APPENDIX D

CISCO-EPM-NOTIFICATION-MIB

This appendix contains the CISCO-EPM-NOTIFICATION-MIB.

Note

The CISCO-EPM-NOTIFICATION-MIB might be found at the following locations:

$({MWTM_INSTALL_BASEDIR})/apache/share/htdocs/mibs/CISCO-EP-NOTIFICATION-MIB.my


-- *************************************************************
-- CISCO EPM NOTIFICATION MIB
-- MARCH 2002, Tara Jagannathan, John Ahlstrom
--
-- Copyright (c) 2002, 2003, 2004 by Cisco Systems, Inc.
-- All rights reserved.
-- *************************************************************

CISCO-EPM-NOTIFICATION-MIB DEFINITIONS ::= BEGIN

IMPORTS

MODULE-IDENTITY,
NOTIFICATION-TYPE,
Integer32,
Unsigned32,
OBJECT-TYPE        FROM SNMPv2-SMI
MODULE-COMPLIANCE,
NOTIFICATION-GROUP,
OBJECT-GROUP        FROM SNMPv2-CONF
TimeStamp          FROM SNMPv2-TC
SnmpAdminString    FROM SNMP-FRAMEWORK-MIB
InetAddressType,
InetAddress        FROM INET-ADDRESS-MIB
ciscoMgmt          FROM CISCO-SMI
;

ciscoEpmNotificationMIB MODULE-IDENTITY
LAST-UPDATED "200406070000Z"
ORGANIZATION "Cisco Systems, Inc."
CONTACT-INFO "Cisco Systems
Customer Service
Postal: 170 W Tasman Drive
San Jose, CA 95134"
DESCRIPTION
"Notifications directly from hardware and software and processed notifications from various management applications can be further processed and forwarded by still other management applications to indicate the status of devices and software (managed objects). The status of these managed objects can be reported by traps.

The CISCO-EPM-NOTIFICATION-MIB contains the trap structure which carries the identity and status info of the managed object as analyzed by such an event processor. It is not possible for receivers of these traps to query the mib objects.

A unique but optional feature of the application generating the trap defined in this mib is the ability to contain multiple partitions in the same system running the application. A 'Partition' is a logical grouping of a set of managed devices. These devices can belong to only one partition at any given time. The trap structure will contain information on the exact partition number and the partition name of the device where it resides.

The need for trap generation is to enable multiple management applications in the network to have a consolidated view of the whole network of Cisco and non-Cisco devices."

REVISION "200406070000Z"
DESCRIPTION
"Updated the cenAlarmEntry to include new attributes. The new attributes carries information that adds more value to the already existing trap structure.

The Management application computes events for a device via polling snmp mib objects on the device and/or by listening to SNMP Traps. Multiple events on a single device roll up into what is called an Alert - there can be only one alert for a given device at any given time. The objects contained in the cenAlarmEntry are the same for both Alert and Event based notification. The attribute cenAlarmMode added in this revision of the mib can be used to distinguish between the Alert based and event based notification.

In case of event based notification, the cenAlertID would contain the alert id, as computed by the management system, to which the generated event has been rolled up.

Traps generated from systems that support multiple Partition, the cenPartitionNumber and cenPartitionName attributes will carry the exact partition details of the device for which the trap is generated.

Through the management application user interface, the user can customize few attributes of the trap structure. Two attributes included in this mib revision that allows the user to customize each trap sent out are cenCustomerIdentification and cenCustomerRevision.

ciscoEpmNotificationObjectsGroup, ciscoEpmNotificationAlarm, and ciscoEpmNotificationMIBCompliance have been deprecated in this revision.

ciscoEpmNotificationAlarmRev1,
Appendix D  CISCO-EPM-NOTIFICATION-MIB

ciscoEpmNotificationAlarmGroupRev1,
ciscoEpmNotificationMIBComplianceRev1,
and ciscoEpmNotificationObjectsGroupRev1 have been newly created
in this revision."

REVISION  "200308210000Z"
DESCRIPTION
"Included imports for Integer32, Unsigned32, and
NOTIFICATION-GROUP."

