

DATACOM



DmOS MIB Reference

Version 9.2.0

Contacts

Technical Support

Datacom has available a support portal - DmSupport, to help the customers in use and config of our equipment.

Access to the DmSupport can be made through link: <https://supportcenter.datacom.com.br>

In this site the following are available: firmwares, technical datasheets, config guide, MIBs and manuals for download. In addition, it allows opening of calls for assistance with our technical team.

Telephone Number: **+55 51 3933-3122**

We would like to highlight that our assistance through telephone support is available from Monday through Friday from 08:00 AM through 05:30 PM.

Important: For support assistance 24x7, please request a quotation to our sales department.

General Information

For any other additional information, please visit the <https://www.datacom.com.br/en> or call:

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1 DATACOM-GENERIC-DEVICE-TRAPS-MIB

MIB file: DATACOM-GENERIC-DEVICE-TRAPS-MIB.mib

This MIB file has the following root objects:

- **datacomGenDvTrapsMIBModule**
 - **OID:** 1.3.6.1.4.1.3709.1.1.24
- **dmGenDvTrapsMIB**
 - **OID:** 1.3.6.1.4.1.3709.2.4
 - **Object identities:**
 - dmGenDvTrapsInf (1.3.6.1.4.1.3709.2.4.1)
- **mtGenDvInfInsertedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.1
 - **Description:** This trap is sent every time an remote device is inserted.
- **mtGenDvInfRemovedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.2
 - **Description:** This trap is sent every time an remote device is removed.
- **mtGenDvStSnmpManagementStatusTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.51
 - **Description:** This trap is sent every time the genDvtSnmpManagementStatus object changes its state.
- **mtGenDvStLatchedPossibleNewCfgTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.52
 - **Description:** This trap is sent every time the genDvtLatchedPossibleNewCfg object changes its state. Values: 1 none 2 possibleNewConfig
- **agFwRemDownTempMemTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.61
 - **Description:** This trap is sent every time the dmAgFwRemDownTempMem object changes its state.
- **agFwRemDownActionStTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.62
 - **Description:** This trap is sent every time the dmAgFwRemDownActionSt object changes its state.
- **mtGenDvInfNumPortsTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.100
 - **Description:** This trap indicates device39;s port state 2 - fail interface on slot. 3 - unknown interface on slot.

- **mtGenDvInfTempRangeTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.601
 - **Description:** This trap is sent every time the temperature is out of range. Values: 1 Temperature inside range 2 Temperature above limit 3 Temperature below limit 4 Shutdown temperature
- **mtGenDvInfFanFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.611
 - **Description:** This trap is sent every time Fan fails. Values: 1 Fan working properly 2 Fan failure
- **mtGenDvInfInsertedPortTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.701
 - **Description:** This trap is sent every time an interface is inserted in device.
- **mtGenDvInfRemovedPortTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.702
 - **Description:** This trap is sent every time an interface is removed from device.
- **mtGenDvInfPortConfigModeTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.809
 - **Description:** This trap is sent every time there is a change at the interface config mode object.
- **mtGenDvInfPowerStatusTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.901
 - **Description:** This trap is sent every time Power Status change.
- **smtGenDvStLinkStatusTribE1PpiExcSlipTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.13018
 - **Description:** This trap is sent every time the link STATUS object changes its value.
- **smtGenDvStLinkStatusDigitalItfExcSlipTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.13204
 - **Description:** This trap is sent every time the link STATUS object changes its value.
- **smtGenDvStLinkStatusDslExcSlipTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.13304
 - **Description:** This trap is sent every time the link STATUS object changes its value.
- **smtGenDvStPhSlotStFailFanFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16002

- **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailFanMismatchTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16007
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailPwrSuppFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16102
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailPwrRedundancyFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16103
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailPwrOverloadTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16104
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailFuseFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16105
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvEthernetOverloadTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16111
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailAggFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16122
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotOperStAggPrevMaintReqTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16126
 - **Description:** This trap is sent every time the local operational status object changes its value.
- **smtGenDvStPhSlotStFailTribFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.16132
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotPresenceTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17001

- **Description:** This trap is sent every time the local presence object changes its value. Values are 1 : CardRemoved
2: CardInserted
- **smtGenDvStCurrentDevCpuFWUpdateFailure**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17007
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtGenDvStCurrentDevCpuFWInvalidInactive**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17009
 - **Description:** This trap is sent every time the local presence object changes its value. Values: 1 Firmware
inactive valid 2 Firmware inactive invalid
- **smtGenDvStCurrentDevCpuFWImageTemporary**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17010
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtGenDvStCurrentDevCpuFWUpdateBeginning**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17011
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtGenDvStPhSlotStFailCpuFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17012
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtGenDvStPhSlotStFailCriticalTempTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17013
 - **Description:** This trap is sent every time the local status fail object changes its value.
- **smtsDhStCurrentDevCpuFWUpdateReady**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17015
 - **Description:** This trap is sent every time the local presence object changes its value.
- **smtsDhStCurrentDevFWVersionChanged**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17020
 - **Description:** Firmware version changed. Values: genDvTrapsInfObjIntegerVal 2 = FW Version Changed
- **smtGenDvStPhSlotStCardRemovedTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17022
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardMismatchTrap**

- **OID:** 1.3.6.1.4.1.3709.2.40.17023
- **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardDisabledTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17024
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStUnsupportedCardTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17025
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardConfigMismatch**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17026
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardFail**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17027
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardFwMismatch**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17028
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardCriticalTemp**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17029
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardHwConfigFail**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17030
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardHwProtected**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17031
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStPhSlotStCardVendorMismatch**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17032
 - **Description:** This trap is sent every time the local status object changes its value.
- **smtGenDvStLastChangeTmTrap**

- **OID:** 1.3.6.1.4.1.3709.2.40.17151
- **Description:** This trap is sent every time the local equipment time change its value (configuration).
- **smtGenDvStLastActivationTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17171
 - **Description:** This trap is sent every time the local up time of last configuration activated object changes its value.
- **smtGenDvStUserListChangedTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17172
 - **Description:** This trap is sent every time an remote device is removed.
- **smtGenDvStCpuActiveTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17191
 - **Description:** This trap is sent every time the cpu becomes active.
- **smtGenDvStCpuColdStartTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17192
 - **Description:** This trap is sent every time the cpu starts up after a power-off state.
- **smtGenDvStCpuWarmStartTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.17193
 - **Description:** This trap is sent every time the cpu starts up after a software reset.
- **smtGenDvInflInsertedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.20001
 - **Description:** This trap is sent every time an remote device is inserted.
- **smtGenDvInfRemovedDevTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.20002
 - **Description:** This trap is sent every time an remote device is removed.
- **sFPmismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.21003
 - **Description:** This trap is sent when an SFP is mismatched.
- **sFPvendorMismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.21007
 - **Description:** This trap is sent when a not approved sfp is inserted in the equipment.

- **configTemporaryAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.21101
 - **Description:** This trap is sent when a temporary config alarm changes its value.
- **edfaFailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22014
 - **Description:** This trap is sent when the EDFA alarm changes its value.
- **edfaLowInputPowerFailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22015
 - **Description:** This trap is sent when the EDFA-Low_{InputPower}alarmchangesitsvalue.
- **icad2Subdev1MismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22101
 - **Description:** This trap is sent when the Icad2-Subdev_{1Mismatch}alarmchangesitsvalue.
- **icad2Subdev2MismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22102
 - **Description:** This trap is sent when the Icad2-Subdev_{2Mismatch}alarmchangesitsvalue.
- **icad2Subdev1NotPresentAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22103
 - **Description:** This trap is sent when the Icad2-Subdev_{1NotPresent}alarmchangesitsvalue.
- **icad2Subdev2NotPresentAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22104
 - **Description:** This trap is sent when the Icad2-Subdev_{2NotPresent}alarmchangesitsvalue.
- **icad2Subdev1FailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22105
 - **Description:** This trap is sent when the Icad2-Subdev_{1Failure}alarmchangesitsvalue.
- **icad2Subdev2FailureAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.22106
 - **Description:** This trap is sent when the Icad2-Subdev_{2Failure}alarmchangesitsvalue.
- **smtGenDvStLostComWithItfTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30000
 - **Description:** This trap is sent every time the communication with interface module is lost.

- **smtGenDvStLoSTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30001
 - **Description:** This trap is sent every time a loss of signal is detected.
- **smtGenDvStAiSTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30002
 - **Description:** This trap is sent every time an alarm indication signal is raised.
- **smtGenDvStLofTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30003
 - **Description:** This trap is sent every time a loss of frame alignment is detected.
- **smtGenDvStRalmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30004
 - **Description:** This trap is sent every time a remote alarm is raised.
- **smtGenDvStMfaTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30005
 - **Description:** This trap is sent every time a no multiframe alignment found alarm is raised.
- **smtGenDvStLomTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30006
 - **Description:** This trap is sent every time a loss of multiframe alignment alarm is raised.
- **smtGenDvStCpuLoadThresholdTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30007
 - **Description:** This trap is sent every time a cpuload threshold is reached.
- **smtGenDvStDiskUseThresholdTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30008
 - **Description:** This trap is sent every time a disk usage threshold is reached.
- **smtGenDvStMemoryUseThresholdTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30009
 - **Description:** This trap is sent every time a memory use threshold is reached.
- **stMacSpoofingTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.30010

- **Description:** This trap is sent when it is detected that the user over this port sent traffic containing source MAC address already in use by another user port, potentially a malicious use of the line
- **tLoginFailTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40001
 - **Description:** This trap is sent when an user try logging with a incorrect username or password.
- **tLoginSucessTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40002
 - **Description:** This trap is sent when an user get logging.
- **tTxFaultTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40003
 - **Description:** This trap is sent every time a TX fault is detected.
- **cpuFWMismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40004
 - **Description:** This trap is sent when the current MPU FW is not the selected firmware.
- **cardFWMismatchAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40005
 - **Description:** This trap is sent when the card FW is not the same as the active MPU.
- **fwLoadByTftpAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40006
 - **Description:** This trap is sent when line card loaded firmware from tftp instead of flash.
- **trapLicenseWillExpire**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40007
 - **Description:** This trap is sent when the expiration of a license will occur in less than XXX hours.
- **trapLicenseExpired**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40008
 - **Description:** This trap is sent when a license is expired.
- **uBootUpdateAvailAlarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.2.40.40009
 - **Description:** This trap is sent when U-boot must be updated.
- **swNonHomologSfpTrap**

- **OID:** 1.3.6.1.4.1.3709.2.40.40010
- **Description:** This trap is sent when a non-homologated SFP is placed.

1.1 genDvTrapsInfMibVersion

OID: 1.3.6.1.4.1.3709.2.4.1.1

Description: The genDvTraps MIB version supported by this agent software version.

Syntax: DisplayString

Access: read-only

Status: mandatory

1.1.1 genDvTrapsInfLastTrDevNo

OID: 1.3.6.1.4.1.3709.2.4.1.11

Description: Device number of the last trap.

Syntax: DmDevIndex

Access: read-only

Status: mandatory

1.1.2 genDvTrapsInfLastTrDevLocalId

OID: 1.3.6.1.4.1.3709.2.4.1.12

Description: Device local of the last trap.

Syntax: DmDevLocalIndex

Access: read-only

Status: mandatory

1.1.3 genDvTrapsInfLastTrSlotNo

OID: 1.3.6.1.4.1.3709.2.4.1.13

Description: Slot number of the last trap.

Syntax: DmSlotIndex

Access: read-only

Status: mandatory

1.1.4 genDvTrapsInfLastTrPortNo

OID: 1.3.6.1.4.1.3709.2.4.1.14

Description: Port number of the last trap.

Syntax: DmPortIndex

Access: read-only

Status: mandatory

1.1.5 genDvTrapsInfLastTrValue

OID: 1.3.6.1.4.1.3709.2.4.1.15

Description: New value of the object that changed.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.6 genDvTrapsInfLastTrType

OID: 1.3.6.1.4.1.3709.2.4.1.16

Description: Type of the last trap.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.7 genDvTrapsInfLastTrTimeStamp

OID: 1.3.6.1.4.1.3709.2.4.1.17

Description: Time stamp of the last trap.

Syntax: TimeTicks

Access: read-only

Status: mandatory

1.1.8 genDvTrapsInfLastTrDeviceProduct

OID: 1.3.6.1.4.1.3709.2.4.1.18

Description: The device product of the last trap.

Syntax: OBJECT IDENTIFIER

Access: read-only

Status: mandatory

1.1.9 genDvTrapsInfLastTrAlarmId

OID: 1.3.6.1.4.1.3709.2.4.1.19

Description: Alarm number of the last trap.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.10 genDvTrapsInfLastTrAlarmVal

OID: 1.3.6.1.4.1.3709.2.4.1.20

Description: Alarm value of the last trap.

