



Cisco Enterprise Structure of Management Information

Introduction

This chapter provides a set of objects used for the structure of management information for the Cisco enterprise and consists of new object identifier definition (OID) assignments for Cisco REPEATER MIB and others.

Cisco Structured Management Information MIBs

ciscoProducts OBJECT-IDENTITY

STATUS current

DESCRIPTION

ciscoProducts is the root OBJECT IDENTIFIER from which sysObjectID values are assigned. Actual values are defined in CISCO-PRODUCTS-MIB.

::= { cisco 1 }

local OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

“Subtree beneath which pre-10.2 MIBS were built.”

::= { cisco 2 }

temporary OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

Subtree beneath which pre-10.2 experiments were placed.

::= { cisco 3 }

pakmon OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

Reserved for pakmon

::= { cisco 4 }

workgroup OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

“subtree reserved for use by the Workgroup Business Unit.

::= { cisco 5 }

otherEnterprises OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

This provides a root object identifier from which mibs produced by other companies may be placed. MIBs produced by other enterprises are typically implemented with the object identifiers as defined in the MIB, but if the MIB is deemed to be uncontrolled, we may reroot the mib at this subtree in order to have a controlled version.

::= { cisco 6 }

ciscoAgentCapability OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoAgentCapability provides a root object identifier from which AGENT-CAPABILITIES values may be assigned.

::= { cisco 7 }

ciscoConfig OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoConfig is the main subtree for configuration mibs.

::= { cisco 8 }

ciscoMgmt OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoMgmt is the main subtree for new mib development.

::= { cisco 9 }

ciscoExperiment OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoExperiment provides a root object identifier from which experimental mibs may be temporarily based. MIBs are typically based here if they fall in one of two categories

1. IETF work-in-process mibs which have not been assigned a permanent object identifier by the IANA.
2. Cisco work-in-process which has not been assigned a permanent object identifier by the cisco assigned number authority, typically because the mib is not ready for deployment.

**Note**

Support for mibs in the ciscoExperiment subtree will be deleted when a permanent object identifier assignment is made.

```
::= { cisco 10 }
```

ciscoAdmin OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoAdmin is reserved for administratively assigned OBJECT IDENTIFIERS, i.e. those not associated with MIB objects”

```
::= { cisco 11 }
```

ciscoModules OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoModules provides a root object identifier from which MODULE-IDENTITY values may be assigned.

```
::= { cisco 12 }
```

lightstream OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

subtree reserved for use by Lightstream

```
::= { cisco 13 }
```

ciscoworks OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoworks provides a root object identifier beneath which mibs applicable to the CiscoWorks family of network management products are defined.

```
::= { cisco 14 }
```

newport OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

subtree reserved for use by the former Newport Systems Solutions, now a portion of the Access Business Unit.

```
::= { cisco 15 }
```

ciscoPartnerProducts OBJECT-IDENTITY

STATUS current

DESCRIPTION

ciscoPartnerProducts is the root OBJECT IDENTIFIER from which partner sysObjectID values may be assigned. Such sysObjectID values are composed of the ciscoPartnerProducts prefix, followed by a single identifier that is unique for each partner, followed by the value of sysObjectID of the Cisco product from which partner product is derived.



Note

The chassisPartner MIB object defines the value of the identifier assigned to each partner.

```
::= { cisco 16 }
```

ciscoAdmin assignments

ciscoProxy OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoProxy OBJECT IDENTIFIERS are used to uniquely name party mib records created to proxy for SNMPv1.

```
::= { ciscoAdmin 1 }
```

```
ciscoPartyProxyOBJECT IDENTIFIER ::= { ciscoProxy 1 }
```

```
ciscoContextProxyOBJECT IDENTIFIER ::= { ciscoProxy 2 }
```

Administrative assignments for repeaters

ciscoRptrGroupObjectID OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

ciscoRptrGroupObjectID OBJECT IDENTIFIERS are used to uniquely identify groups of repeater ports for use by the SNMP-REPEATER-MIB (RFC 1516) rptrGroupObjectID object.

::= { ciscoAdmin 2 }

ciscoUnknownRptrGroup OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

The identity of an unknown repeater port group.

::= { ciscoRptrGroupObjectID 1 }

cisco2505RptrGroup OBJECT-IDENTITY

STATUS current

DESCRIPTION

The authoritative identity of the Cisco 2505 repeater port group.

::= { ciscoRptrGroupObjectID 2 }

cisco2507RptrGroup OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

The authoritative identity of the Cisco 2507 repeater port group.

::= { ciscoRptrGroupObjectID 3 }

cisco2516RptrGroup OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

The authoritative identity of the Cisco 2516 repeater port group.

::= { ciscoRptrGroupObjectID 4 }

ciscoWsx5020RptrGroup OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

The authoritative identity of the wsx5020 repeater port group.

::= { ciscoRptrGroupObjectID 5 }

Administrative assignments for chip sets

ciscoChipSets OBJECT-IDENTITY

STATUScurrent

DESCRIPTION

Numerous media-specific MIBS have an object, defined as an OBJECT IDENTIFIER, which is the identity of the chipset realizing the interface. Cisco-specific chipsets have their OBJECT IDENTIFIERS assigned under this subtree.

::= { ciscoAdmin 3 }

ciscoChipSetSaint1 OBJECT-IDENTITY

STATUS current

DESCRIPTION

The identity of the Rev 1 SAINT ethernet chipset manufactured for cisco by LSI Logic.”

::= { ciscoChipSets 1 }

ciscoChipSetSaint2 OBJECT-IDENTITY

STATUS current

DESCRIPTION

The identity of the Rev 2 SAINT ethernet chipset manufactured for cisco by LSI Logic.”

::= { ciscoChipSets 2 }

ciscoChipSetSaint3 OBJECT-IDENTITY

STATUS current

DESCRIPTION

The identity of the Rev 3 SAINT ethernet chipset manufactured for cisco by Plessey.”

::= { ciscoChipSets 3 }

ciscoChipSetSaint4 OBJECT-IDENTITY

STATUS current

DESCRIPTION

The identity of the Rev 4 SAINT ethernet chipset manufactured for cisco by Mitsubishi.”

::= { ciscoChipSets 4 }

END