmTransRxPowerCriticalThresholdMin	Min Critical Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerHigh	cmmTransRxPowerCriticalThresholdMax	Max Critical Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageHigh	cmmTransVoltage	Internally measured supply voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageHigh	cmmTransVoltAlertThresholdMin	Min Alarm Threshold voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageHigh	cmmTransVoltAlertThresholdMax	Max Alarm Threshold voltage of the transceiver in Volts. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlertRecovery	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlertRecovery	cmmSysPSConsumptionAlertThresholdMin	Value represents alert min threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlertRecovery	cmmSysPSConsumptionAlertThresholdMax	Value represents alert max threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlert	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlert	cmmSysPSTemperature1AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlert	cmmSysPSTemperature1AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlert	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlert	cmmSysInputPowerAlertThresholdMin	Value represents alert min threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighAlert	cmmSysInputPowerAlertThresholdMax	Value represents alert max threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTransceiverRemoved	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTransceiverRemoved	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTransceiverRemoved	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTransceiverRemoved	cmmTransVendorName	Transceiver vendor name. Blank indicates unavailable	3	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTransceiverRemoved	cmmTransVendorSerialNumber	Serial number provided by vendor. Blank indicates unavailable	4	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTransceiverRemoved	cmmTransconnectortype	Connector type for the transceiver.	5	INTEGER	mechanical-transfer-registeredjack: 9 fibrenchannel-style2-copperconnector: 4 no-separable-connector: 18 bayonet-or-threaded-neill-concelman: 5 type-unknown: 1 fiber-jack: 7 rj45: 17 sg: 11 multifiber-paralleloptic-1x12: 13 mxc2-x16: 19 lucent-connector: 8 copper-pigtail: 16 unavailable: -100001 subscriber-connector: 2 not-applicable: -100002 vendor-specific: 21 optical-pigtail: 12 hssdcii: 15 fibrenchannel-coaxheaders: 6 fibrenchannel-style1-copperconnector: 3 multiple-optical: 10 reserved: 20 multifiber-paralleloptic-1x16: 14
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmTransResIsiVal	Residual-isi value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmTransResIsiCriticMin	Min alert value for residual-isi. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiLow	cmmTransResIsiCriticMax	Max alert value for residual-isi. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCritical	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCritical	cmmSysPSConsumptionCriticalThresholdMin	Value represents min critical threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowCritical	cmmSysPSConsumptionCriticalThresholdMax	Value represents max critical threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighCriticalRecovery	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighCriticalRecovery	cmmSysOutputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighCriticalRecovery	cmmSysOutputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageAlertRecovery	cmmSysRamUsedMem	Used RAM in this unit. -100001 indicates unavailable. -100002 indicates not-applicable.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageAlertRecovery	cmmSysRamAlertThreshold	RAM usage threshold % for Alert level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCriticalRecovery	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCriticalRecovery	cmmSysInputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCriticalRecovery	cmmSysInputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCriticalIncompatibleTransceiverPresence	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCriticalIncompatibleTransceiverPresence	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCriticalRecovery	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCriticalRecovery	cmmSysInputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCriticalRecovery	cmmSysInputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlertRecovery	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlertRecovery	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlertRecovery	cmmSysTempAlertThresholdMin	Value represents Temperature Sensor Min Alert threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlertRecovery	cmmSysTempAlertThresholdMax	Value represents Temperature Sensor Max Alert threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlertRecovery	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverVoltRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverVoltRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverVoltRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverVoltRecovered	cmmTransVoltage	Internally measured supply voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlertRecovery	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlertRecovery	cmmSysInputPowerAlertThresholdMin	Value represents alert min threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowAlertRecovery	cmmSysInputPowerAlertThresholdMax	Value represents alert max threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmTransTxPower	Measured TX output power in Channel of transceiver. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmTransTxPowerAlertThresholdMin	Min Alarm Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerLow	cmmTransTxPowerAlertThresholdMax	Max Alarm Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlert	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlert	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlert	cmmSysTempAlertThresholdMin	Value represents Temperature Sensor Min Alert threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlert	cmmSysTempAlertThresholdMax	Value represents Temperature Sensor Max Alert threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlert	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverResIsiRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverResIsiRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverResIsiRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverResIsiRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverResIsiRecovered	cmmTransResIsiVal	Residual-isi value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMMaxCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMMaxCritical	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMMaxCritical	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMMaxCritical	cmmFanRpmMax	Value represents the maximum supported RPM of fan. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlert	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlert	cmmSysPSTemperature1AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlert	cmmSysPSTemperature1AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCriticalRecovery	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCriticalRecovery	cmmSysPSTemperature2CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCriticalRecovery	cmmSysPSTemperature2CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCritical	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCritical	cmmSysPSTemperature1CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowCritical	cmmSysPSTemperature1CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringWriteAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringWriteAlert	cmmSysHardDiskActivityMonitoringWrite	Harddisk activity monitoring average write. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringWriteAlert	cmmSysHardDiskActivityMonitoringWriteThreshold	Harddisk activity monitoring write threshold. -100001 indicates unavailable	2	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskAvailableReservedSpaceCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskAvailableReservedSpaceCritical	cmmSysHardDiskAvailableReservedSpace	Harddisk Available Reserved Space %. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskAvailableReservedSpaceCritical	cmmSysHardDiskAvailableReservedSpaceCriticalThreshold	Harddisk Available Reserved Space threshold % for Critical Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmTransPreFecBerVal	Forward error correction bit error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmTransPreFecBerCriticMin	Min alert value for pre-forward error correction ber. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransAlertPreFecBerErrLow	cmmTransPreFecBerCriticMax	Max alert value for pre-forward error correction ber -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmTransPreFecBerVal	Forward error correction bit error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmTransPreFecBerCriticalMin	Min critical value for pre-forward error correction ber. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalPreFecBerErrLow	cmmTransPreFecBerCriticalMax	Max critical value for pre-forward error correction ber. -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighCritical	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighCritical	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighCritical	cmmTransWavelengthError	Transceiver Wavelength Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighCritical	cmmTransWavelengthErrorCriticalThresholdMin	The minimum critical threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorHighCritical	cmmTransWavelengthErrorCriticalThresholdMax	The maximum critical threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmTransLaserBiasCurrent	Internally measured TX Bias Current in Channel of transceiver -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmTransLaserBiasCurrCriticalThresholdMin	Min Critical Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiasLow	cmmTransLaserBiasCurrCriticalThresholdMax	Max Critical Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlertRecovery	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlertRecovery	cmmSysPSTemperature2AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlertRecovery	cmmSysPSTemperature2AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsu12vPgFailedCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsu12vPgFailedCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTranAlertTransceiverPortRxLoss	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTranAlertTransceiverPortRxLoss	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTranAlertTransceiverPortRxLoss	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTranAlertTransceiverPortRxLoss	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlertRecovery	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlertRecovery	cmmSysPSTemperature3AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlertRecovery	cmmSysPSTemperature3AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighCriticalRecovery	cmmStackUnitCpuUtilization	CPU Utilization at this instance in percentage for this unit. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmTransTecCurrErrVal	Thermo-elecrical cooler current value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmTransTecCurrErrCriticMin	Min alert value for thermo-elecrical cooler current. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTecCurrErrHigh	cmmTransTecCurrErrCriticMax	Max alert value for thermo-elecrical cooler current. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlert	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlert	cmmSysPSTemperature2AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowAlert	cmmSysPSTemperature2AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlertRecovery	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlertRecovery	cmmSysInputVoltageAlertThresholdMin	Value represents alert min threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlertRecovery	cmmSysInputVoltageAlertThresholdMax	Value represents alert max threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLaserTempRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLaserTempRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLaserTempRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLaserTempRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLaserTempRecovered	cmmTransLaserTempVal	Laser Temperature value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCritical	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCritical	cmmSysPSTemperature3CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCritical	cmmSysPSTemperature3CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmTransLaserTempVal	Laser Temperature value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmTransLaserTempCriticalMin	Min critical value for Laser Temperature. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValHigh	cmmTransLaserTempCriticalMax	Max critical value for Laser Temperature. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlert	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlert	cmmSysOutputCurrentAlertThresholdMin	Value represents alert min threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlert	cmmSysOutputCurrentAlertThresholdMax	Value represents alert max threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmTransSnrVal	Signal to noise ratio on ingress lane. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmTransSnrCriticMin	Min alert value for signal-to-noise ratio on ingress lane. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertSnrLow	cmmTransSnrCriticMax	Max alert value for signal-to-noise ratio on ingress lane. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageHigh	cmmTransVoltage	Internally measured supply voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageHigh	cmmTransVoltCriticalThresholdMin	Min Critical Threshold voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageHigh	cmmTransVoltCriticalThresholdMax	Max Critical Threshold voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCritical	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCritical	cmmSysInputPowerCriticalThresholdMin	Value represents min critical threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCritical	cmmSysInputPowerCriticalThresholdMax	Value represents max critical threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCriticalRecovery	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCriticalRecovery	cmmSysInputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCriticalRecovery	cmmSysInputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlert	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlert	cmmSysPSConsumptionAlertThresholdMin	Value represents alert min threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighAlert	cmmSysPSConsumptionAlertThresholdMax	Value represents alert max threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPortRxLossRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPortRxLossRecovery	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPortRxLossRecovery	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPortRxLossRecovery	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowCritical	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowCritical	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowCritical	cmmTransFrequencyError	Transceiver Frequency Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowCritical	cmmTransFrequencyErrorCriticalThresholdMin	The miniium critical threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowCritical	cmmTransFrequencyErrorCriticalThresholdMax	The maximum critical threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlert	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlert	cmmSysPSTemperature3AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowAlert	cmmSysPSTemperature3AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlertRecovery	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlertRecovery	cmmSysPSTemperature1AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighAlertRecovery	cmmSysPSTemperature1AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageRisingCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageRisingCritical	cmmSysRamUsedMem	Used RAM in this unit. -100001 indicates unavailable. -100002 indicates not-applicable.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageRisingCritical	cmmSysRamCriticalThreshold	RAM usage threshold % for Critical level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCriticalRecovery	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCriticalRecovery	cmmSysInputPowerCriticalThresholdMin	Value represents min critical threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerLowCriticalRecovery	cmmSysInputPowerCriticalThresholdMax	Value represents max critical threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverInserted	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverInserted	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverInserted	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverInserted	cmmTransVendorName	Transceiver vendor name. Blank indicates unavailable	3	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverInserted	cmmTransVendorSerialNumber	Serial number provided by vendor. Blank indicates unavailable	4	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverInserted	cmmTransconnectortype	Connector type for the transceiver.	5	INTEGER	mechanical-transfer-registeredjack: 9 fibrechannel-style2-copperconnector: 4 no-separable-connector: 18 bayonet-or-threaded-neill-concelman: 5 type-unknown: 1 fiber-jack: 7 rj45: 17 sg: 11 multifiber-paralleloptic-1x12: 13 mxc2-x16: 19 lucent-connector: 8 copper-pigtail: 16 unavailable: -100001 subscriber-connector: 2 not-applicable: -100002 vendor-specific: 21 optical-pigtail: 12 hssdcii: 15 fibrechannel-coaxheaders: 6 fibrechannel-style1-copperconnector: 3 multiple-optical: 10 reserved: 20 multifiber-paralleloptic-1x16: 14
IPI-CMM-CHASSIS-MIB	cmmFanTrayRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayRecovered	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayRecovered	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskReallocSectorsCountAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskReallocSectorsCountAlert	cmmSysHardDiskReallocSectorsCount	Harddisk Reallocated Sectors Count Percentage. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuInsertedNotify	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuInsertedNotify	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmPsuInsertedNotify	cmmSysPowerSupplyOperStatus	The status of the power supply.	2	INTEGER	not-applicable: -100002 running: 2 notpresent: 1 faulty: 3
IPI-CMM-CHASSIS-MIB	cmmPsuInsertedNotify	cmmPsuSerialNumber	Serial Number Blank indicates unavailable	3	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTempRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTempRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTempRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTempRecovered	cmmTransTemperature	Internally measured temperature of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayFaultyCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayFaultyCritical	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayFaultyCritical	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlertRecovery	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlertRecovery	cmmSysOutputVoltageAlertThresholdMin	Value represents alert min threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlertRecovery	cmmSysOutputVoltageAlertThresholdMax	Value represents alert max threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCritical	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCritical	cmmSysPSTemperature1CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCritical	cmmSysPSTemperature1CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCriticalRecovery	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCriticalRecovery	cmmSysPSTemperature2CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCriticalRecovery	cmmSysPSTemperature2CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCriticalRecovery	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCriticalRecovery	cmmSysOutputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCriticalRecovery	cmmSysOutputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighCritical	cmmStackUnitCpuUtilCriticalThreshold	The CPU utilization Critical Threshold %. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighCritical	cmmStackUnitCpuUtilization	CPU Utilization at this instance in percentage for this unit. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringReadRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringReadRecovery	cmmSysHardDiskActivityMonitoringRead	Harddisk activity monitoring average read. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringReadRecovery	cmmSysHardDiskActivityMonitoringReadThreshold	Harddisk activity monitoring read threshold. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighAlert	cmmStackUnitCpuUtilAlertThreshold	The CPU utilization Alert Threshold %. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuCoreUtilHighAlert	cmmStackUnitCpuUtilization	CPU Utilization at this instance in percentage for this unit. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmTransUncorrectedBerVal	Frame error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmTransUncorrectedBerValCriticMin	Min alert value for Frame error rate. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransAlertUncorrectedBerLow	cmmTransUncorrectedBerValCriticMax	Max alert value for Frame error rate. -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlertRecovery	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlertRecovery	cmmSysOutputCurrentAlertThresholdMin	Value represents alert min threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowAlertRecovery	cmmSysOutputCurrentAlertThresholdMax	Value represents alert max threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlert	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlert	cmmSysPSConsumptionAlertThresholdMin	Value represents alert min threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlert	cmmSysPSConsumptionAlertThresholdMax	Value represents alert max threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmTransLvITransVal	Level transition value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmTransLvITransCriticalMin	Min critical value for level transition. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranHigh	cmmTransLvITransCriticalMax	Max critical value for level transition. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlert	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlert	cmmSysInputVoltageAlertThresholdMin	Value represents alert min threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowAlert	cmmSysInputVoltageAlertThresholdMax	Value represents alert max threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAAlertVoltage2High	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAAlertVoltage2High	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAAlertVoltage2High	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransXFPAAlertVoltage2High	cmmTransXFPVoltage2	Internally measured voltage of the second available supply of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAAlertVoltage2High	cmmTransXFPVolt2AlertThresholdMin	The minimum warning threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2High	cmmTransXFPVolt2AlertThresholdMax	The maximum warning threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuRemovedCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuRemovedCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuRemovedCritical	cmmSysPowerSupplyOperStatus	The status of the power supply.	2	INTEGER	not-applicable: -100002 running: 2 notpresent: 1 faulty: 3
IPI-CMM-CHASSIS-MIB	cmmPsuRemovedCritical	cmmPsuSerialNumber	Serial Number Blank indicates unavailable	3	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmTransResIsiVal	Residual-isi value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmTransResIsiCriticalMin	Min critical value for residual-isi. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalResIsiLow	cmmTransResIsiCriticalMax	Max critical value for residual-isi. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmTransSnrVal	Signal to noise ratio on ingress lane. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmTransSnrCriticalMin	Min critical value for signal-to-noise ratio on ingress lane. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrLow	cmmTransSnrCriticalMax	Max critical value for signal-to-noise ratio on ingress lane. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmTransLvITransVal	Level transition value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmTransLvITransCriticalMin	Min critical value for level transition. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLvITranLow	cmmTransLvITransCriticalMax	Max critical value for level transition. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad5MinAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad5MinAlert	cmmStackCpuLoad5minAlertThreshold	The CPU Threshold percentage value for 5 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad5MinAlert	cmmStackUnitCpuLoad5Min	CPU Load in percentage for last 5 minutes. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayStallRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayStallRecovered	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayStallRecovered	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlertRecovery	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlertRecovery	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlertRecovery	cmmSysTempAlertThresholdMin	Value represents Temperature Sensor Min Alert threshold. -100001 indicates unavailable	3	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlertRecovery	cmmSysTempAlertThresholdMax	Value represents Temperature Sensor Max Alert threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureLowAlertRecovery	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmFanRPMDecreasedNotify	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMDecreasedNotify	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMDecreasedNotify	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMDecreasedNotify	cmmFanRpm	Value represents the fan rpm. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskStorageStatusNotification	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskStorageStatusNotification	cmmSysHardDiskStorageStatus	Hard disk storage status (EOL). -100001 indicates unavailable, -100002 indicates not-applicable.	1	INTEGER	not-applicable: -100002 alert: 3 critical: 2 undefined: 4 normal: 1 unavailable: -100001
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinAlertRecovery	cmmStackCpuLoad1minAlertThreshold	The CPU Alert Threshold percentage value for 1 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinAlertRecovery	cmmStackUnitCpuLoad1Min	CPU Load in percentage for last 1 minute. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCritical	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCritical	cmmSysOutputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighCritical	cmmSysOutputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlert	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlert	cmmSysInputCurrentAlertThresholdMin	Value represents alert min threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowAlert	cmmSysInputCurrentAlertThresholdMax	Value represents alert max threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCritical	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCritical	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCritical	cmmSysTempCriticalThresholdMin	Value represents Temperature Sensor Min Critical threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCritical	cmmSysTempCriticalThresholdMax	Value represents Temperature Sensor Max Critical threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCritical	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCriticalRecovery	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCriticalRecovery	cmmSysInputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageLowCriticalRecovery	cmmSysInputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmTransLaserBiasCurrent	Internally measured TX Bias Current in Channel of transceiver -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmTransLaserBiasCurrAlertThresholdMin	Min Alarm Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasLow	cmmTransLaserBiasCurrAlertThresholdMax	Max Alarm Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPreFecBerRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPreFecBerRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPreFecBerRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPreFecBerRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverPreFecBerRecovered	cmmTransPreFecBerVal	Forward error correction bit error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmTransLaserBiasCurrent	Internally measured TX Bias Current in Channel of transceiver -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmTransLaserBiasCurrCriticalThresholdMin	Min Critical Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalBiashigh	cmmTransLaserBiasCurrCriticalThresholdMax	Max Critical Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmTransRxPower	Measured RX input power in Channel of transceiver -100000 value represents no power in the transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmTransRxPowerAlertThresholdMin	Min Alarm Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerHigh	cmmTransRxPowerAlertThresholdMax	Max Alarm Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskRemainLifeRisingAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskRemainLifeRisingAlert	cmmSysHardDiskRemainLife	Harddisk Remain life %. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskRemainLifeRisingAlert	cmmSysHardDiskRemainLifeAlertThreshold	Harddisk Remain Life threshold % for Alert Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmTransTecCurrErrVal	Thermo-electrical cooler current value. -100002 indicates not-applicable.	4	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmTransTecCurrErrCriticalMin	Min critical value for thermo-elecrical cooler current. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrLow	cmmTransTecCurrErrCriticalMax	Max critical value for thermo-elecrical cooler current. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCritical	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCritical	cmmSysInputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentLowCritical	cmmSysInputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCriticalRecovery	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCriticalRecovery	cmmSysPSTemperature1CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1HighCriticalRecovery	cmmSysPSTemperature1CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMIncreasedNotify	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMIncreasedNotify	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMIncreasedNotify	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanRPMIncreasedNotify	cmmFanRpm	Value represents the fan rpm. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlertRecovery	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlertRecovery	cmmSysOutputCurrentAlertThresholdMin	Value represents alert min threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentHighAlertRecovery	cmmSysOutputCurrentAlertThresholdMax	Value represents alert max threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageLow	cmmTransVoltage	Internally measured supply voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageLow	cmmTransVoltAlertThresholdMin	Min Alarm Threshold voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertVoltageLow	cmmTransVoltAlertThresholdMax	Max Alarm Threshold voltage of the transceiver in Volts. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmTransUncorrectedBerVal	Frame error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmTransUncorrectedBerValCriticalMin	Min critical value for Frame error rate. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerHigh	cmmTransUncorrectedBerValCriticalMax	Max critical value for Frame error rate. -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCriticalRecovery	cmmSysInputPower	Input Power of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCriticalRecovery	cmmSysInputPowerCriticalThresholdMin	Value represents min critical threshold of PSU input power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputPowerHighCriticalRecovery	cmmSysInputPowerCriticalThresholdMax	Value represents max critical threshold of PSU input power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCriticalRecovery	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCriticalRecovery	cmmSysPSTemperature3CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighCriticalRecovery	cmmSysPSTemperature3CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmTransLvITransVal	Level transition value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmTransLvITransCriticMin	Min alert value for level transition. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranHigh	cmmTransLvITransCriticMax	Max alert value for level transition. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageLow	cmmTransVoltage	Internally measured supply voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageLow	cmmTransVoltCriticalThresholdMin	Min Critical Threshold voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalVoltageLow	cmmTransVoltCriticalThresholdMax	Max Critical Threshold voltage of the transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringReadAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringReadAlert	cmmSysHardDiskActivityMonitoringRead	Harddisk activity monitoring average read. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringReadAlert	cmmSysHardDiskActivityMonitoringReadThreshold	Harddisk activity monitoring read threshold. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad5MinAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad5MinAlertRecovery	cmmStackCpuLoad5minAlertThreshold	The CPU Threshold percentage value for 5 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad5MinAlertRecovery	cmmStackUnitCpuLoad5Min	CPU Load in percentage for last 5 minutes. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorRecovery	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorRecovery	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorRecovery	cmmTransFrequencyError	Transceiver Frequency Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinCritical	cmmStackCpuLoad1minCriticalThreshold	The CPU Critical Threshold percentage value for 1 min load. -100001 indicates unavailable	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinCritical	cmmStackUnitCpuLoad1Min	CPU Load in percentage for last 1 minute. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCritical	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCritical	cmmSysPSTemperature2CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2LowCritical	cmmSysPSTemperature2CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad15MinAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad15MinAlert	cmmStackCpuLoad15minAlertThreshold	The CPU Threshold percentage value for 15 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad15MinAlert	cmmStackUnitCpuLoad15Min	CPU Load in percentage for last 15 minutes. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlertRecovery	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlertRecovery	cmmSysOutputVoltageAlertThresholdMin	Value represents alert min threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageHighAlertRecovery	cmmSysOutputVoltageAlertThresholdMax	Value represents alert max threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmTransLvITransVal	Level transition value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmTransLvITransCriticMin	Min alert value for level transition. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLvITranLow	cmmTransLvITransCriticMax	Max alert value for level transition. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTxPowRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTxPowRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTxPowRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTxPowRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTxPowRecovered	cmmTransTxPower	Measured TX output power in Channel of transceiver. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCritical	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCritical	cmmSysOutputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCritical	cmmSysOutputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransTECFaultRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransTECFaultRecovery	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransTECFaultRecovery	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmCpuLoad15MinAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmCpuLoad15MinAlertRecovery	cmmStackCpuLoad15minAlertThreshold	The CPU Threshold percentage value for 15 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad15MinAlertRecovery	cmmStackUnitCpuLoad15Min	CPU Load in percentage for last 15 minutes. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2Low	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2Low	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2Low	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2Low	cmmTransXFPVoltage2	Internally measured voltage of the second available supply of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2Low	cmmTransXFPVolt2AlertThresholdMin	The minimum warning threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransXFPAlertVoltage2Low	cmmTransXFPVolt2AlertThresholdMax	The maximum warning threshold of the second available voltage of the XFP transceiver. This is common across channels for a transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringWriteRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringWriteRecovery	cmmSysHardDiskActivityMonitoringWrite	Harddisk activity monitoring average write. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskActivityMonitoringWriteRecovery	cmmSysHardDiskActivityMonitoringWriteThreshold	Harddisk activity monitoring write threshold. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverRxPowRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverRxPowRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverRxPowRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverRxPowRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverRxPowRecovered	cmmTransRxPower	Measured RX input power in Channel of transceiver -100000 value represents no power in the transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlertRecovery	cmmSysPSTemperature1	Temperature of Power supply sensor 1. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlertRecovery	cmmSysPSTemperature1AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature1. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature1LowAlertRecovery	cmmSysPSTemperature1AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature1. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlert	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlert	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlert	cmmSysTempAlertThresholdMin	Value represents Temperature Sensor Min Alert threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlert	cmmSysTempAlertThresholdMax	Value represents Temperature Sensor Max Alert threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighAlert	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValLow	cmmTransLaserTempVal	Laser Temperature value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValLow	cmmTransLaserTempCriticMin	Min alert value for Laser Temperature. -100002 indicates not-applicable.	5	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempVallow	cmmTransLaserTempCriticMax	Max alert value for Laser Temperature. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmTransRxPower	Measured RX input power in Channel of transceiver -100000 value represents no power in the transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmTransRxPowerCriticalThresholdMin	Min Critical Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalRxPowerLow	cmmTransRxPowerCriticalThresholdMax	Max Critical Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowAlert	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowAlert	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowAlert	cmmTransWavelengthError	Transceiver Wavelength Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowAlert	cmmTransWavelengthErrorAlertThresholdMin	The minimum alert threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorLowAlert	cmmTransWavelengthErrorAlertThresholdMax	The maximum alert threshold for transceiver wavelength-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCriticalRecovery	cmmSysTemperatureSensorIndex	Value represents Temperature Sensor Index	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCriticalRecovery	cmmSysTemperatureValue	Value represents Temperature Sensor value. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCriticalRecovery	cmmSysTempCriticalThresholdMin	Value represents Temperature Sensor Min Critical threshold. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCriticalRecovery	cmmSysTempCriticalThresholdMax	Value represents Temperature Sensor Max Critical threshold. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTemperatureHighCriticalRecovery	cmmSysTemperatureSensorName	Temperature Sensor Name. Blank indicates unavailable	5	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlertRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlertRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlertRecovery	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlertRecovery	cmmSysPSConsumptionAlertThresholdMin	Value represents alert min threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerLowAlertRecovery	cmmSysPSConsumptionAlertThresholdMax	Value represents alert max threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCriticalRecovery	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCriticalRecovery	cmmSysPSTemperature3CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCriticalRecovery	cmmSysPSTemperature3CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCritical	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCritical	cmmSysPSTemperature3CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3LowCritical	cmmSysPSTemperature3CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinAlert	cmmStackCpuLoad1minAlertThreshold	The CPU Alert Threshold percentage value for 1 min load. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmCpuLoad1MinAlert	cmmStackUnitCpuLoad1Min	CPU Load in percentage for last 1 minute. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCriticalRecovery	cmmSysOutputCurrent	Output Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCriticalRecovery	cmmSysOutputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU output current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputCurrentLowCriticalRecovery	cmmSysOutputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU output current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayInsertedNotify	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayInsertedNotify	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayInsertedNotify	cmmFanSerialNumber	Serial Number Blank indicates unavailable	2	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmPsuAcFailedCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmPsuAcFailedCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTecCurrErrRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTecCurrErrRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTecCurrErrRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTecCurrErrRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverTecCurrErrRecovered	cmmTransTecCurrErrVal	Thermo-elecrical cooler current value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCritical	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCritical	cmmSysInputCurrentCriticalThresholdMin	Value represents min critical threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighCritical	cmmSysInputCurrentCriticalThresholdMax	Value represents max critical threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransTECFaultCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransTECFaultCritical	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransTECFaultCritical	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCriticalRecovery	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCriticalRecovery	cmmSysOutputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowCriticalRecovery	cmmSysOutputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlerttresIsiHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlerttresIsiHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlerttresIsiHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlerttresIsiHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiHigh	cmmTransResIsiVal	Residual-isi value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiHigh	cmmTransResIsiCriticMin	Min alert value for residual-isi. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertresIsiHigh	cmmTransResIsiCriticMax	Max alert value for residual-isi. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmTransTxPower	Measured TX output power in Channel of transceiver. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmTransTxPowerAlertThresholdMin	Min Alarm Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertTxPowerHigh	cmmTransTxPowerAlertThresholdMax	Max Alarm Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmTransLaserBiasCurrent	Internally measured TX Bias Current in Channel of transceiver -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmTransLaserBiasCurrAlertThresholdMin	Min Alarm Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertBiasHigh	cmmTransLaserBiasCurrAlertThresholdMax	Max Alarm Threshold of Laser Bias Current per channel. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlert	cmmSysInputCurrent	Input Current of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlert	cmmSysInputCurrentAlertThresholdMin	Value represents alert min threshold of PSU input current. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputCurrentHighAlert	cmmSysInputCurrentAlertThresholdMax	Value represents alert max threshold of PSU input current. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskAvailableReservedSpaceAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskAvailableReservedSpaceAlert	cmmSysHardDiskAvailableReservedSpace	Harddisk Available Reserved Space %. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskAvailableReservedSpaceAlert	cmmSysHardDiskAvailableReservedSpaceAlertThreshold	Harddisk Available Reserved Space threshold % for alert Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmTransLaserTempVal	Laser Temperatature value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmTransLaserTempCriticalMin	Min critical value for Laser Temperature. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalLaserTempValLow	cmmTransLaserTempCriticalMax	Max critical value for Laser Temperature. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageRisingAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageRisingAlert	cmmSysRamUsedMem	Used RAM in this unit. -100001 indicates unavailable. -100002 indicates not-applicable.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmRamUsageRisingAlert	cmmSysRamAlertThreshold	RAM usage threshold % for Alert level. -100001 indicates unavailable	2	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmTransTxPower	Measured TX output power in Channel of transceiver. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmTransTxPowerCriticalThresholdMin	Min Critical Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTxPowerLow	cmmTransTxPowerCriticalThresholdMax	Max Critical Threshold of TxOutput Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlert	cmmSysPSTemperature3	Temperature of Power supply sensor 3. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlert	cmmSysPSTemperature3AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature3. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature3HighAlert	cmmSysPSTemperature3AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature3. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskRemainLifeRisingCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskRemainLifeRisingCritical	cmmSysHardDiskRemainLife	Harddisk Remain life %. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysHardDiskRemainLifeRisingCritical	cmmSysHardDiskRemainLifeCriticalThreshold	Harddisk Remain Life threshold % for Critical Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCritical	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCritical	cmmSysPSTemperature2CriticalThresholdMin	Value represents min critical threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighCritical	cmmSysPSTemperature2CriticalThresholdMax	Value represents max critical threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayStallCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayStallCritical	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayStallCritical	cmmFanIndex	Index of the fan per fantray.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCritical	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCritical	cmmSysInputVoltageCriticalThresholdMin	Value represents min critical threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighCritical	cmmSysInputVoltageCriticalThresholdMax	Value represents max critical threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighAlert	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighAlert	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighAlert	cmmTransFrequencyError	Transceiver Frequency Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighAlert	cmmTransFrequencyErrorAlertThresholdMin	The minimum alert threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorHighAlert	cmmTransFrequencyErrorAlertThresholdMax	The maximum alert threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowAlert	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowAlert	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowAlert	cmmTransFrequencyError	Transceiver Frequency Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowAlert	cmmTransFrequencyErrorAlertThresholdMin	The minimum alert threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransFrequencyErrorLowAlert	cmmTransFrequencyErrorAlertThresholdMax	The maximum alert threshold for transceiver frequency-error. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCritical	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCritical	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCritical	cmmSysPSConsumptionCriticalThresholdMin	Value represents min critical threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCritical	cmmSysPSConsumptionCriticalThresholdMax	Value represents max critical threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCriticalRecovery	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCriticalRecovery	cmmSysPSConsumption	Output Power of Power supply. -100001 indicates unavailable. -100002 indicates not applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCriticalRecovery	cmmSysPSConsumptionCriticalThresholdMin	Value represents min critical threshold of PSU output power. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputPowerHighCriticalRecovery	cmmSysPSConsumptionCriticalThresholdMax	Value represents max critical threshold of PSU output power. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageCriticalRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageCriticalRecovery	cmmSysHarddiskUsedMem	Used Memory in the Hard disk. -100001 indicates unavailable	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmHardDiskUsageCriticalRecovery	cmmSysHarddiskUsageCriticalThreshold	Harddisk usage threshold % for Critical Level. -100001 indicates unavailable	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmTransLaserTempVal	Laser Temparature value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmTransLaserTempCriticMin	Min alert value for Laser Temperature. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertLaserTempValHigh	cmmTransLaserTempCriticMax	Max alert value for Laser Temperature. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLvITranRecovered	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLvITranRecovered	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLvITranRecovered	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLvITranRecovered	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransNotifyTransceiverLvITranRecovered	cmmTransLvITransVal	Level transition value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorRecovery	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorRecovery	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransWavelengthErrorRecovery	cmmTransWavelengthError	Transceiver Wavelength Error. -100001 indicates unavailable -100002 indicates not-applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlert	cmmSysOutputVoltage	Output Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlert	cmmSysOutputVoltageAlertThresholdMin	Value represents alert min threshold of PSU output voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUOutputVoltageLowAlert	cmmSysOutputVoltageAlertThresholdMax	Value represents alert max threshold of PSU output voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmTransUncorrectedBerVal	Frame error rate value. -100002 indicates not-applicable.	4	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmTransUncorrectedBerValCriticalMin	Min critical value for Frame error rate. -100002 indicates not-applicable.	5	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalUncorrectedBerLow	cmmTransUncorrectedBerValCriticalMax	Max critical value for Frame error rate. -100002 indicates not-applicable.	6	ErrorFigures	
IPI-CMM-CHASSIS-MIB	cmmNotifyIncompatibleTransceiverRecovery	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmNotifyIncompatibleTransceiverRecovery	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlert	cmmSysInputVoltage	Input Voltage of Power supply. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlert	cmmSysInputVoltageAlertThresholdMin	Value represents alert min threshold of PSU input voltage. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUInputVoltageHighAlert	cmmSysInputVoltageAlertThresholdMax	Value represents alert max threshold of PSU input voltage. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayRemovedCritical	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayRemovedCritical	cmmFanTrayNumber	Value represents the fan tray Number.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmFanTrayRemovedCritical	cmmFanSerialNumber	Serial Number Blank indicates unavailable	2	DisplayString	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmTransTecCurrErrVal	Thermo-elecrical cooler current value. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmTransTecCurrErrCriticalMin	Min critical value for thermo-elecrical cooler current. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalTecCurrErrHigh	cmmTransTecCurrErrCriticalMax	Max critical value for thermo-elecrical cooler current. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlert	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlert	cmmSysPSUIndex	The unique index of the power supply.	1	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlert	cmmSysPSTemperature2	Temperature of Power supply sensor 2. -100001 indicates unavailable. -100002 indicates not-applicable.	2	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlert	cmmSysPSTemperature2AlertThresholdMin	Value represents alert min threshold of PSU sensor temperature2. -100001 indicates unavailable	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmSysPSUTemperature2HighAlert	cmmSysPSTemperature2AlertThresholdMax	Value represents alert max threshold of PSU sensor temperature2. -100001 indicates unavailable	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmTransIndex	A unique value, greater than zero,for each slot within the unit	1	INTEGER	

MIB Module Name	Trap Name	Variable Name	Variable Description	Variable Order	Variable Syntax	Variable Enum
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmTransType	Transceiver type	2	INTEGER	not-applicable: -100002 pon-xfp: 4 sfp: 1 xfp: 3 unavailable: -100001 qsfp: 2
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmTransChannelIndex	A unique value, greater than zero,for each channel in the transceiver within the unit. For SFP transceivers, only channel 1 is applicable.	3	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmTransRxPower	Measured RX input power in Channel of transceiver -100000 value represents no power in the transceiver. -100001 indicates unavailable. -100002 indicates not-applicable.	4	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmTransRxPowerAlertThresholdMin	Min Alarm Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	5	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransAlertRxPowerLow	cmmTransRxPowerAlertThresholdMax	Max Alarm Threshold value of Rx Input Power per channel. -100000 value represents no power. -100001 indicates unavailable. -100002 indicates not-applicable.	6	INTEGER	
IPI-CMM-CHASSIS-MIB	cmmTransCriticalSnrHigh	cmmStackUnitIndex	The unique stack unit number.	0	INTEGER	