Syntax: INTEGER

Syntax details: (Enumeration) 'deactivated': 1, 'activated': 2, 'unstable': 3

Access: read-only

Status: mandatory

1.1.11 genDvTrapsInfLastTrUserName

OID: 1.3.6.1.4.1.3709.2.4.1.21

Description: User name of the last trap.

Syntax: DisplayString

Access: read-only

Status: mandatory

1.1.12 genDvTrapsInfLastTrAlarmSeverityVal

OID: 1.3.6.1.4.1.3709.2.4.1.22

Description: Severity value of a trap.

Syntax: INTEGER

Syntax details: (Enumeration) 'info': 1, 'warning': 2, 'minor': 3, 'major': 4, 'critical': 5

Access: read-only

Status: mandatory

1.1.13 genDvTrapsInfLastTrChannel

OID: 1.3.6.1.4.1.3709.2.4.1.23

Description: Channel of the last trap.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.14 genDvTrapLicenseSN

OID: 1.3.6.1.4.1.3709.2.4.1.24

Description: The license with serial number.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.15 genDvTrapLicenseExpire

OID: 1.3.6.1.4.1.3709.2.4.1.25

Description: Time to expire a License.

Syntax: INTEGER

Access: read-only

Status: mandatory

1.1.16 genDvTrapsInfLastTrValueVlan

OID: 1.3.6.1.4.1.3709.2.4.1.26

Description: Vlan's number.

Syntax: INTEGER

Syntax details: (Range) 1 - 4096

Access: read-only

Status: mandatory

1.1.17 genDvTrapsInfLastTrStringMac

OID: 1.3.6.1.4.1.3709.2.4.1.27

Description: String containing MAC address (format xx:xx:xx:xx:xx:xx).

Syntax: OCTET STRING

Access: read-only

Status: mandatory

1.1.18 genDvTrapsInfTable

OID: 1.3.6.1.4.1.3709.2.4.1.100

Description: Table with general trap information about the equipment managed by this MIB.

Syntax: SEQUENCE OF genDvTrapsInfEntry (OID: 1.3.6.1.4.1.3709.2.4.1.100.1)

Access: not-accessible

Status: mandatory

genDvTrapsInfIdxNo

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.1

Description: Index number.

Syntax: DmTrapIndex

Access: read-only

Status: mandatory

genDvTrapsInfObjectOid

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.2

Description: OID (Object Identifier) number.

Syntax: OBJECT IDENTIFIER

Access: read-only

Status: mandatory

genDvTrapsInfObjIntegerVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.3

Description: Object value (Integer).

Syntax: INTEGER

Access: read-only

Status: mandatory

genDvTrapsInfObjTmTicksVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.4

Description: Object value (TimeTicks).

Syntax: TimeTicks

Access: read-only

Status: mandatory

genDvTrapsInfObjStringVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.5

Description: Object value (Octet String).

Syntax: OCTET STRING

Access: read-only

Status: mandatory

genDvTrapsInfObjCounterVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.6

Description: Object value (Counter).

Syntax: Counter32

Access: read-only

Status: mandatory

genDvTrapsInfObjGaugeVal

OID: 1.3.6.1.4.1.3709.2.4.1.100.1.7

Description: Object value (Gauge).

Syntax: Gauge32

Access: read-only

Status: mandatory

2 DATACOM-GPON-TRAPS-MIB

MIB file: DATACOM-GPON-TRAPS-MIB.mib

This MIB file has the following root objects:

- **datacomGponTrapsMIBModule**
 - **OID:** 1.3.6.1.4.1.3709.1.1.5
 - **Description:** The MIB module for DATACOM GPON traps.
- **dmAdGponTrapsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.5.200
 - **Object identities:**
 - dmAdGponTrapsInf (1.3.6.1.4.1.3709.3.5.200.1)
 - dmAdGponTraps (1.3.6.1.4.1.3709.3.5.200.2)

2.1 dmAdGponTrapsInfLastTrapOnuID

OID: 1.3.6.1.4.1.3709.3.5.200.1.1

Description: ONU ID of the last trap.

Syntax: INTEGER

Access: read-only

Status: current

2.2 dmAdGponTrapsInfLastTrapSwdlInfo

OID: 1.3.6.1.4.1.3709.3.5.200.1.2

Description: ONU SWDL progress status.

Syntax: INTEGER

Syntax details: (Enumeration) 'started': 21, 'aborted': 22, 'successful': 23, 'error': 24, 'invalid': 25

Access: read-only

Status: current

2.3 dmAdGponTrapsInfLastTrapOnuSN

OID: 1.3.6.1.4.1.3709.3.5.200.1.3

Description: ONU Serial Number.

Syntax: OCTET STRING

Access: read-only

Status: current

2.4 gPonLOSiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50001

Description: Loss of signal for ONU.

Status: current

2.5 gPonLOFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50002

Description: Loss of Frame of ONU.

Status: current

2.6 gPonDOWiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50003

Description: Drift of Window of ONU.

Status: current

2.7 gPonSFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50004

Description: Signal Fail of ONU.

Status: current

2.8 gPonSDiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50005

Description: Signal degrade of ONU.

Status: current

2.9 gPonLCDGiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50006

Description: Loss of GEM channel delineation.

Status: current

2.10 gPonRDiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50007

Description: Remote defect indication of ONU.

Status: current

2.11 gPonTFAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50008

Description: Transmitter failure on PON link.

Status: current

2.12 gPonSUFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50009

Description: Start-up Failure of ONU.

Status: current

2.13 gPonDFiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50010

Description: ONU does not react correctly after three Deactivate_ONU-ID or three Disable_Serial_Number messages.

Status: current

2.14 gPonLOAiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50011

Description: Loss of Ack with ONU.

Status: current

2.15 gPonDGiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50012

Description: Receive Dying Gasp of ONU.

Status: current

2.16 gPonLOAMiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50013

Description: Loss of PLOAM for ONU.

Status: current

2.17 gPonMISiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50014

Description: Link Mismatch of ONU.

Status: current

2.18 gPonPEEiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50015

Description: Physical Equipment error of ONU.

Status: current

2.19 gPonOnuEquipmentFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50016

Description: ONU Equipment failure.

Status: current

2.20 gPonOnuPowerFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50017

Description: ONU Power failure.

Status: current

2.21 gPonOnuBatteryMissingAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50018

Description: ONU Battery missing.

Status: current

2.22 gPonOnuBatteryFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50019

Description: ONU Battery failure.

Status: current

2.23 gPonOnuBatteryLowAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50020

Description: ONU Battery low.

Status: current

2.24 gPonOnuPhysicalIntrusionAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50021

Description: ONU Physical intrusion.

Status: current

2.25 gPonOnuSelfTestFailureAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50022

Description: ONU Self testing failure.

Status: current

2.26 gPonOnuVoltageRedAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50023

Description: ONU Voltage red.

Status: current

2.27 gPonOnuDiscoveredEvent

OID: 1.3.6.1.4.1.3709.3.5.200.2.50024

Description: ONU discovered on PON link.

Status: current

2.28 gPonOnuPasswordMismatchAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50025

Description: ONU password mismatch.

Status: current

2.29 gPonOnuSwdlInProgressEvent

OID: 1.3.6.1.4.1.3709.3.5.200.2.50026

Description: ONU Software download in progress.

Status: current

2.30 gPonLOBiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50027

Description: ONU Loss of burst (XGS).

Status: current

2.31 gPonLOPCiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50028

Description: Loss of PLOAM for ONU (XGS).

Status: current

2.32 gPonLOOCiAlarm

OID: 1.3.6.1.4.1.3709.3.5.200.2.50029

Description: Loss of OMCC channel (XGS).

Status: current

3 DATACOM-SMI

MIB file: DATACOM-SMI.mib

This MIB file has the following root objects:

- **datacom**
 - **OID:** 1.3.6.1.4.1.3709
 - **Object identities:**
 - datacomRegistrations (1.3.6.1.4.1.3709.1)
 - datacomGenericMIBs (1.3.6.1.4.1.3709.2)
 - datacomProductsMIBs (1.3.6.1.4.1.3709.3)
 - datacomExperimental (1.3.6.1.4.1.3709.4)

4 DMOS-AUTHENTICATION-NOTIFICATIONS-MIB

MIB file: DMOS-AUTHENTICATION-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosAuthenticationNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.7
 - **Description:** DmOS MIB module for authentication notifications.
 - **Object identities:**
 - dmosAuthenticationNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.7.1)

4.1 loginFail

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.2

Description: Login failure trap.

Status: current

4.2 loginSuccess

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.3

Description: Login success trap.

Status: current

5 DMOS-BGP4-MIB

MIB file: DMOS-BGP4-MIB.mib

This MIB file has the following root objects:

- **dmosBgpCountersMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.13
 - **Description:** The DmOS MIB module for the BGP-4 protocol.

5.1 bgpPrefixCountersTable

OID: 1.3.6.1.4.1.3709.3.6.13.1

Description: BGP prefix counter table. This table contains the prefix counters for each peer.

Syntax: SEQUENCE OF bgpPrefixCountersEntry (OID: 1.3.6.1.4.1.3709.3.6.13.1.1)

Access: not-accessible

Status: current

5.1.1 bgpPrefixCountersRemoteAddressType

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.1

Description: The type of the remote address.

Syntax: InetAddressType

Access: not-accessible

Status: current

5.1.2 bgpPrefixCountersRemoteAddress

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.2

Description: The peer IP address.

Syntax: InetAddress

Access: not-accessible

Status: current

5.1.3 bgpPrefixCountersFamilyAfi

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.3

Description: The Address Family Identifier.

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'ipv4': 1, 'ipv6': 2, 'ipv4z': 3, 'ipv6z': 4, 'dns': 16

Access: not-accessible

Status: current

5.1.4 bgpPrefixCountersFamilySafi

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.4

Description: The Subsequent Address Family Identifiers.

Syntax: BgpSafi

Access: not-accessible

Status: current

5.1.5 bgpPrefixCountersInPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.5

Description: The number of prefixes received from a peer and are stored in the Adj-Ribs-In for that peer.

Syntax: Gauge32

Access: read-only

Status: current

5.1.6 bgpPrefixCountersInAcceptedPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.6

Description: The number of prefixes for a peer that are installed in the Adj-Ribs-In and are eligible to become active in the Loc-Rib.

Syntax: Gauge32

Access: read-only

Status: current

5.1.7 bgpPrefixCountersInRejectedPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.7

Description: The number of prefixes for a peer that are installed in the Adj-Ribs-In and are NOT eligible to become active in the Loc-Rib.

Syntax: Gauge32

Access: read-only

Status: current

5.1.8 bgpPrefixCountersOutPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.8

Description: The number of prefixes for a peer that are installed in that peer's Adj-Ribs-Out.

Syntax: Gauge32

Access: read-only

Status: current

5.1.9 bgpPrefixCountersOutAdvertisedPrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.9

Description: The number of advertised prefixes currently associated with the peer.

Syntax: Gauge32

Access: read-only

Status: current

5.1.10 bgpPrefixCountersInActivePrefixes

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.10

Description: The number of prefixes for a peer that are installed in the Adj-RIB-In and are marked as 'active' in the Loc-Rib.

Syntax: Gauge32

Access: read-only

Status: current

5.1.11 bgpPrefixCountersInPrefixesDeniedByPol

OID: 1.3.6.1.4.1.3709.3.6.13.1.1.11

Description: The number of times a received prefix has been denied, and therefore not installed in the Adj-RIB-In, because of local filter policy.

Syntax: Gauge32

Access: read-only

Status: current

6 DMOS-CARDMGR-NOTIFICATIONS-MIB

MIB file: DMOS-CARDMGR-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosCardmgrNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.3
 - **Description:** DmOS notifications related to card manager events.
 - **Object identities:**
 - dmosCardmgrNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.3.1)

6.1 dmosCardmgrAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.1.1

Description: Traps generated by card manager alarms.

Status: current

6.2 cardNotProvisionedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.2

Description: Card not provisioned alarm trap.

Status: current

6.3 cardNotPresentAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.3

Description: Card not present alarm trap.

Status: current

6.4 cardRemovedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.4

Description: Card removed alarm trap.

Status: current

6.5 cardMismatchAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.5

Description: Card mismatch alarm trap.

Status: current

6.6 cardInsertedTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.6

Description: Card inserted trap.

Status: current

6.7 cardRemovedTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.7

Description: Card removed trap.

Status: current

6.8 fanModuleNotPresentAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.8

Description: Fan module not present alarm trap.

Status: current

6.9 cardUpdatedTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.9

Description: Card updated trap.

Status: current

6.10 psuUnsupportedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.10

Description: PSU not supported in this product.

Status: current

6.11 cardUninitializedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.3.11

Description: Card could not be correctly initialized.