REVISION  "200207281420Z"
DESCRIPTION
"Initial version of this MIB."
::= { ciscoMgmt 311 }

-- MIB Object Definitions

ciscoEpmNotificationMIBNotifs OBJECT IDENTIFIER
::= { ciscoEpmNotificationMIB 0 }
ciscoEpmNotificationMIBObjects OBJECT IDENTIFIER
::= { ciscoEpmNotificationMIB 1 }
ciscoEpmNotificationMIBConform OBJECT IDENTIFIER
::= { ciscoEpmNotificationMIB 2 }
cenAlarmData OBJECT IDENTIFIER
::= { ciscoEpmNotificationMIBObjects 1 }
cenAlarmTableMaxLength OBJECT-TYPE
SYNTAX              Unsigned32 ( 1..4294967295 )
MAX-ACCESS          read-write
STATUS              current
DESCRIPTION
"Maximum number of entries permissible in the cenAlarmTable."
DEFVAL { 1 }
::= { cenAlarmData 1 }
cenAlarmTable OBJECT-TYPE
SYNTAX              SEQUENCE OF CenAlarmEntry
MAX-ACCESS          not-accessible
STATUS              current
DESCRIPTION
"A table containing the device identification and
alarm value. The maximum number of entries permissible
in this table is defined by cenAlarmTableMaxLength. When
the number of entries in the table reaches the maximum
limit, the next entry would replace the oldest existing
entry in the table."
::= { cenAlarmData 2 }
cenAlarmEntry OBJECT-TYPE
SYNTAX           CenAlarmEntry
MAX-ACCESS       not-accessible
STATUS           current
DESCRIPTION
"The information regarding a single device status alarm.
An entry is created when an alarm is processed."
INDEX            { cenAlarmIndex }
::= { cenAlarmTable 1 }

CenAlarmEntry ::= SEQUENCE  {
    cenAlarmIndex                       Unsigned32,
    cenAlarmVersion                     SnmpAdminString,
cenAlarmTimestamp      OBJECT-TYPE
   SYNTAX         TimeStamp,
   MAX-ACCESS     read-only
   STATUS         current
   DESCRIPTION   "The time when the alarm was raised."
   ::= { cenAlarmEntry 3 }

cenAlarmSeverity       OBJECT-TYPE
   SYNTAX            SnmpAdminString (SIZE(1..16))
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The severity of the alarm."
   ::= { cenAlarmEntry 4 }

cenAlarmSeverityDefinition OBJECT-TYPE
   SYNTAX            SnmpAdminString (SIZE(1..16))
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The description of the severity level."
   ::= { cenAlarmEntry 5 }

cenUserMessage1        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 1."
   ::= { cenAlarmEntry 6 }

cenUserMessage2        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 2."
   ::= { cenAlarmEntry 7 }

cenUserMessage3        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 3."
   ::= { cenAlarmEntry 8 }

cenUserMessage4        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 4."
   ::= { cenAlarmEntry 9 }

cenUserMessage5        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 5."
   ::= { cenAlarmEntry 10 }

cenUserMessage6        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 6."
   ::= { cenAlarmEntry 11 }

cenUserMessage7        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 7."
   ::= { cenAlarmEntry 12 }

cenUserMessage8        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "User-defined message for alarm 8."
   ::= { cenAlarmEntry 13 }

cenCustomerIdentification OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The identification of the customer."
   ::= { cenAlarmEntry 14 }

cenCustomerRevision OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The revision of the customer."
   ::= { cenAlarmEntry 15 }

cenAlarmMode            OBJECT-TYPE
   SYNTAX            INTEGER
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The current mode of the alarm."
   ::= { cenAlarmEntry 16 }

cenPartitionNumber      OBJECT-TYPE
   SYNTAX            Unsigned32
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The partition number of this alarm entry."
   ::= { cenAlarmEntry 17 }

cenPartitionName        OBJECT-TYPE
   SYNTAX            SnmpAdminString
   MAX-ACCESS       read-only
   STATUS           current
   DESCRIPTION     "The partition name of this alarm entry."
   ::= { cenAlarmEntry 18 }

-- Alarm attributes

cenAlarmIndex    OBJECT-TYPE
   SYNTAX        Unsigned32 (1..4294967295)
   MAX-ACCESS   not-accessible
   STATUS       current
   DESCRIPTION "A monotonically increasing integer for the sole
purpose of indexing the attributes in
ciscoEpmNotificationMIBObjects. When the maximum value is
reached, this value wraps back to 1."
   ::= { cenAlarmEntry 1 }

cenAlarmVersion   OBJECT-TYPE
   SYNTAX        SnmpAdminString (SIZE(1..16))
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The release version of this MIB. The version string will
be of the form <major version>.<minorversion>."
   ::= { cenAlarmEntry 2 }

