

MIB Definition For Cisco Optical Network Controller

The MIB for Cisco Optical Network Controller traps includes a set of SNMP objects that represent various attributes of alarms and events generated by the system.

Note Each Cisco Optical Network Controller-generated trap is postfixed with an Event ID, which corresponds to the `cenAlarmIndex` in the MIB definition. This Event ID is a monotonically increasing signed 64-bit integer used solely for indexing attributes in the `ciscoEpmNotificationMIBObjects`. When the maximum value is reached, it wraps back to 1.

SNMPvarbind	Data Type	OID
cenAlarmVersion	SnmpAdminString	1.3.6.1.4.9.9
cenAlarmTimestamp	Timestamp	1.3.6.1.4.9.9
cenAlarmUpdatedTimestamp	Timestamp	.1.3.6.1.4.9.
cenAlarmInstanceID	SnmpAdminString	1.3.6.1.4.9.9
cenAlarmStatus	Integer	1.3.6.1.4.9.9
cenAlarmStatusDefinition	SnmpAdminString	1.3.6.1.4.9.9

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SNMPvarbind	Data Type	OID
cenAlarmType	Integer	.1.3.6.1.4.9.9.31
cenAlarmCategory	Integer	.1.3.6.1.4.9.9.31
cenAlarmCategoryDefinition	SnmpAdminString	.1.3.6.1.4.9.9.31
cenAlarmServerAddressType	InetAddressType	.1.3.6.1.4.9.9.31
cenAlarmServerAddress	cenAlarmServerAddress	.1.3.6.1.4.9.9.31
cenAlarmManagedObjectClass	SnmpAdminString	.1.3.6.1.4.9.9.31
cenAlarmManagedObjectAddressType	InetAddressType	.1.3.6.1.4.9.9.31
cenAlarmManagedObjectAddress	InetAddress	.1.3.6.1.4.9.9.31
cenAlarmDescription	OctetString	.1.3.6.1.4.9.9.31
cenAlarmSeverity	Integer	.1.3.6.1.4.9.9.31
cenAlarmSeverityDefinition	SnmpAdminString	.1.3.6.1.4.9.9.31
cenAlarmTriageValue	Integer	.1.3.6.1.4.9.9.31

SNMPvarbind	Data Type	OID
cenEventIDList	OctetString	.1.3.6.1.4.9.
cenUserMessage1	SnmpAdminString	.1.3.6.1.4.9.
cenUserMessage2	SnmpAdminString	.1.3.6.1.4.9.
cenUserMessage3	SnmpAdminString	.1.3.6.1.4.9.
cenAlarmMode	Integer	.1.3.6.1.4.9.
cenPartitionNumber	Integer	.1.3.6.1.4.9.

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SNMPvarbind	Data Type	OID
cenPartitionName	SnmpAdminString	.1.3.6.1.4.9.9.31
cenCustomerIdentification	SnmpAdminString	.1.3.6.1.4.9.9.31
cenCustomerRevision	SnmpAdminString	.1.3.6.1.4.9.9.31
cenAlertID	SnmpAdminString	.1.3.6.1.4.9.9.31