Status: current

7 DMOS-CFM-MIB

MIB file: DMOS-CFM-MIB.mib

This MIB file has the following root objects:

- **dmosCfmMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.14
 - **Description:** The DmOS MIB module for the CFM protocol
 - **Object identities:**
 - cfmDelayMeasurement (1.3.6.1.4.1.3709.3.6.14.1)

7.1 cfmDelayMeasurementProbeTable

OID: 1.3.6.1.4.1.3709.3.6.14.1.1

Description: Display CFM Delay Measurement Probes List

Syntax: SEQUENCE OF cfmDelayMeasurementProbeEntry (OID: 1.3.6.1.4.1.3709.3.6.14.1.1.1)

Access: not-accessible

Status: current

7.1.1 cfmDelayMeasurementProbeId

OID: 1.3.6.1.4.1.3709.3.6.14.1.1.1.1

Syntax: UnsignedShort

Access: read-only

Status: current

7.2 cfmDelayMeasurementProbeSessionTable

OID: 1.3.6.1.4.1.3709.3.6.14.1.2

Description: Display CFM Delay Measurement Sessions

Syntax: SEQUENCE OF cfmDelayMeasurementProbeSessionEntry (OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1)

Access: not-accessible

Status: current

7.2.1 cfmDelayMeasurementProbeSessionId

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.1

Syntax: UnsignedShort

Access: read-only

Status: current

7.2.2 cfmDelayMeasurementProbeSessionPcp

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.2

Description: Display data of a session with a specific PCP

Syntax: Integer32

Access: read-only

Status: current

7.2.3 cfmDelayMeasurementProbeSessionLastAvgDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.3

Syntax: Integer32

Access: read-only

Status: current

7.2.4 cfmDelayMeasurementProbeSessionLastMinDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.4

Syntax: Integer32

Access: read-only

Status: current

7.2.5 cfmDelayMeasurementProbeSessionLastMaxDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.5

Syntax: Integer32

Access: read-only

Status: current

7.2.6 cfmDelayMeasurementProbeSessionLastAvgJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.6

Syntax: Integer32

Access: read-only

Status: current

7.2.7 cfmDelayMeasurementProbeSessionLastMinJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.7

Syntax: Integer32

Access: read-only

Status: current

7.2.8 cfmDelayMeasurementProbeSessionLastMaxJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.8

Syntax: Integer32

Access: read-only

Status: current

7.2.9 cfmDelayMeasurementProbeSessionLastLossRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.9

Syntax: Integer32

Access: read-only

Status: current

7.2.10 cfmDelayMeasurementProbeSessionLastPcpMismatchRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.10

Syntax: Integer32

Access: read-only

Status: current

7.2.11 cfmDelayMeasurementProbeSessionAllAvgDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.11

Syntax: Integer32

Access: read-only

Status: current

7.2.12 cfmDelayMeasurementProbeSessionAllMinDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.12

Syntax: Integer32

Access: read-only

Status: current

7.2.13 cfmDelayMeasurementProbeSessionAllMaxDelay

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.13

Syntax: Integer32

Access: read-only

Status: current

7.2.14 cfmDelayMeasurementProbeSessionAllAvgJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.14

Syntax: Integer32

Access: read-only

Status: current

7.2.15 cfmDelayMeasurementProbeSessionAllMinJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.15

Syntax: Integer32

Access: read-only

Status: current

7.2.16 cfmDelayMeasurementProbeSessionAllMaxJitter

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.16

Syntax: Integer32

Access: read-only

Status: current

7.2.17 cfmDelayMeasurementProbeSessionAllLossRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.17

Syntax: Integer32

Access: read-only

Status: current

7.2.18 cfmDelayMeasurementProbeSessionAllPcpMismatchRatio

OID: 1.3.6.1.4.1.3709.3.6.14.1.2.1.18

Syntax: Integer32

Access: read-only

Status: current

8 DMOS-CONFIG-NOTIFICATIONS-MIB

MIB file: DMOS-CONFIG-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosConfigNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.8
 - **Description:** DmOS MIB module for configuration notifications.
 - **Object identities:**
 - dmosConfigNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.8.1)

8.1 configCommit

OID: 1.3.6.1.4.1.3709.3.6.3.3.8.2

Description: Configuration commit trap.

Status: current

9 DMOS-CPU-NOTIFICATIONS-MIB

MIB file: DMOS-CPU-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosCpuNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.0
 - **Description:** The CPU notifications designed to be used by notification manager
 - **Object identities:**
 - dmosCpuNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.0.1)
 - dmosCpuNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.0.2)

9.1 dmosCpuNotificationThreshold

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.1

Description: CPU alarm threshold percentage.

Syntax: UnsignedPercent

Access: accessible-for-notify

Status: current

9.2 dmosCpuNotificationInterval

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.2

Description: Time interval that generated the alarm value.

Syntax: Gauge32

Access: accessible-for-notify

Status: current

9.3 dmosCpuNotificationValue

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.3

Description: CPU load value that generated the alarm.

Syntax: UnsignedPercent

Access: accessible-for-notify

Status: current

9.4 dmosCpuNotificationCoreId

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.1.4

Description: Identifier of CPU core that generated the alarm

Syntax: Gauge32

Access: accessible-for-notify

Status: current

9.5 dmosCpuAlarmInfoGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.2.1

Description: A set of objects that provides more information about CPU alarms.

Status: current

9.6 dmosCpuAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.2.2

Description: Traps generated by CPU alarms.

Status: current

9.7 cpuLoadHighTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.3

Description: Alarm trap for high CPU load.

Status: current

9.8 cpuCoreHighTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.0.4

Description: Alarm trap for high CPU core load.

Status: current

10 DMOS-EAPS

MIB file: DMOS-EAPS.mib

This MIB file has the following root objects:

- **dmosEapsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.17
 - **Description:** This module contains the YANG definitions for EAPS protocol.

10.1 eapsStateTable

OID: 1.3.6.1.4.1.3709.3.6.17.1

Description: This table holds all EAPS domain entries with status and current config information.

Syntax: SEQUENCE OF eapsStateEntry (OID: 1.3.6.1.4.1.3709.3.6.17.1.1)

Access: not-accessible

Status: current

10.1.1 eapsDomainID

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.1

Description: EAPS configured domain.

Syntax: UnsignedByte

Syntax details: (Range) 0 - 63

Access: read-only

Status: current

10.1.2 eapsDomainName

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.2

Description: Current text name configured for EAPS domain. If not configured, this OID will return 'No such instance currently exists at this OID'.

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

10.1.3 eapsDomainState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.3

Description: The current state of the EAPS domain. The possible states are Idle, Init, Complete, Failed, Pre Forwarding, Links Up and Link Down.

Syntax: INTEGER

Syntax details: (Enumeration) 'idle': 0, 'init': 1, 'complete': 2, 'failed': 3, 'pre-forwarding': 4, 'links-up': 5, 'link-down': 6

Access: read-only

Status: current

10.1.4 eapsDomainMode

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.4

Description: Domain mode current configuration. A ring is allowed to have a single Master(0) node and multiple Transit(1) nodes.

Syntax: Node_mode

Access: read-only

Status: current

10.1.5 eapsDomainPrimaryPortState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.5

Description: The state of the domain primary port, where Up and Down refer to port link status and Enable and Blocked refer to the port traffic block state.

Syntax: Port_state

Access: read-only

Status: current

10.1.6 eapsDomainSecondaryPortState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.6

Description: The state of the domain secondary port, where Up and Down refer to port link status and Enable and Blocked refer to the port traffic block state.

Syntax: Port_state

Access: read-only

Status: current

10.1.7 eapsDomainHealthCheckState

OID: 1.3.6.1.4.1.3709.3.6.17.1.1.7

Description: Holds the health check state of the domain, wich can be OK or Failed. It'll return 'No such instance currently exists at this OID' until it assumes Ok or Failed state

Syntax: INTEGER

Syntax details: (Enumeration) 'ok': 0, 'failed': 1

Access: read-only

Status: current

10.2 eapsConfigTable

OID: 1.3.6.1.4.1.3709.3.6.17.2

Description: Table that holds all entries for reading current configuration of EAPS domains.

Syntax: SEQUENCE OF eapsConfigEntry (OID: 1.3.6.1.4.1.3709.3.6.17.2.1)

Access: not-accessible

Status: current

10.2.1 eapsCfgDomainID

OID: 1.3.6.1.4.1.3709.3.6.17.2.1.1

Description: EAPS configured domain.

Syntax: UnsignedByte

Syntax details: (Range) 0 - 63

Access: read-only

Status: current

10.2.2 eapsCfgDomainPrimaryPort

OID: 1.3.6.1.4.1.3709.3.6.17.2.1.2

Description: The primary port configured in the domain.

Syntax: String

Access: read-only

Status: current

10.2.3 eapsCfgDomainSecondaryPort

OID: 1.3.6.1.4.1.3709.3.6.17.2.1.3

Description: The secondary port configured in the domain.

Syntax: String

Access: read-only

Status: current

11 DMOS-ERPS-MIB

MIB file: DMOS-ERPS-MIB.mib

This MIB file has the following root objects:

- **dmosErpsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.16
 - **Description:** This module contains the YANG definitions for ERPS protocol status.

11.1 erpsStateTable

OID: 1.3.6.1.4.1.3709.3.6.16.1

Description: Display ERPS rings information.

Syntax: SEQUENCE OF erpsStateEntry (OID: 1.3.6.1.4.1.3709.3.6.16.1.1)

Access: not-accessible

Status: current

11.1.1 erpsRingId

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.1

Description: The ERPS ring identifier

Syntax: Integer32

Syntax details: (Range) 1 - 239

Access: read-only

Status: current

11.1.2 erpsRingControlVlan

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.2

Description: The VLAN ID used for ERPS control packets, in this ring instance.

Syntax: Unsigned32

Syntax details: (Range) 1 - 4094

Access: read-only

Status: current

11.1.3 erpsRingName

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.3

Description: The textual name for this ERPS ring instance, according to the network manager's choice

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

11.1.4 erpsRingType

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.4

Description: Ring Type of this instance. Possible types are Major-ring and Sub-ring.

Syntax: INTEGER

Syntax details: (Enumeration) 'major-ring': 0, 'sub-ring': 1

Access: read-only

Status: current

11.1.5 erpsRingParentRing

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.5

Description: The parent-ring name for this ring instance. This information is available only when ring-type parameter is set to sub-ring. In major-rings it'll return 'No such instance currently exists at this OID'.

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

11.1.6 erpsRingState

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.6

Description: The current state of the ring instance. The possible states are Init(0), Idle(1), Protection(2), ManualSwitch(3), ForcedSwitch(4), Pending(5) and Unknown(6).

Syntax: Erps_ring_status

Access: read-only

Status: current

11.1.7 erpsRingPort0

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.7

Description: The first ring instance's port.

Syntax: String

Access: read-only

Status: current

11.1.8 erpsRingPort0RplRole

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.8

Description: The RPL role of the first ring instance's port. Possible values are none, owner and neighbor.

Syntax: INTEGER

Syntax details: (Enumeration) 'none': 0, 'owner': 1, 'neighbor': 2

Access: read-only

Status: current

11.1.9 erpsRingPort0LocalFailure

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.9

Description: Inform if the first port has a local failure. Possible values are Yes(0) and No(1).

Syntax: Erps_yes_or_no

Access: read-only

Status: current

11.1.10 erpsRingPort0State

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.10

Description: The state of the first port. Possible values are Unknown(0), Forward(1), Blocked(2), Data-Blocked(3) and Control-Channel-Blocked(4).

Syntax: Erps_port_state

Access: read-only

Status: current

11.1.11 erpsRingPort1

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.11

Description: The second ring instance's port.

Syntax: String

Access: read-only

Status: current

11.1.12 erpsRingPort1RplRole

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.12

Description: The RPL role of the second ring instance's port. Possible values are owner, neighbor, and none. It'll return 'No such instance currently exists at this OID' on sub-rings interconnection nodes with virtual-channel configuration.

Syntax: INTEGER

Syntax details: (Enumeration) 'none': 0, 'owner': 1, 'neighbor': 2

Access: read-only

Status: current

11.1.13 erpsRingPort1LocalFailure

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.13

Description: Inform if the second port has a local failure. Possible values are Yes(0) and No(1). It'll return 'No such instance currently exists at this OID' on sub-rings interconnection nodes with virtual-channel configuration.

Syntax: Erps_yes_or_no

Access: read-only

Status: current

11.1.14 erpsRingPort1State

OID: 1.3.6.1.4.1.3709.3.6.16.1.1.14

Description: The state of the second port. Possible values are Unknown(0), Forward(1), Blocked(2), Data-Blocked(3) and Control-Channel-Blocked(4). It'll return 'No such instance currently exists at this OID' on sub-rings interconnection nodes with virtual-channel configuration.