cenAlarmSeverityDefinition   OBJECT-TYPE
   SYNTAX        SnmpAdminString (SIZE(1..16))
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The description of the severity level."
   ::= { cenAlarmEntry 5 }

cenUserMessage1   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 1."
   ::= { cenAlarmEntry 6 }

cenUserMessage2   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 2."
   ::= { cenAlarmEntry 7 }

cenUserMessage3   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 3."
   ::= { cenAlarmEntry 8 }

cenUserMessage4   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 4."
   ::= { cenAlarmEntry 9 }

cenUserMessage5   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 5."
   ::= { cenAlarmEntry 10 }

cenUserMessage6   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 6."
   ::= { cenAlarmEntry 11 }

cenUserMessage7   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 7."
   ::= { cenAlarmEntry 12 }

cenUserMessage8   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "User-defined message for alarm 8."
   ::= { cenAlarmEntry 13 }

cenCustomerIdentification   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The identification of the customer."
   ::= { cenAlarmEntry 14 }

cenCustomerRevision   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The revision of the customer."
   ::= { cenAlarmEntry 15 }

cenAlarmMode   OBJECT-TYPE
   SYNTAX        INTEGER
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The current mode of the alarm."
   ::= { cenAlarmEntry 16 }

cenPartitionNumber   OBJECT-TYPE
   SYNTAX        Unsigned32
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The partition number of this alarm entry."
   ::= { cenAlarmEntry 17 }

cenPartitionName   OBJECT-TYPE
   SYNTAX        SnmpAdminString
   MAX-ACCESS    read-only
   STATUS        current
   DESCRIPTION   "The partition name of this alarm entry."
   ::= { cenAlarmEntry 18 }
"Alarms persist over time and can have their field(s) change values. The last time a field(s) changed, this alarm is updated. The updated time denotes this time. Each alarm is identified by the unique alarm instance id, cenAlarmInstanceID."

::= { cenAlarmEntry 4 }

cenAlarmInstanceID OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..20))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The Unique Alarm Instance ID."

::= { cenAlarmEntry 5 }

cenAlarmStatus OBJECT-TYPE
SYNTAX Integer32 (1..250)
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The alarm status indicates the status of the alarm in integer value."

::= { cenAlarmEntry 6 }

cenAlarmStatusDefinition OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..255))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The short description of the status of the alarm. The string is formatted in 'integer,alarmStatus description' tuples. The integer value is the same value that the 'cenAlarmStatus' attribute holds. alarmStatus description contains one line description of the alarm status generated."

::= { cenAlarmEntry 7 }

cenAlarmType OBJECT-TYPE
SYNTAX INTEGER { unknown(1),
            direct(2),
            indirect(3),
            mixed(4)
            }
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"unknown: When the value for this attribute could not be determined.
direct: Denotes an alarm generated by a set of events where all events are reported by an observation(s) of a managed object.
indirect: Denotes an alarm generated by a set of events where all events were deduced or inferred by the status of managed objects as determined by the network management system.
mixed: Denotes an alarm generated by a set of events which were either direct or indirect."

::= { cenAlarmEntry 8 }

cenAlarmCategory OBJECT-TYPE
SYNTAX Integer32 (1..250)
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The category of the alarm generated represented in integer value."
::= { cenAlarmEntry 9 }

cenAlarmCategoryDefinition OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..255))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The short description of the category of the alarm generated. The String is formatted in '<integer>,<alarmCategory description>' tuples. The <integer> value is the same value that the 'cenAlarmCategory' attribute holds. <alarmCategory description> contains one line description of the alarm category generated."
::= { cenAlarmEntry 10 }

cenAlarmServerAddressType OBJECT-TYPE
SYNTAX InetAddressType
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The type of Internet address by which the server is reachable. The Server is the server that is generating this trap."
::= { cenAlarmEntry 11 }

cenAlarmServerAddress OBJECT-TYPE
SYNTAX InetAddress
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The IP Address or the DNS name of the Management Server that raised this alarm to be notified."
::= { cenAlarmEntry 12 }

cenAlarmManagedObjectClass OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..255))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The class of the managed object for which this alarm was generated. For example, Router, Switch, GateKeeper and VoicePort."
::= { cenAlarmEntry 13 }

cenAlarmManagedObjectAddressType OBJECT-TYPE
SYNTAX InetAddressType
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The type of Internet address by which the managed object is reachable."
::= { cenAlarmEntry 14 }