Syntax: Erps_port_state

Access: read-only

Status: current

12 DMOS-EXPERIMENTAL-NOTIFICATIONS-MIB

MIB file: DMOS-EXPERIMENTAL-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **experimentalDmosNotifications**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.4294967294
- **dmosExperimentalNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.4294967294
 - **Description:** This module contains experimental DmOS notifications and related objects for internal use and can change without notice
 - **Object identities:**
 - experimentalNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.4294967294.1)
 - experimentalCustomNotifications (1.3.6.1.4.1.3709.3.6.3.3.4294967294.2)

13 DMOS-EXPERIMENTAL-TEST-NOTIFICATIONS-MIB

MIB file: DMOS-EXPERIMENTAL-TEST-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **alarmTrap**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.1
 - **Description:** Example trap.
- **dmosExperimentalTestNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2
 - **Description:** The notifications designed to be used in the tests of the notification manager
- **notificationTrap**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.2.1
 - **Description:** A trap without binds.
- **eventTrap**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.4294967294.2.2
 - **Description:** A test trap.

13.1 testParamUint32

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.1

Description: An unsigned 32-bit integer for testing.

Syntax: Gauge32

Access: read-only

Status: current

13.2 testParamInt32

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.2

Description: A signed 32-bit integer for testing.

Syntax: Integer32

Access: read-only

Status: current

13.3 testParamStr

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.3

Description: A string for testing.

Syntax: DisplayString

Access: read-only

Status: current

13.4 testParamFloat

OID: 1.3.6.1.4.1.3709.3.6.3.4294967294.1.2.4

Description: A signed 32-bit integer for testing.

Syntax: FixedPoint2Dec

Access: read-only

Status: current

14 DMOS-GPON-NOTIFICATIONS-MIB

MIB file: DMOS-GPON-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosGponNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.4
 - **Description:** DmOS notifications related to GPON events.
 - **Object identities:**
 - dmosGponNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.4.1)

14.1 dmosGponAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.4.1.1

Description: Traps generated by GPON alarms.

Status: current

14.2 gPonOnuAutoProvAddFailTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.4.2

Description: Failure adding ONU during auto provisioning on PON link.

Status: current

15 DMOS-HW-MONITOR-MIB

MIB file: DMOS-HW-MONITOR-MIB.mib

This MIB file has the following root objects:

- **dmosHwMonitorMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.6
 - **Description:** This module contains DmOS thermal information and status monitoring objects.
 - **Object identities:**
 - environment (1.3.6.1.4.1.3709.3.6.6.1)

15.1 environmentChassisTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.1

Description: List of chassis for which thermal management information is available

Syntax: SEQUENCE OF environmentChassisEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.1.1)

Access: not-accessible

Status: current

15.1.1 environmentChassisId

OID: 1.3.6.1.4.1.3709.3.6.6.1.1.1.1

Description: Chassis identifier

Syntax: Unsigned32

Access: read-only

Status: current

15.2 environmentSlotTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.2

Description: List of slots for which thermal management information is available

Syntax: SEQUENCE OF environmentSlotEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.2.1)

Access: not-accessible

Status: current

15.2.1 environmentSlotId

OID: 1.3.6.1.4.1.3709.3.6.6.1.2.1.1

Description: Slot identifier

Syntax: DisplayString

Access: read-only

Status: current

15.3 temperatureSensorTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.3

Description: List of temperature sensors present on a given slot and chassis

Syntax: SEQUENCE OF temperatureSensorEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1)

Access: not-accessible

Status: current

15.3.1 temperatureSensorId

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.1

Description: Temperature sensor identifier

Syntax: DisplayString

Access: not-accessible

Status: current

15.3.2 temperatureSensorDescription

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.2

Description: Temperature sensor description

Syntax: DisplayString

Access: read-only

Status: current

15.3.3 temperatureSensorMaxTemperature

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.3

Description: High temperature alarm threshold

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.4 temperatureSensorMinTemperature

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.4

Description: Low temperature alarm threshold

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.5 temperatureSensorHysteresis

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.5

Description: Hysteresis value for both high and low temperature alarms

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.6 temperatureSensorCurrentTemperature

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.6

Description: Current temperature value being read by the sensor

Syntax: EnvironmentSensorTemperature

Access: read-only

Status: current

15.3.7 temperatureSensorTemperatureReadError

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.7

Description: Indicates if an error occurred while trying to read from the sensor

Syntax: TruthValue

Access: read-only

Status: current

15.3.8 temperatureSensorTemperatureStatus

OID: 1.3.6.1.4.1.3709.3.6.6.1.3.1.8

Description: Temperature status based on minimum and maximum thresholds

Syntax: EnvironmentSensorStatus

Access: read-only

Status: current

15.4 fanTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.4

Description: List of individual fans manageable on a given fan module/slot

Syntax: SEQUENCE OF fanEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1)

Access: not-accessible

Status: current

15.4.1 fanId

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.1

Description: Fan identifier

Syntax: DisplayString

Access: not-accessible

Status: current

15.4.2 fanDescription

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.2

Description: Fan description

Syntax: DisplayString

Access: read-only

Status: current

15.4.3 fanSpeed

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.4

Description: Current speed of the fan

Syntax: Unsigned32

Access: read-only

Status: current

15.4.4 fanSpeedReadError

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.5

Description: Indicates if an error occurred while trying to read from the sensor

Syntax: TruthValue

Access: read-only

Status: current

15.4.5 fanSpeedStatus

OID: 1.3.6.1.4.1.3709.3.6.6.1.4.1.6

Description: Indicates the current state of the fan based on its speed

Syntax: EnvironmentSensorStatus

Access: read-only

Status: current

15.5 psuTable

OID: 1.3.6.1.4.1.3709.3.6.6.1.5

Description: List of Power Supply Units

Syntax: SEQUENCE OF psuEntry (OID: 1.3.6.1.4.1.3709.3.6.6.1.5.1)

Access: not-accessible

Status: current

15.5.1 psuld

OID: 1.3.6.1.4.1.3709.3.6.6.1.5.1.1

Description: Power Supply Unit identifier

Syntax: DisplayString

Access: not-accessible

Status: current

15.5.2 psuStatus

OID: 1.3.6.1.4.1.3709.3.6.6.1.5.1.2

Description: Indicates the current state of the PSU

Syntax: INTEGER

Syntax details: (Enumeration) 'ok': 0, 'powerInputFailure': 1, 'fuseFailure': 2, 'error': 3

Access: read-only

Status: current

16 DMOS-HW-MONITOR-NOTIFICATIONS-MIB

MIB file: DMOS-HW-MONITOR-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosHwMonNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.2
 - **Description:** This MIB file contains the definition of DmOS notifications related to the hardware monitoring.
 - **Object identities:**
 - dmosHwMonNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.2.1)
 - dmosHwMonNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.2.2)

16.1 dmosHwMonValue

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.1.1

Description: Current value that triggered the notification.

Syntax: Integer32

Access: accessible-for-notify

Status: current

16.2 dmosHwMonLimitValue

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.1.2

Description: Current limit that was overflow and that triggered the notification.

Syntax: Integer32

Access: accessible-for-notify

Status: current

16.3 dmosHwMonAlarmInfoGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.1

Description: A set of objects that provides more information about hardware monitoring alarms.

Status: current

16.4 dmosFanAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.2

Description: Traps generated by fan alarms.

Status: current

16.5 dmosTempAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.3

Description: Traps generated by temperature alarms.

Status: current

16.6 dmosPsuAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.2.4

Description: Traps generated by PSU alarms.

Status: current

16.7 fanHighAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.3

Description: Alarm for fan speed above the safe rpm speed.

Status: current

16.8 fanLowAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.4

Description: Alarm for fan speed below the safe rpm speed.

Status: current

16.9 fanFailAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.5

Description: Alarm for fan in a fail condition. The fan must be checked.

Status: current

16.10 fanErrorAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.6

Description: Alarm to report that an error happened on fan status reading.

Status: current

16.11 tempHighAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.7

Description: Alarm for high temperature of the device.

Status: current

16.12 tempLowAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.8

Description: Alarm for low temperature of the device.

Status: current

16.13 tempErrorAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.9

Description: It was not possible to read the temperature sensor.

Status: current

16.14 tempCriticalAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.10

Description: Alarm for critical temperature of the device.

Status: current

16.15 psuPowerInputFailureAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.11

Description: Alarm for PSU power input failure.

Status: current

16.16 psuFuseFailureAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.12

Description: Alarm for PSU fuse failure.

Status: current

16.17 psuErrorAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.2.13

Description: Alarm for PSU status check error.

Status: current

17 DMOS-INVENTORY-MIB

MIB file: DMOS-INVENTORY-MIB.mib

This MIB file has the following root objects:

- **dmosInventoryMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.11

17.1 chassisTable

OID: 1.3.6.1.4.1.3709.3.6.11.1

Description: List of Chassis inventory information

Syntax: SEQUENCE OF chassisEntry (OID: 1.3.6.1.4.1.3709.3.6.11.1.1)

Access: not-accessible

Status: current

17.1.1 chassisChassisId

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.1

Description: Chassis identification

Syntax: Unsigned32

Access: not-accessible

Status: current

17.1.2 chassisProductName

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.2

Description: Name of product

Syntax: String

Access: read-only

Status: current

17.1.3 chassisPartNumber

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.3

Description: Product part number

Syntax: String

Access: read-only

Status: current

17.1.4 chassisSerialNumber

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.4

Description: Product serial number

Syntax: String

Access: read-only

Status: current

17.1.5 chassisVendor

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.5

Description: Product vendor

Syntax: String

Access: read-only

Status: current

17.1.6 chassisProductModel

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.6

Description: Hardware model of the product

Syntax: String

Access: read-only

Status: current

17.1.7 chassisProductRevision

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.7

Description: Product revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.1.8 chassisPcbRevision

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.8

Description: PCB revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.1.9 chassisHardwareVersion

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.9

Description: Hardware version

Syntax: UnsignedByte

Access: read-only

Status: current

17.1.10 chassisOperationTemperature

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.10

Description: Range of operating temperature

Syntax: String

Access: read-only

Status: current

17.1.11 chassisSystemMacAddress

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.11

Description: Product MAC address

Syntax: HexList

Syntax details: (Size) 6 - 6

Access: read-only

Status: current

17.1.12 chassisFactoryStatus

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.12

Description: Factory status of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.1.13 chassisNumMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.13

Description: Number of maintenances of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.1.14 chassisItemsMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.14

Description: Maintenance items of Product

Syntax: Unsigned32

Access: read-only

Status: current

17.1.15 chassisDateLastMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.15

Description: Date of last maintenance of Product

Syntax: String

Access: read-only

Status: current

17.1.16 chassisCardSpecific

OID: 1.3.6.1.4.1.3709.3.6.11.1.1.16

Description: Card specific info

Syntax: String

Access: read-only

Status: current

17.1.17 chassisFirmwareRevision

OID: 1.3.6.1.4.1.3709.3.6.11.1.17

Description: Firmware revision of Product

Syntax: String

Access: read-only

Status: current

17.1.18 chassisInventoryState

OID: 1.3.6.1.4.1.3709.3.6.11.1.18

Description: State of inventory

Syntax: INTEGER

Syntax details: (Enumeration) 'valid-inventory': 1, 'no-inventory': 2, 'invalid-inventory': 3, 'deferred-inventory': 4

Access: read-only

Status: current

17.2 chassisSlotTable

OID: 1.3.6.1.4.1.3709.3.6.11.2

Description: List of Slot inventory information

Syntax: SEQUENCE OF chassisSlotEntry (OID: 1.3.6.1.4.1.3709.3.6.11.2.1)

Access: not-accessible

Status: current

17.2.1 chassisSlotSlotId

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.1

Description: Slot identification

Syntax: SlotIdTypeRestricted

Access: not-accessible

Status: current

17.2.2 chassisSlotId

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.2

Description: Slot identification field in format chassis/slot

Syntax: String

Access: read-only

Status: current

17.2.3 chassisSlotCardPartNumber

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.3

Description: Product part number

Syntax: String

Access: read-only

Status: current

17.2.4 chassisSlotCardSerialNumber

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.4

Description: Product serial number

Syntax: String

Access: read-only

Status: current

17.2.5 chassisSlotCardVendor

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.5

Description: Product vendor

Syntax: String

Access: read-only

Status: current

17.2.6 chassisSlotCardProductModel

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.6

Description: Hardware model of the product

Syntax: String

Access: read-only

Status: current

17.2.7 chassisSlotCardProductRevision

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.7

Description: Product revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.2.8 chassisSlotCardPcbRevision

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.8

Description: PCB revision

Syntax: UnsignedShort

Access: read-only

Status: current

17.2.9 chassisSlotCardHardwareVersion

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.9

Description: Hardware version

Syntax: UnsignedByte

Access: read-only

Status: current

17.2.10 chassisSlotCardOperationTemperature

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.10

Description: Range of operating temperature

Syntax: String

Access: read-only

Status: current

17.2.11 chassisSlotCardSystemMacAddress

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.11

Description: Product MAC address

Syntax: HexList

Syntax details: (Size) 6 - 6

Access: read-only

Status: current

17.2.12 chassisSlotCardFactoryStatus

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.12

Description: Factory status of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.2.13 chassisSlotCardNumMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.13

Description: Number of maintenances of Product

Syntax: UnsignedByte

Access: read-only

Status: current

17.2.14 chassisSlotCardItemsMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.14

Description: Maintenance items of Product

Syntax: Unsigned32

Access: read-only

Status: current

17.2.15 chassisSlotCardDateLastMaintenance

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.15

Description: Date of last maintenance of Product

Syntax: String

Access: read-only

Status: current

17.2.16 chassisSlotCardCardSpecific

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.16

Description: Card specific info

Syntax: String

Access: read-only

Status: current

17.2.17 chassisSlotCardFirmwareRevision

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.17

Description: Firmware revision of Product

Syntax: String

Access: read-only

Status: current

17.2.18 chassisSlotCardInventoryState

OID: 1.3.6.1.4.1.3709.3.6.11.2.1.18

Description: State of inventory

Syntax: INTEGER

Syntax details: (Enumeration) 'valid-inventory': 1, 'no-inventory': 2, 'invalid-inventory': 3, 'deferred-inventory': 4

Access: read-only

Status: current

17.3 transceiverInventoryTable

OID: 1.3.6.1.4.1.3709.3.6.11.3

Description: List of transceiver inventory information

Syntax: SEQUENCE OF transceiverInventoryEntry (OID: 1.3.6.1.4.1.3709.3.6.11.3.1)

Access: not-accessible

Status: current

17.3.1 transceiverInventoryIfIndex

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.1

Description: Interface index

Syntax: Unsigned32

Access: not-accessible

Status: current

17.3.2 transceiverInventoryInfoType

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.2

Description: Transceiver type

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'gbic': 1, 'soldered-on-mobo': 2, 'sfp': 3, 'xbi-300-pin': 4, 'xenpak': 5, 'xfp': 6, 'xff': 7, 'xfp-e': 8, 'xpak': 9, 'x2': 10, 'dwdm-sfp': 11, 'qsfp': 12, 'qsfp-plus': 13, 'qsfp28': 17, 'qsfp-dd': 24

Access: read-only

Status: current

17.3.3 transceiverInventoryInfoConnector

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.3

Description: Transceiver connector

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'sc': 1, 'style-1-copper': 2, 'style-2-copper': 3, 'bnc-tnc': 4, 'coaxial-headers': 5, 'fiber-jack': 6, 'lc': 7, 'mt-rj': 8, 'mu': 9, 'sg': 10, 'optical-pigtail': 11, 'mpo-parallel-optic': 12, 'hssdc-ii': 32, 'copper-pigtail': 33, 'rj45': 34, 'not-separable-connector': 35

Access: read-only

Status: current

17.3.4 transceiverInventoryInfoEthernetStandards

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.4

Description: Ethernet standards supported by the transceiver

Syntax: ConfdString

Access: read-only

Status: current

17.3.5 transceiverInventoryInfoVendorName

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.5

Description: Transceiver vendor name

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.6 transceiverInventoryInfoVendorSn

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.6

Description: Transceiver serial number

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.7 transceiverInventoryInfoVendorPn

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.7

Description: Transceiver part number

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.8 transceiverInventoryInfoLaserWavelength

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.8

Description: Transceiver laser wavelength

Syntax: String

Syntax details: (Size) 0 - 16

Access: read-only

Status: current

17.3.9 transceiverInventoryInfoDiagnostics

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.9

Description: Transceiver digital diagnostics type

Syntax: INTEGER

Syntax details: (Enumeration) 'unavailable': 0, 'internally-calibrated': 1, 'externally-calibrated': 2

Access: read-only

Status: current

17.3.10 transceiverInventoryInfoTemperatureThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.10

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.11 transceiverInventoryInfoTemperatureThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.11

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.12 transceiverInventoryInfoTemperatureThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.12

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.13 transceiverInventoryInfoTemperatureThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.13

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.14 transceiverInventoryInfoRxPowerThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.14

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.15 transceiverInventoryInfoRxPowerThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.15

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.16 transceiverInventoryInfoRxPowerThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.16

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.17 transceiverInventoryInfoRxPowerThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.17

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.18 transceiverInventoryInfoTxPowerThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.18

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.19 transceiverInventoryInfoTxPowerThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.19

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.20 transceiverInventoryInfoTxPowerThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.20

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.21 transceiverInventoryInfoTxPowerThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.21

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.22 transceiverInventoryInfoVcc3v3ThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.22

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.23 transceiverInventoryInfoVcc3v3ThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.23

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.24 transceiverInventoryInfoVcc3v3ThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.24

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.25 transceiverInventoryInfoVcc3v3ThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.25

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.26 transceiverInventoryInfoTxBiasThresholdsAlarmLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.26

Description: Low alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.27 transceiverInventoryInfoTxBiasThresholdsAlarmHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.27

Description: High alarm threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.28 transceiverInventoryInfoTxBiasThresholdsWarningLow

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.28

Description: Low warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.29 transceiverInventoryInfoTxBiasThresholdsWarningHigh

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.29

Description: High warning threshold

Syntax: ConfdString

Access: read-only

Status: current

17.3.30 transceiverInventoryInfoPhysicalMedia

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.30

Description: Transceiver physical media

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'electrical': 1, 'optical': 2

Access: read-only

Status: current

17.3.31 transceiverInventoryInfoReadOk

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.31

Description: Transceiver information valid

Syntax: TruthValue

Access: read-only

Status: current

17.3.32 transceiverInventoryInfoFiberType

OID: 1.3.6.1.4.1.3709.3.6.11.3.1.32

Description: Transceiver supported fiber type

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'unavailable': 1, 'single-mode': 2, 'multimode': 3

Access: read-only

Status: current

18 DMOS-LBD-NOTIFICATIONS-MIB

MIB file: DMOS-LBD-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosLbdNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.6
 - **Description:** DmOS notifications related to loopback detection events.
 - **Object identities:**
 - dmosLbdNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.6.1)

18.1 dmosLbdAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.6.1.1

Description: Traps generated by loopback detection alarms.

Status: current

18.2 loopbackDetectedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.6.2

Description: Loopback detected alarm trap.

Status: current

19 DMOS-LFD-NOTIFICATIONS-MIB

MIB file: DMOS-LFD-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosLfdNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.7
 - **Description:** DmOS notifications related to link flap detection events.
 - **Object identities:**
 - dmosLfdNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.7.1)

19.1 dmosLfdAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.1.1

Description: Traps generated by link flap detection alarms.

Status: current

19.2 linkFlapDetectedAlarmTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.7.2

Description: Link flap detected alarm trap.

Status: current

20 DMOS-MEM-NOTIFICATIONS-MIB

MIB file: DMOS-MEM-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosMemNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3.3.1
 - **Description:** The memory notifications designed to be used by notification manager
 - **Object identities:**
 - dmosMemNotificationObjects (1.3.6.1.4.1.3709.3.6.3.3.1.1)
 - dmosMemNotificationGroups (1.3.6.1.4.1.3709.3.6.3.3.1.2)

20.1 dmosMemNotificationThreshold

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.1.1

Description: Memory alarm threshold.

Syntax: Gauge32

Access: accessible-for-notify

Status: current

20.2 dmosMemNotificationInterval

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.1.2

Description: Time interval during which the memory value was above/below the threshold.

Syntax: Gauge32

Access: accessible-for-notify

Status: current

20.3 dmosMemAlarmInfoGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.2.1

Description: A set of objects that provides more information about memory alarms.

Status: current

20.4 dmosMemAlarmTrapsGroup

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.2.2

Description: Traps generated by memory alarms.

Status: current

20.5 memAvailableLowTrap

OID: 1.3.6.1.4.1.3709.3.6.3.3.1.3

Description: Alarm trap for low memory available.

Status: current

21 DMOS-NOTIFICATIONS-MIB

MIB file: DMOS-NOTIFICATIONS-MIB.mib

This MIB file has the following root objects:

- **dmosNotificationsMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.3
 - **Description:** This module contains DmOS notifications data for SNMP
 - **Object identities:**
 - notificationObjects (1.3.6.1.4.1.3709.3.6.3.1)
 - notificationGroups (1.3.6.1.4.1.3709.3.6.3.2)
 - dmosNotifications (1.3.6.1.4.1.3709.3.6.3.3)

21.1 notificationTime

OID: 1.3.6.1.4.1.3709.3.6.3.1.1

Description: Date and Time when notification was generated

Syntax: DateAndTime

Access: accessible-for-notify

Status: current

21.2 notificationName

OID: 1.3.6.1.4.1.3709.3.6.3.1.2

Description: Name of notification

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.3 notificationSourceType

OID: 1.3.6.1.4.1.3709.3.6.3.1.3

Description: Type of source

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.4 notificationSourceValue

OID: 1.3.6.1.4.1.3709.3.6.3.1.4

Description: Source identification

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.5 notificationSeverity

OID: 1.3.6.1.4.1.3709.3.6.3.1.5

Description: Notification severity

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.6 notificationInfo

OID: 1.3.6.1.4.1.3709.3.6.3.1.6

Description: Summarized information of the notification

Syntax: DisplayString

Access: accessible-for-notify

Status: current

21.7 notificationAlarmState

OID: 1.3.6.1.4.1.3709.3.6.3.1.7

Description: Alarm state

Syntax: INTEGER

Syntax details: (Enumeration) 'clear': 1, 'set': 2, 'unstable': 3

Access: accessible-for-notify

Status: current

21.8 infoNotificationGroup

OID: 1.3.6.1.4.1.3709.3.6.3.2.1

Description: A set of objects that describes an occurrence informed by a notification not related to any alarm

Status: current

21.9 alarmNotificationGroup

OID: 1.3.6.1.4.1.3709.3.6.3.2.2

Description: The notifications that inform an alarm state transition contain all object members of this group in addition to infoNotificationGroup members

Status: current

22 DMOS-POLICER-MIB

MIB file: DMOS-POLICER-MIB.mib

This MIB file has the following root objects:

- **dmosPolicerMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.12
 - **Description:** The module for managing QoS traffic policing.

22.1 policerInstanceTable

OID: 1.3.6.1.4.1.3709.3.6.12.1

Syntax: SEQUENCE OF policerInstanceEntry (OID: 1.3.6.1.4.1.3709.3.6.12.1.1)

Access: not-accessible

Status: current

22.1.1 policerInstanceInstanceld

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.1

Description: Instance ID

Syntax: UnsignedShort

Access: read-only

Status: current

22.1.2 policerInstanceProfile

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.2

Description: Profile name

Syntax: String

Syntax details: (Size) 1 - 48

Access: read-only

Status: current

22.1.3 policerInstanceMode

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.3

Description: Policer mode

Syntax: PolicerMode

Access: read-only

Status: current

22.1.4 policerInstanceStage

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.4

Description: Policer stage

Syntax: PolicerStageExtended

Access: read-only

Status: current

22.1.5 policerInstanceCir

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.5

Description: Committed information rate (kbits/s)

Syntax: Unsigned32

Access: read-only

Status: current

22.1.6 policerInstanceEir

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.6

Description: Excess information rate (kbits/s)

Syntax: Unsigned32

Access: read-only

Status: current

22.1.7 policerInstancePir

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.7

Description: Peak information rate (kbits/s)

Syntax: Unsigned32

Access: read-only

Status: current

22.1.8 policerInstanceForwarded

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.8

Description: Number of forwarded bytes

Syntax: Counter64

Access: read-only

Status: current

22.1.9 policerInstanceDropped

OID: 1.3.6.1.4.1.3709.3.6.12.1.1.9

Description: Number of dropped bytes

Syntax: Counter64

Access: read-only

Status: current

22.2 policerInstanceInterfaceTable

OID: 1.3.6.1.4.1.3709.3.6.12.10

Syntax: SEQUENCE OF policerInstanceInterfaceEntry (OID: 1.3.6.1.4.1.3709.3.6.12.10.1)

Access: not-accessible

Status: current

22.2.1 policerInstanceInterfaceIndex

OID: 1.3.6.1.4.1.3709.3.6.12.10.1.1

Description: Interface index

Syntax: Integer32

Syntax details: (Range) 1 - 2147483647

Access: read-only

Status: current

22.2.2 policerInstanceInterfaceName

OID: 1.3.6.1.4.1.3709.3.6.12.10.1.2

Description: Interface name

Syntax: String

Syntax details: (Size) 0 - 64

Access: read-only

Status: current

23 DMOS-REBOOT-MIB

MIB file: DMOS-REBOOT-MIB.mib

This MIB file has the following root objects:

- **dmosRebootMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.10
 - **Description:** Reboot execution.