cenAlarmManagedObjectAddress OBJECT-TYPE
SYNTAX InetAddress
MAX-ACCESS read-only
STATUS current
DESCRIPTION
"The IP Address or the DNS name of the Managed Object."
::= { cenAlarmEntry 15 }
Appendix D  CISCO-EPM-NOTIFICATION-MIB

cenAlarmDescription OBJECT-TYPE
SYNTAX OCTET STRING (SIZE(1..1024))
MAX-ACCESS read-only
STATUS current
DESCRIPTION "A detailed description of the alarm."
::= { cenAlarmEntry 16 }

cenAlarmSeverity OBJECT-TYPE
SYNTAX Integer32 (0..100)
MAX-ACCESS read-only
STATUS current
DESCRIPTION "The alarm severity indicates the severity of the alarm in integer value."
::= { cenAlarmEntry 17 }

cenAlarmSeverityDefinition OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..255))
MAX-ACCESS read-only
STATUS current
DESCRIPTION "The short description of the severity of the alarm generated. The String is formatted in '<integer>,<alarmSeverity description>' tuples. The <integer> value is the same value that the 'cenAlarmSeverity' attribute holds. <alarmSeverity description> contains one line description of the alarm severity generated."
::= { cenAlarmEntry 18 }

cenAlarmTriageValue OBJECT-TYPE
SYNTAX Integer32(0..100)
MAX-ACCESS read-only
STATUS current
DESCRIPTION "The triage value of an alarm is a hierarchical weighting value (applied by the application, and more importantly customizable by the end user) to allow an artificial form of evaluating impact, interest, or other user-determined functions between alarms. The value is a positive number or zero where zero denotes an undetermined or uncomputable value."
::= { cenAlarmEntry 19 }

cenEventIDList OBJECT-TYPE
SYNTAX OCTET STRING (SIZE(1..1024))
MAX-ACCESS read-only
STATUS current
DESCRIPTION "Comma separated list of the Unique Event identifiers that led to the generation of this Alarm."
::= { cenAlarmEntry 20 }

cenUserMessage1 OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..255))
MAX-ACCESS read-only
STATUS current
DESCRIPTION "User input message. This value can be configured."
::= { cenAlarmEntry 21 }

cenUserMessage2 OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE(1..255))
MAX-ACCESS read-only
STATUS current
Appendix D  CISCO-EPM-NOTIFICATION-MIB

cenUserMessage3 OBJECT-TYPE
SYNTAX        SnmpAdminString (SIZE(1..255))
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION   "User input message. This value can be configured."
 ::= { cenAlarmEntry 22 }

cenAlarmMode OBJECT-TYPE
SYNTAX        INTEGER  { unknown(1), alert(2), event(3) }
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION   "unknown: When the value for this attribute could not be
determined.  
alert: Denotes an alarm generated by a set of events where
all events are reported by polling of managed
objects and/or listening to SNMP notifications.
event: Denotes an event generated by polling of managed
objects and/or listening to SNMP notifications."
 ::= { cenAlarmEntry 23 }

cenPartitionNumber OBJECT-TYPE
SYNTAX        Unsigned32(0..100)
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION   "In traps generated by the management application that support
multiple partitions, the attribute will carry the integer
value assigned to identify the logical group where the managed
device resides."
 ::= { cenAlarmEntry 24 }

cenPartitionName OBJECT-TYPE
SYNTAX        SnmpAdminString (SIZE(1..255))
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION   "In traps generated by the management application that support
multiple partitions, the attribute will carry the name
assigned to identify the logical group where the managed
device resides."
 ::= { cenAlarmEntry 25 }

cenCustomerIdentification OBJECT-TYPE
SYNTAX        SnmpAdminString (SIZE(1..255))
MAX-ACCESS    read-only
STATUS        current
DESCRIPTION   "User input message. The attribute takes in a free format
text. This attribute can be used by advanced management
applications to sort responses from the fault management
server."
 ::= { cenAlarmEntry 26 }

cenCustomerRevision OBJECT-TYPE
SYNTAX          SnmpAdminString (SIZE(1..255))
MAX-ACCESS      read-only
STATUS          current
DESCRIPTION
"User input message. The attribute takes in a free format
text. This attribute can be used by advanced management
applications to sort responses from the fault management
server."
::= { cenAlarmEntry 28 }