23.1 rebootReason

OID: 1.3.6.1.4.1.3709.3.6.10.1

Syntax: String

Access: read-only

Status: current

24 DMOS-SYSMON-MIB

MIB file: DMOS-SYSMON-MIB.mib

This MIB file has the following root objects:

- **dmosSysmonMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.4
 - **Description:** This module contains DmOS CPU and memory usage monitoring objects.
 - **Object identities:**
 - cpu (1.3.6.1.4.1.3709.3.6.4.1)
 - memory (1.3.6.1.4.1.3709.3.6.4.2)

24.1 cpuChassisTable

OID: 1.3.6.1.4.1.3709.3.6.4.1.1

Description: List of chassis for which CPU usage information is available

Syntax: SEQUENCE OF cpuChassisEntry (OID: 1.3.6.1.4.1.3709.3.6.4.1.1.1)

Access: not-accessible

Status: current

24.1.1 cpuChassisId

OID: 1.3.6.1.4.1.3709.3.6.4.1.1.1.1

Description: Chassis identifier

Syntax: Unsigned32

Access: read-only

Status: current

24.2 cpuSlotTable

OID: 1.3.6.1.4.1.3709.3.6.4.1.2

Description: List of slots for which CPU usage information is available

Syntax: SEQUENCE OF cpuSlotEntry (OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1)

Access: not-accessible

Status: current

24.2.1 cpuSlotId

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.1

Description: Slot identifier

Syntax: DisplayString

Access: not-accessible

Status: current

24.2.2 cpuLoadFiveSecondsActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.2

Description: Average active CPU load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.2.3 cpuLoadFiveSecondsIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.3

Description: Average idle CPU load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.2.4 cpuLoadOneMinuteActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.4

Description: Average active CPU load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.2.5 cpuLoadOneMinuteIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.5

Description: Average idle CPU load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.2.6 cpuLoadFiveMinutesActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.6

Description: Average active CPU load of the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.2.7 cpuLoadFiveMinutesIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.2.1.7

Description: Average idle CPU load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3 cpuCoreTable

OID: 1.3.6.1.4.1.3709.3.6.4.1.3

Description: Detailed information per CPU core

Syntax: SEQUENCE OF cpuCoreEntry (OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1)

Access: not-accessible

Status: current

24.3.1 cpuCoreCoreId

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.1

Description: CPU core identifier

Syntax: Unsigned8

Access: not-accessible

Status: current

24.3.2 cpuCoreFiveSecondsActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.2

Description: Average active CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.3 cpuCoreFiveSecondsUser

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.3

Description: Average user space CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.4 cpuCoreFiveSecondsSystem

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.4

Description: Average kernel space CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.5 cpuCoreFiveSecondsNice

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.5

Description: Average CPU core load spent on niced processes over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.6 cpuCoreFiveSecondsIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.6

Description: Average idle CPU core load over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.7 cpuCoreFiveSecondsWait

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.7

Description: Average CPU core load spent waiting for I/O over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.8 cpuCoreFiveSecondsInterrupt

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.8

Description: Average CPU core load spent handling hardware interrupts over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.9 cpuCoreFiveSecondsSoftirq

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.9

Description: Average CPU core load spent handling software interrupts over the last five seconds

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.10 cpuCoreOneMinuteActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.10

Description: Average active CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.11 cpuCoreOneMinuteUser

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.11

Description: Average user space CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.12 cpuCoreOneMinuteSystem

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.12

Description: Average kernel space CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.13 cpuCoreOneMinuteNice

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.13

Description: Average CPU core load spent on niced processes over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.14 cpuCoreOneMinuteIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.14

Description: Average idle CPU core load over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.15 cpuCoreOneMinuteWait

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.15

Description: Average CPU core load spent waiting for I/O over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.16 cpuCoreOneMinuteInterrupt

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.16

Description: Average CPU core load spent handling hardware interrupts over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.17 cpuCoreOneMinuteSoftirq

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.17

Description: Average CPU core load spent handling hardware interrupts over the last minute

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.18 cpuCoreFiveMinutesActive

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.18

Description: Average active CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.19 cpuCoreFiveMinutesUser

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.19

Description: Average user space CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.20 cpuCoreFiveMinutesSystem

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.20

Description: Average kernel space CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.21 cpuCoreFiveMinutesNice

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.21

Description: Average CPU core load spent on niced processes over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.22 cpuCoreFiveMinutesIdle

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.22

Description: Average idle CPU core load over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.23 cpuCoreFiveMinutesWait

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.23

Description: Average CPU core load spent waiting for I/O over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.24 cpuCoreFiveMinutesInterrupt

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.24

Description: Average CPU core load spent handling hardware interrupts over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.3.25 cpuCoreFiveMinutesSoftirq

OID: 1.3.6.1.4.1.3709.3.6.4.1.3.1.25

Description: Average CPU core load spent handling hardware interrupts over the last five minutes

Syntax: UnsignedPercent

Access: read-only

Status: current

24.4 memoryChassisTable

OID: 1.3.6.1.4.1.3709.3.6.4.2.1

Description: List of chassis for which memory usage information is available

Syntax: SEQUENCE OF memoryChassisEntry (OID: 1.3.6.1.4.1.3709.3.6.4.2.1.1)

Access: not-accessible

Status: current

24.4.1 memoryChassisId

OID: 1.3.6.1.4.1.3709.3.6.4.2.1.1.1

Description: Chassis identifier

Syntax: Unsigned32

Access: read-only

Status: current

24.5 memorySlotTable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2

Description: List of slots for which memory usage information is available

Syntax: SEQUENCE OF memorySlotEntry (OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1)

Access: not-accessible

Status: current

24.5.1 memorySlotId

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.1

Description: Slot identifier

Syntax: DisplayString

Access: not-accessible

Status: current

24.5.2 memoryFiveSecondsTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.2

Description: Average amount of total memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.3 memoryFiveSecondsUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.3

Description: Average amount of used memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.4 memoryFiveSecondsFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.4

Description: Average amount of free memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.5 memoryFiveSecondsBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.5

Description: Average amount of buffered memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.6 memoryFiveSecondsCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.6

Description: Average amount of cached memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.7 memoryFiveSecondsAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.7

Description: Average amount of available memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.8 memoryFiveSecondsSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.8

Description: Average amount of reclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.9 memoryFiveSecondsSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.9

Description: Average amount of unreclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.10 memoryFiveMinutesTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.10

Description: Average amount of total memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.11 memoryFiveMinutesUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.11

Description: Average amount of used memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.12 memoryFiveMinutesFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.12

Description: Average amount of free memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.13 memoryFiveMinutesBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.13

Description: Average amount of buffered memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.14 memoryFiveMinutesCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.14

Description: Average amount of cached memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.15 memoryFiveMinutesAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.15

Description: Average amount of available memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.16 memoryFiveMinutesSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.16

Description: Average amount of reclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.17 memoryFiveMinutesSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.17

Description: Average amount of unreclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.18 memoryThirtyMinutesTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.18

Description: Average amount of total memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.19 memoryThirtyMinutesUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.19

Description: Average amount of used memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.20 memoryThirtyMinutesFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.20

Description: Average amount of free memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.21 memoryThirtyMinutesBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.21

Description: Average amount of buffered memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.22 memoryThirtyMinutesCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.22

Description: Average amount of cached memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.23 memoryThirtyMinutesAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.23

Description: Average amount of available memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.24 memoryThirtyMinutesSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.24

Description: Average amount of reclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.25 memoryThirtyMinutesSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.25

Description: Average amount of unreclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.26 memoryOneMinuteTotal

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.26

Description: Average amount of total memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.27 memoryOneMinuteUsed

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.27

Description: Average amount of used memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.28 memoryOneMinuteFree

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.28

Description: Average amount of free memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.29 memoryOneMinuteBuffered

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.29

Description: Average amount of buffered memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.30 memoryOneMinuteCached

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.30

Description: Average amount of cached memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.31 memoryOneMinuteAvailable

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.31

Description: Average amount of available memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.32 memoryOneMinuteSlabRecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.32

Description: Average amount of reclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.33 memoryOneMinuteSlabUnrecl

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.33

Description: Average amount of unreclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: deprecated

24.5.34 memoryFiveSecondsTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.34

Description: Average amount of total memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.35 memoryFiveSecondsUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.35

Description: Average amount of used memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.36 memoryFiveSecondsFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.36

Description: Average amount of free memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.37 memoryFiveSecondsBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.37

Description: Average amount of buffered memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.38 memoryFiveSecondsCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.38

Description: Average amount of cached memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.39 memoryFiveSecondsAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.39

Description: Average amount of available memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.40 memoryFiveSecondsSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.40

Description: Average amount of reclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.41 memoryFiveSecondsSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.41

Description: Average amount of unreclaimable slab memory over the last five seconds

Syntax: Unsigned32

Access: read-only

Status: current

24.5.42 memoryFiveMinutesTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.42

Description: Average amount of total memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.43 memoryFiveMinutesUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.43

Description: Average amount of used memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.44 memoryFiveMinutesFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.44

Description: Average amount of free memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.45 memoryFiveMinutesBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.45

Description: Average amount of buffered memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.46 memoryFiveMinutesCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.46

Description: Average amount of cached memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.47 memoryFiveMinutesAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.47

Description: Average amount of available memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.48 memoryFiveMinutesSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.48

Description: Average amount of reclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.49 memoryFiveMinutesSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.49

Description: Average amount of unreclaimable slab memory over the last five minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.50 memoryThirtyMinutesTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.50

Description: Average amount of total memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.51 memoryThirtyMinutesUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.51

Description: Average amount of used memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.52 memoryThirtyMinutesFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.52

Description: Average amount of free memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.53 memoryThirtyMinutesBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.53

Description: Average amount of buffered memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.54 memoryThirtyMinutesCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.54

Description: Average amount of cached memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.55 memoryThirtyMinutesAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.55

Description: Average amount of available memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.56 memoryThirtyMinutesSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.56

Description: Average amount of reclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.57 memoryThirtyMinutesSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.57

Description: Average amount of unreclaimable slab memory over the last thirty minutes

Syntax: Unsigned32

Access: read-only

Status: current

24.5.58 memoryOneMinuteTotalKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.58

Description: Average amount of total memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.59 memoryOneMinuteUsedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.59

Description: Average amount of used memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.60 memoryOneMinuteFreeKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.60

Description: Average amount of free memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.61 memoryOneMinuteBufferedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.61

Description: Average amount of buffered memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.62 memoryOneMinuteCachedKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.62

Description: Average amount of cached memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.63 memoryOneMinuteAvailableKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.63

Description: Average amount of available memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.64 memoryOneMinuteSlabReclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.64

Description: Average amount of reclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

24.5.65 memoryOneMinuteSlabUnreclKB

OID: 1.3.6.1.4.1.3709.3.6.4.2.2.1.65

Description: Average amount of unreclaimable slab memory over the last minute

Syntax: Unsigned32

Access: read-only

Status: current

25 DMOS-TC-MIB

MIB file: DMOS-TC-MIB.mib

This MIB file has the following root objects:

- **dmosTcMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.5
 - **Description:** This module contains DmOS Textual Conventions

26 DMOS-TRANSCEIVER-MIB

MIB file: DMOS-TRANSCEIVER-MIB.mib

This MIB file has the following root objects:

- **dmosTransceiverMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.8
 - **Description:** This module contains DmOS transceivers status monitoring objects.
 - **Object identities:**
 - transceiver (1.3.6.1.4.1.3709.3.6.8.1)
 - transceiverLane (1.3.6.1.4.1.3709.3.6.8.2)

26.1 transceiverTable

OID: 1.3.6.1.4.1.3709.3.6.8.1.1

Description: List of transceivers for which status information is available

Syntax: SEQUENCE OF transceiverEntry (OID: 1.3.6.1.4.1.3709.3.6.8.1.1.1)

Access: not-accessible

Status: current

26.1.1 temperature

OID: 1.3.6.1.4.1.3709.3.6.8.1.1.1.1

Description: Current transceiver temperature

Syntax: TransceiverTemperature

Access: read-only

Status: current

26.1.2 voltage

OID: 1.3.6.1.4.1.3709.3.6.8.1.1.1.2

Description: Current transceiver voltage

Syntax: TransceiverVoltage

Access: read-only

Status: current

26.1.3 laneCount

OID: 1.3.6.1.4.1.3709.3.6.8.1.1.3

Description: Number of lanes (lasers) in the transceiver

Syntax: Integer32

Access: read-only

Status: current

26.2 transceiverLaneTable

OID: 1.3.6.1.4.1.3709.3.6.8.2.1

Description: List of transceiver lanes for which status information is available

Syntax: SEQUENCE OF transceiverLaneEntry (OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1)

Access: not-accessible

Status: current

26.2.1 laneIndex

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.1

Description: A lane on this transceiver

Syntax: Unsigned32

Syntax details: (Range) 1 - 1000

Access: read-only

Status: current

26.2.2 laneRxPower

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.2

Description: Current transceiver lane RX power

Syntax: TransceiverOpticalPower

Access: read-only

Status: current

26.2.3 laneTxPower

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.3

Description: Current transceiver lane TX power

Syntax: TransceiverOpticalPower

Access: read-only

Status: current

26.2.4 laneTxBias

OID: 1.3.6.1.4.1.3709.3.6.8.2.1.1.4

Description: Current transceiver lane TX bias current

Syntax: TransceiverCurrent

Access: read-only

Status: current

27 DMOS-USER-DEFINED-COUNTERS

MIB file: DMOS-USER-DEFINED-COUNTERS.mib

This MIB file has the following root objects:

- **dmosUserDefinedCountersMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.9
 - **Description:** This module contains the YANG definitions for user-defined counters.

27.1 countersIngressTable

OID: 1.3.6.1.4.1.3709.3.6.9.1

Description: Ingress counters

Syntax: SEQUENCE OF countersIngressEntry (OID: 1.3.6.1.4.1.3709.3.6.9.1.1)

Access: not-accessible

Status: current

27.1.1 countersIngressId

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.1

Syntax: Unsigned32

Access: read-only

Status: current

27.1.2 countersIngressDescription

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.2

Description: User-friendly counter identification

Syntax: String

Syntax details: (Size) 1 - 128

Access: read-only

Status: current

27.1.3 countersIngressValue

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.3

Syntax: Counter64

Access: read-only

Status: current

27.1.4 countersIngressType

OID: 1.3.6.1.4.1.3709.3.6.9.1.1.4

Description: Type of counter

Syntax: Counter_type

Access: read-only

Status: current

27.2 countersEgressTable

OID: 1.3.6.1.4.1.3709.3.6.9.2

Description: Egress counters

Syntax: SEQUENCE OF countersEgressEntry (OID: 1.3.6.1.4.1.3709.3.6.9.2.1)

Access: not-accessible

Status: current

27.2.1 countersEgressId

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.1

Syntax: Unsigned32

Access: read-only

Status: current

27.2.2 countersEgressDescription

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.2

Description: User-friendly counter identification

Syntax: String

Syntax details: (Size) 1 - 128

Access: read-only

Status: current

27.2.3 countersEgressValue

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.3

Syntax: Counter64

Access: read-only

Status: current

27.2.4 countersEgressType

OID: 1.3.6.1.4.1.3709.3.6.9.2.1.4

Description: Type of counter

Syntax: Counter_type

Access: read-only

Status: current

28 GPON-ONU-IF-MIB

MIB file: GPON-ONU-IF-MIB.mib

This MIB file has the following root objects:

- **gponOnulfMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.2
 - **Description:** This module contains GPON ONU and UNI interfaces operational data for SNMP

28.1 onulfTable

OID: 1.3.6.1.4.1.3709.3.6.2.1

Description: This table represents ONU associated entities (e.g. ONU, Ethernet UNI)

Syntax: SEQUENCE OF onulfEntry (OID: 1.3.6.1.4.1.3709.3.6.2.1.1)

Access: not-accessible

Status: current

28.1.1 onuifIndex

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.2

Description: Table index

Syntax: Integer32

Syntax details: (Range) 1 - 2147483647

Access: not-accessible

Status: current

28.1.2 onuifDescr

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.3

Description: Interface description

Syntax: String

Syntax details: (Size) 0 - 255

Access: read-write

Status: current

28.1.3 onuifType

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.4

Description: Global IANA interface type for this table entry

Syntax: INTEGER

Syntax details: (Enumeration) 'other': 1, 'regular1822': 2, 'hdh1822': 3, 'ddnX25': 4, 'rfc877x25': 5, 'ethernetCsmacd': 6, 'iso88023Csmacd': 7, 'iso88024TokenBus': 8, 'iso88025TokenRing': 9, 'iso88026Man': 10, 'starLan': 11, 'proteon10Mbit': 12, 'proteon80Mbit': 13, 'hyperchannel': 14, 'fddi': 15, 'lapb': 16, 'sdlc': 17, 'ds1': 18, 'e1': 19, 'basicISDN': 20, 'primaryISDN': 21, 'propPointToPointSerial': 22, 'ppp': 23, 'softwareLoopback': 24, 'eon': 25, 'ethernet3Mbit': 26, 'nsip': 27, 'slip': 28, 'ultra': 29, 'ds3': 30, 'sip': 31, 'frameRelay': 32, 'rs232': 33, 'para': 34, 'arcnet': 35, 'arcnetPlus': 36, 'atm': 37, 'mioX25': 38, 'sonet': 39, 'x25ple': 40, 'iso88022llc': 41, 'localTalk': 42, 'smdsDxi': 43, 'frameRelayService': 44, 'v35': 45, 'hssi': 46, 'hippi': 47, 'modem': 48, 'aal5': 49, 'sonetPath': 50, 'sonetVT': 51, 'smdslcip': 52, 'propVirtual': 53, 'propMultiplexor': 54, 'ieee80212': 55, 'fibreChannel': 56, 'hippiInterface': 57, 'frameRelayInterconnect': 58, 'aflane8023': 59, 'aflane8025': 60, 'cctEmul': 61, 'fastEther': 62, 'isdn': 63, 'v11': 64, 'v36': 65, 'g703at64k': 66, 'g703at2mb': 67, 'qllc': 68, 'fastEtherFX': 69, 'channel': 70, 'ieee80211': 71, 'ibm370parChan': 72, 'escon': 73, 'dlsW': 74, 'isdns': 75, 'isdnu': 76, 'lapd': 77, 'ipSwitch': 78, 'rsrb': 79, 'atmLogical': 80, 'ds0': 81, 'ds0Bundle': 82, 'bsc': 83, 'async': 84, 'cnr': 85, 'iso88025Dtr': 86, 'eplrs': 87, 'arap': 88, 'propCnls': 89, 'hostPad': 90, 'termPad': 91, 'frameRelayMPI': 92, 'x213': 93, 'adsl': 94, 'radsl': 95, 'sdsl': 96, 'vdsl': 97, 'iso88025CRFPInt': 98, 'myrinet': 99, 'voiceEM': 100, 'voiceFXO': 101, 'voiceFXS': 102, 'voiceEncap': 103, 'voiceOverIp': 104, 'atmDxi': 105, 'atmFuni': 106, 'atmlma': 107, 'pppMultilinkBundle': 108, 'ipOverCdlc': 109, 'ipOverClaw': 110, 'stackToStack': 111, 'virtualIpAddress': 112, 'mpc': 113, 'ipOverAtm': 114, 'iso88025Fiber': 115, 'tdlc': 116, 'gigabitEthernet': 117, 'hdlc': 118, 'lapf': 119, 'v37': 120, 'x25mlp': 121, 'x25huntGroup': 122, 'transpHdlc': 123, 'interleave': 124, 'fast': 125, 'ip': 126, 'docsCableMaclayer': 127, 'docsCableDownstream': 128, 'docsCableUpstream': 129, 'a12MppSwitch': 130, 'tunnel': 131, 'coffee': 132, 'ces': 133, 'atmSubInterface': 134, 'l2vlan': 135, 'l3ipvlan': 136, 'l3ipxvlan': 137, 'digitalPowerline': 138, 'mediaMailOverIp': 139, 'dtm': 140, 'dcn': 141, 'ipForward': 142, 'msdsl': 143, 'ieee1394': 144, 'if-gsn': 145, 'dvbRccMacLayer': 146, 'dvbRccDownstream': 147, 'dvbRccUpstream': 148, 'atmVirtual': 149, 'mplsTunnel': 150, 'srp': 151, 'voiceOverAtm': 152, 'voiceOverFrameRelay': 153, 'idsl': 154, 'compositeLink': 155, 'ss7SigLink': 156, 'propWirelessP2P': 157, 'frForward': 158, 'rfc1483': 159, 'usb': 160, 'ieee8023adLag': 161, 'bgppolicyaccounting': 162, 'frf16MfrBundle': 163, 'h323Gatekeeper': 164, 'h323Proxy': 165, 'mpls': 166, 'mfSigLink': 167, 'hdlc2': 168, 'shdsl': 169, 'ds1FDL': 170, 'pos': 171, 'dvbAsiIn': 172, 'dvbAsiOut': 173, 'plc': 174, 'nfas': 175, 'tr008': 176, 'gr303RDT': 177, 'gr303IDT': 178, 'isup': 179, 'propDocsWirelessMaclayer': 180, 'propDocsWirelessDownstream': 181, 'propDocsWirelessUpstream': 182, 'hiperlan2': 183, 'propBWAmp2Mp': 184, 'sonetOverheadChannel': 185, 'digitalWrapperOverheadChannel': 186, 'aal2': 187, 'radioMAC': 188, 'atmRadio': 189, 'imt': 190, 'mvl': 191, 'reachDSL': 192, 'frDlciEndPt': 193, 'atmVciEndPt': 194, 'opticalChannel': 195, 'opticalTransport': 196, 'propAtm': 197, 'voiceOverCable': 198, 'infiniband': 199, 'teLink': 200, 'q2931': 201, 'virtualTg': 202, 'sipTg': 203, 'sipSig': 204, 'docsCableUpstreamChannel': 205, 'econet': 206, 'pon155': 207, 'pon622': 208, 'bridge': 209, 'linegroup': 210, 'voiceEMFGD': 211, 'voiceFGDEANA': 212, 'voiceDID': 213, 'mpegTransport': 214, 'sixToFour': 215, 'gtp': 216, 'pdnEtherLoop1': 217, 'pdnEtherLoop2': 218, 'opticalChannelGroup': 219, 'homePna': 220, 'gfp': 221, 'ciscoSLvlan': 222, 'actelisMetaLOOP': 223, 'fcipLink': 224, 'rpr': 225, 'qam': 226, 'lmp': 227, 'cblVectaStar': 228, 'docsCableMCmtsDownstream': 229, 'adsl2': 230, 'macSecControlledIF': 231, 'macSecUncontrolledIF': 232, 'aviciOpticalEther': 233, 'atmbond': 234, 'voiceFGDOS': 235, 'mocaVersion1': 236, 'ieee80216WMAN': 237, 'adsl2plus':

238, 'dvbRcsMacLayer': 239, 'dvbTdm': 240, 'dvbRcsTdma': 241, 'x86Laps': 242, 'wwanPP': 243, 'wwanPP2': 244, 'voiceEBS': 245, 'ifPwType': 246, 'ilan': 247, 'pip': 248, 'aluELP': 249, 'gpon': 250, 'vdsl2': 251, 'capwapDot11Profile': 252, 'capwapDot11Bss': 253, 'capwapWtpVirtualRadio': 254, 'bits': 255, 'docsCableUpstreamRfPort': 256, 'cableDownstreamRfPort': 257, 'vmwareVirtualNic': 258, 'ieee802154': 259, 'otnOdu': 260, 'otnOtu': 261, 'ifVfiType': 262, 'g9981': 263, 'g9982': 264, 'g9983': 265, 'aluEpon': 266, 'aluEponOnu': 267, 'aluEponPhysicalUni': 268, 'aluEponLogicalLink': 269, 'aluGponOnu': 270, 'aluGponPhysicalUni': 271, 'vmwareNicTeam': 272, 'docsOfdmDownstream': 277, 'docsOfdmaUpstream': 278, 'gfast': 279, 'sdci': 280

Access: read-write

Status: current

28.1.4 onuifName

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.5

Description: Interface name

Syntax: String

Syntax details: (Size) 0 - 48

Access: read-write

Status: current

28.1.5 onuifAdminStatus

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.6

Description: Interface administrative state

Syntax: INTEGER

Syntax details: (Enumeration) 'up': 1, 'down': 2, 'testing': 3

Access: read-write

Status: current

28.1.6 onuifOperStatus

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.7

Description: Interface operational state

Syntax: INTEGER

Syntax details: (Enumeration) 'up': 1, 'down': 2, 'testing': 3, 'unknown': 4, 'dormant': 5, 'notPresent': 6, 'lowerLayerDown': 7