cenAlertID     OBJECT-TYPE
SYNTAX          SnmpAdminString (SIZE(1..20))
MAX-ACCESS      read-only
STATUS          current
DESCRIPTION
"In event based notification, this attribute will contain the
alert id to which the generated event has been rolled up
to. In alert based notification, the cenAlarmInstanceId and
cenAlertID would be identical."
::= { cenAlarmEntry 29 }
ciscoEpmNotificationAlarm    NOTIFICATION-TYPE
OBJECTS  {
  cenAlarmVersion,
  cenAlarmTimestamp,
  cenAlarmUpdatedTimestamp,
  cenAlarmInstanceID,
  cenAlarmStatus,
  cenAlarmStatusDefinition,
  cenAlarmType,
  cenAlarmCategory,
  cenAlarmCategoryDefinition,
  cenAlarmServerAddressType,
  cenAlarmServerAddress,
  cenAlarmManagedObjectClass,
  cenAlarmManagedObjectAddressType,
  cenAlarmManagedObjectAddress,
  cenAlarmDescription,
  cenAlarmSeverity,
  cenAlarmSeverityDefinition,
  cenAlarmTriageValue,
  cenEventIDList,
  cenUserMessage1,
  cenUserMessage2,
  cenUserMessage3
}
STATUS           deprecated
DESCRIPTION
"Notification of the status of the managed object as
generated by the management server.

New attributes are added to the ciscoEpmNotificationAlarmRev1.
Hence this notification is deprecated."
::= { ciscoEpmNotificationMIBNotifs 1 }
ciscoEpmNotificationAlarmRev1    NOTIFICATION-TYPE
OBJECTS  {
  cenAlarmVersion,
  cenAlarmTimestamp,
  cenAlarmUpdatedTimestamp,
  cenAlarmInstanceID,
  cenAlarmStatus,
  cenAlarmStatusDefinition,
  cenAlarmType,
cenAlarmCategory,  
cenAlarmCategoryDefinition,  
cenAlarmServerAddressType,  
cenAlarmServerAddress,  
cenAlarmManagedObjectClass,  
cenAlarmManagedObjectAddressType,  
cenAlarmManagedObjectAddress,  
cenAlarmDescription,  
cenAlarmSeverity,  
cenAlarmSeverityDefinition,  
cenAlarmTriageValue,  
cenEventIDList,  
cenUserMessage1,  
cenUserMessage2,  
cenUserMessage3,  
cenAlarmMode,  
cenPartitionNumber,  
cenPartitionName,  
cenCustomerIdentification,  
cenCustomerRevision,  
cenAlertID

} STATUS current
DESCRIPTION
"Notification of the status of the managed object as
generated by the management server."
::= { ciscoEpmNotificationMIBNotifs 2 } -- Conformance information
ciscoEpmNotificationMIBCompliances OBJECT IDENTIFIER ::= { ciscoEpmNotificationMIBConform 1 }
ciscoEpmNotificationMIBGroups OBJECT IDENTIFIER ::= { ciscoEpmNotificationMIBConform 2 } -- Compliance
ciscoEpmNotificationMIBCompliance MODULE-COMPLIANCE STATUS deprecated
DESCRIPTION
"The compliance statement for entities which
implement the CISCO-EPM-NOTIFICATION-MIB.

New attributes are included in
 ciscoEpmNotificationMIBComplianceRev1. Hence this object is
deprecated."
MODULE -- this module
MANDATORY-GROUPS {
  ciscoEpmNotificationObjectsGroup,
  ciscoEpmNotificationAlarmGroup
}

GROUP ciscoEpmAlarmConfigGroup
DESCRIPTION
"This group is optional."

OBJECT cenAlarmTableMaxLength
MIN-ACCESS read-only
DESCRIPTION
"Write access is not required."

OBJECT cenAlarmVersion
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmTimestamp
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmUpdatedTimestamp
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmInstanceID
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmStatus
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmStatusDefinition
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmType
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmCategory
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmCategoryDefinition
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmServerAddressType
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmServerAddress
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmManagedObjectClass
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmManagedObjectAddressType
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmManagedObjectAddress
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmDescription
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmSeverity
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmSeverityDefinition
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmTriageValue
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenEventIDList
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenUserMessage1
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenUserMessage2
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenUserMessage3
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

::= { ciscoEpmNotificationMIBCompliances 1 }
ciscoEpmNotificationMIBComplianceRev1 MODULE-COMPLIANCE
STATUS current
DESCRIPTION
"The compliance statement for entities which implement the CISCO-EPM-NOTIFICATION-MIB."
MODULE -- this module
MANDATORY-GROUPS {
ciscoEpmNotificationObjectsGroupRev1,
ciscoEpmNotificationAlarmGroupRev1
}

GROUP ciscoEpmAlarmConfigGroup
DESCRIPTION
"This group is optional."

OBJECT cenAlarmTableMaxLength
MIN-ACCESS read-only
DESCRIPTION
"Write access is not required."
OBJECT cenAlarmVersion
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmTimestamp
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmUpdatedTimestamp
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmInstanceID
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmStatus
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmStatusDefinition
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmType
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmCategory
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmCategoryDefinition
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmServerAddressType
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmServerAddress
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmManagedObjectClass
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmManagedObjectAddressType
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmManagedObjectAddress
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."
"Read access is not required."

OBJECT cenAlarmManagedObjectAddress
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmDescription
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmSeverity
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmSeverityDefinition
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmTriageValue
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenEventIDList
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenUserMessage1
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenUserMessage2
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenUserMessage3
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlarmMode
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenPartitionNumber
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenPartitionName
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenCustomerIdentification
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."
DESCRIPTION
"Read access is not required."

OBJECT cenCustomerRevision
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

OBJECT cenAlertID
MIN-ACCESS accessible-for-notify
DESCRIPTION
"Read access is not required."

::= { ciscoEpmNotificationMIBCompliance 2 }

-- Units of Conformance

ciscoEpmNotificationAlarmGroup NOTIFICATION-GROUP
NOTIFICATIONS {
ciscoEpmNotificationAlarm
}
STATUS      deprecated
DESCRIPTION
"The collection of notifications used to indicate managed
object status.
ciscoEpmNotificationAlarmGroupRev1 is defined. Hence this
object is deprecated."
::= { ciscoEpmNotificationMIBGroups 1 }

ciscoEpmNotificationObjectsGroup OBJECT-GROUP
OBJECTS {
cenAlarmVersion,
cenAlarmTimestamp,
cenAlarmUpdatedTimestamp,
cenAlarmInstanceID,
cenAlarmStatus,
cenAlarmStatusDefinition,
cenAlarmType,
cenAlarmCategory,
cenAlarmCategoryDefinition,
cenAlarmServerAddressType,
cenAlarmServerAddress,
cenAlarmManagedObjectClass,
cenAlarmManagedObjectAddressType,
cenAlarmManagedObjectAddress,
cenAlarmDescription,
cenAlarmSeverity,
cenAlarmSeverityDefinition,
cenAlarmTriageValue,
cenEventIDList,
cenUserMessage1,
cenUserMessage2,
cenUserMessage3
}
STATUS      deprecated
DESCRIPTION
"Trap reflecting the alarm.
New attributes are added to the new notification
ciscoEpmNotificationObjectsGroupRev1. Hence
this object is deprecated."
::= { ciscoEpmNotificationMIBGroups 2 }
ciscoEpmAlarmConfigGroup  OBJECT-GROUP
OBJECTS {  cenAlarmTableMaxLength }
STATUS   current
DESCRIPTION
"A collection of objects providing information about the total number of cenAlarmTable entries maintained."
::= { ciscoEpmNotificationMIBGroups  3 }

ciscoEpmNotificationAlarmGroupRev1 NOTIFICATION-GROUP
NOTIFICATIONS {
  ciscoEpmNotificationAlarmRev1
}
STATUS   current
DESCRIPTION
"The collection of notifications used to indicate managed object status."
::= { ciscoEpmNotificationMIBGroups  4 }

ciscoEpmNotificationObjectsGroupRev1 OBJECT-GROUP
OBJECTS {
  cenAlarmVersion,
  cenAlarmTimestamp,
  cenAlarmUpdatedTimestamp,
  cenAlarmInstanceID,
  cenAlarmStatus,
  cenAlarmStatusDefinition,
  cenAlarmType,
  cenAlarmCategory,
  cenAlarmCategoryDefinition,
  cenAlarmServerAddressType,
  cenAlarmServerAddress,
  cenAlarmManagedObjectClass,
  cenAlarmManagedObjectAddressType,
  cenAlarmManagedObjectAddress,
  cenAlarmDescription,
  cenAlarmSeverity,
  cenAlarmSeverityDefinition,
  cenAlarmTriageValue,
  cenEventIDList,
  cenUserMessage1,
  cenUserMessage2,
  cenUserMessage3,
  cenAlarmMode,
  cenPartitionNumber,
  cenPartitionName,
  cenCustomerIdentification,
  cenCustomerRevision,
  cenAlertID
}
STATUS   current
DESCRIPTION
"Notification reflecting the alarm."
::= { ciscoEpmNotificationMIBGroups  5 }

END