Access: read-write

Status: current

28.1.7 onulfStatisticsInOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.8

Description: Ethernet UNI input octets

Syntax: Counter64

Access: read-only

Status: current

28.1.8 onulfStatisticsInUcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.9

Description: Ethernet UNI input unicast packets

Syntax: Counter64

Access: read-only

Status: current

28.1.9 onulfStatisticsInMulticastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.10

Description: Ethernet UNI input multicast packets

Syntax: Counter64

Access: read-only

Status: current

28.1.10 onulfStatisticsInBroadcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.11

Description: Ethernet UNI input broadcast packets

Syntax: Counter64

Access: read-only

Status: current

28.1.11 onulfStatisticsInDiscards

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.12

Description: Ethernet UNI input discarded packets

Syntax: Counter64

Access: read-only

Status: current

28.1.12 onulfStatisticsInErrors

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.13

Description: Ethernet UNI input packets with errors

Syntax: Counter64

Access: read-only

Status: current

28.1.13 onulfStatisticsInUnknownProtos

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.14

Description: Ethernet UNI input packets with unknown protocol

Syntax: Counter64

Access: read-only

Status: current

28.1.14 onulfStatisticsOutOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.15

Description: Ethernet UNI output octets

Syntax: Counter64

Access: read-only

Status: current

28.1.15 onulfStatisticsOutUcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.16

Description: Ethernet UNI output unicast packets

Syntax: Counter64

Access: read-only

Status: current

28.1.16 onulfStatisticsOutMulticastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.17

Description: Ethernet UNI output multicast packets

Syntax: Counter64

Access: read-only

Status: current

28.1.17 onulfStatisticsOutBroadcastPkts

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.18

Description: Ethernet UNI output broadcast packets

Syntax: Counter64

Access: read-only

Status: current

28.1.18 onulfStatisticsOutDiscards

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.19

Description: Ethernet UNI output discarded packets

Syntax: Counter64

Access: read-only

Status: current

28.1.19 onulfStatisticsOutErrors

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.20

Description: Ethernet UNI output packets with errors

Syntax: Counter64

Access: read-only

Status: current

28.1.20 onulfOnuPowerTx

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.21

Description: ONU Tx optical power

Syntax: String

Access: read-write

Status: current

28.1.21 onulfOnuPowerRx

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.22

Description: ONU Rx optical power

Syntax: String

Access: read-write

Status: current

28.1.22 onulfAlias

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.23

Description: Interface textual description

Syntax: String

Syntax details: (Size) 0 - 64

Access: read-only

Status: current

28.1.23 onulfStatisticsInBwUsage

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.24

Description: Ethernet UNI input bandwidth usage in bps

Syntax: Counter64

Access: read-only

Status: current

28.1.24 onulfStatisticsOutBwUsage

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.25

Description: Ethernet UNI output bandwidth usage in bps

Syntax: Counter64

Access: read-only

Status: current

28.1.25 onuSysUpTime

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.26

Description: ONU system uptime

Syntax: TimeTicks

Access: read-only

Status: current

28.1.26 onuGemInOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.27

Description: GEM input octets

Syntax: Counter64

Access: read-only

Status: current

28.1.27 onuGemInPackets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.28

Description: GEM input packets

Syntax: Counter64

Access: read-only

Status: current

28.1.28 onuGemOutOctets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.29

Description: GEM output octets

Syntax: Counter64

Access: read-only

Status: current

28.1.29 onuGemOutPackets

OID: 1.3.6.1.4.1.3709.3.6.2.1.1.30

Description: GEM output packets

Syntax: Counter64

Access: read-only

Status: current

29 TWAMP-MIB

MIB file: TWAMP-MIB.mib

This MIB file has the following root objects:

- **twampMIB**
 - **OID:** 1.3.6.1.4.1.3709.3.6.7
 - **Description:** The MIB for Datacom TWAMP sessions and statistics

29.1 twampSessionTable

OID: 1.3.6.1.4.1.3709.3.6.7.1

Description: A table that contains all information about all TWAMP Sessions, indexed by the Session ID.

Syntax: SEQUENCE OF twampSessionEntry (OID: 1.3.6.1.4.1.3709.3.6.7.1.1)

Access: not-accessible

Status: current

29.1.1 twampSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.1.2 twampSessionDuration

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.2

Description: The duration of a TWAMP session

Syntax: Unsigned32

Syntax details: (Range) 0 - 4294967295

Access: read-only

Status: current

29.1.3 twampSessionInterval

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.3

Description: The TWAMP session timeout

Syntax: Unsigned32

Syntax details: (Range) 0 - 4294967295

Access: read-only

Status: current

29.1.4 twampSessionState

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.4

Description: Identifies whether the session is active or inactive

Syntax: INTEGER

Syntax details: (Enumeration) 'inactive': 0, 'active': 1

Access: read-only

Status: current

29.1.5 twampSessionSrcAddr

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.5

Description: Represents local IP

Syntax: InetAddress

Access: read-only

Status: current

29.1.6 twampSessionDstAddr

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.6

Description: Represents the remote IP

Syntax: InetAddress

Access: read-only

Status: current

29.1.7 twampSessionDstPort

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.7

Description: Represents the destination port on the reflector side

Syntax: InetPortNumber

Access: read-only

Status: current

29.1.8 twampSessionPktSize

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.8

Description: Represents the size of the packet

Syntax: Unsigned32

Syntax details: (Range) 0 - 65535

Access: read-only

Status: current

29.1.9 twampSessionDSCP

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.9

Description: Represents the DSCP value used by TWAMP packets, ranging from 0 to 63.

Syntax: Unsigned32

Syntax details: (Range) 0 - 63

Access: read-only

Status: current

29.1.10 twampSessionTotalTests

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.10

Description: Represents the total of tests within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.1.11 twampSessionTotalTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.11

Description: Represents the total of transmitted packets

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.1.12 twampSessionTotalRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.12

Description: Represents the total of received packets

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.1.13 twampSessionDescription

OID: 1.3.6.1.4.1.3709.3.6.7.1.1.13

Description: Description of session

Syntax: DisplayString

Syntax details: (Size) 0 - 128

Access: read-only

Status: current

29.2 twampTestTable

OID: 1.3.6.1.4.1.3709.3.6.7.2

Description: A table that contains the two-way test results of each TWAMP session, indexed by the Session ID and Test index, respectively.

Syntax: SEQUENCE OF twampTestEntry (OID: 1.3.6.1.4.1.3709.3.6.7.2.1)

Access: not-accessible

Status: current

29.2.1 twampTestSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.2.2 twampTestIndex

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.2

Description: The table index of a TWAMP test within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.2.3 twampTestId

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.3

Description: The TWAMP test identifier within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.2.4 twampTestDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.4

Description: The minimum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.5 twampTestDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.5

Description: The maximum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.6 twampTestDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.6

Description: The average delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.7 twampTestJitterMin

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.7

Description: The minimum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.8 twampTestJitterMax

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.8

Description: The maximum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.9 twampTestJitterAvg

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.9

Description: The average Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.10 twampTestTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.10

Description: The number of packets sent during the test

Syntax: Unsigned32

Access: read-only

Status: current

29.2.11 twampTestRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.11

Description: The number of packets received during the test

Syntax: Unsigned32

Access: read-only

Status: current

29.2.12 twampTestLossRatio

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.12

Description: The percentage of packets lost during the test

Syntax: TwampTestLossRatio

Access: read-only

Status: current

29.2.13 twampTestConnectivity

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.13

Description: Identifies whether the test has connectivity with the reflector

Syntax: INTEGER

Syntax details: (Enumeration) 'no': 0, 'yes': 1

Access: read-only

Status: current

29.2.14 twampTestRoundTripDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.14

Description: The minimum round-trip delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.15 twampTestRoundTripDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.15

Description: The maximum round-trip delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.16 twampTestRoundTripDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.16

Description: The average round-trip delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.2.17 twampTestState

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.17

Description: Identifies the state of test

Syntax: INTEGER

Syntax details: (Enumeration) 'unknown': 0, 'running': 1, 'last-run-fail': 2, 'last-run-success': 3

Access: read-only

Status: current

29.2.18 twampTestDescription

OID: 1.3.6.1.4.1.3709.3.6.7.2.1.18

Description: Description of test session

Syntax: DisplayString

Syntax details: (Size) 0 - 128

Access: read-only

Status: current

29.3 twampFarEndTestTable

OID: 1.3.6.1.4.1.3709.3.6.7.3

Description: A table that contains the far-end test results of each TWAMP session, indexed by the Session ID and Test index, respectively.

Syntax: SEQUENCE OF twampFarEndTestEntry (OID: 1.3.6.1.4.1.3709.3.6.7.3.1)

Access: not-accessible

Status: current

29.3.1 twampFarEndTestSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.3.2 twampFarEndTestIndex

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.2

Description: The table index of a TWAMP test within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.3.3 twampFarEndTestId

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.3

Description: The TWAMP test identifier within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.3.4 twampFarEndTestDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.4

Description: The minimum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.3.5 twampFarEndTestDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.5

Description: The maximum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.3.6 twampFarEndTestDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.6

Description: The average delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.3.7 twampFarEndTestJitterMin

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.7

Description: The minimum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.3.8 twampFarEndTestJitterMax

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.8

Description: The maximum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.3.9 twampFarEndTestJitterAvg

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.9

Description: The average Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.3.10 twampFarEndTestTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.10

Description: The number of packets sent during the test

Syntax: Unsigned32

Access: read-only

Status: current

29.3.11 twampFarEndTestRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.11

Description: The number of packets received during the test

Syntax: Unsigned32

Access: read-only

Status: current

29.3.12 twampFarEndTestLossRatio

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.12

Description: The percentage of packets lost during the test

Syntax: TwampTestLossRatio

Access: read-only

Status: current

29.3.13 twampFarEndTestConnectivity

OID: 1.3.6.1.4.1.3709.3.6.7.3.1.13

Description: Identifies whether the test has connectivity with the reflector

Syntax: INTEGER

Syntax details: (Enumeration) 'no': 0, 'yes': 1

Access: read-only

Status: current

29.4 twampNearEndTestTable

OID: 1.3.6.1.4.1.3709.3.6.7.4

Description: A table that contains the near-end test results of each TWAMP session, indexed by the Session ID and Test index, respectively.

Syntax: SEQUENCE OF twampNearEndTestEntry (OID: 1.3.6.1.4.1.3709.3.6.7.4.1)

Access: not-accessible

Status: current

29.4.1 twampNearEndTestSessionId

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.1

Description: The TWAMP session identifier

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.4.2 twampNearEndTestIndex

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.2

Description: The table index of a TWAMP test within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.4.3 twampNearEndTestId

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.3

Description: The TWAMP test identifier within the session

Syntax: Unsigned32

Syntax details: (Range) 1 - 4294967295

Access: read-only

Status: current

29.4.4 twampNearEndTestDelayMin

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.4

Description: The minimum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.4.5 twampNearEndTestDelayMax

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.5

Description: The maximum delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.4.6 twampNearEndTestDelayAvg

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.6

Description: The average delay value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.4.7 twampNearEndTestJitterMin

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.7

Description: The minimum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.4.8 twampNearEndTestJitterMax

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.8

Description: The maximum Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.4.9 twampNearEndTestJitterAvg

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.9

Description: The average Jitter value identified during the test

Syntax: TwampMeasure

Access: read-only

Status: current

29.4.10 twampNearEndTestTxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.10

Description: The number of packets sent during the test

Syntax: Unsigned32

Access: read-only

Status: current

29.4.11 twampNearEndTestRxPkts

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.11

Description: The number of packets received during the test

Syntax: Unsigned32

Access: read-only

Status: current

29.4.12 twampNearEndTestLossRatio

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.12

Description: The percentage of packets lost during the test

Syntax: TwampTestLossRatio

Access: read-only

Status: current

29.4.13 twampNearEndTestConnectivity

OID: 1.3.6.1.4.1.3709.3.6.7.4.1.13

Description: Identifies whether the test has connectivity with the reflector

Syntax: INTEGER

Syntax details: (Enumeration) 'no': 0, 'yes': 1

Access: read-only

Status: current

Legal Note

In spite the fact that all the precautions were taken in development of the present document, DATACOM shall not be held responsible for eventual errors or omissions as well as no obligation is assumed due to damages resulting from the use of the information included in this guide. The specifications provided in this manual shall be subject to changes with no prior notification and are not acknowledged as any type of contract.

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DATACOM's products are covered by a warranty against manufacturing defects during a minimum period of 12 (twelve) months including the legal term of 90 days, as from the date of issue of the supply Nota Fiscal (Invoice).

Our warranty is standard counter warranty, this means, for exercise of the warranty, the customer should send the product to DATACOM Authorized Technical Assistance with paid freight. The return freight of the equipment will be DATACOM responsibility.

To obtain additional information, see our warranty policy in <https://www.datacom.com.br/en>.

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