



Simply Better Connections

ATEN KN Generic / Trap MIB Reference Guide

KVM over IP Switch

Overview

This section provides information about the MIBs supported in KVM over IP Switches, with the corresponding MIB version listed below.

KVM over IP Switch	MIB Version
KN2116VA / KN4116VA / KN2124VA / KN4124VA / KN1132V / KN1132VB / KN2116VB / KN2124VB / KN2132VA / KN2132VB / KN4016VB / KN4024VB / KN4032VB / KN4064VB / KN4132VA / KN8032VB / KN8132V / KN2140VA / KN4140VA / KN4164V / KN8064VB / KN8164V / KN8116V	v4.8.473

This section provides detailed information required for integration with network management systems, automated monitoring, and event handling. Specifically, the section covers:

- ◆ Subtree structure and organization for object grouping and navigation
- ◆ A list of supported MIB objects, including OIDs, access types, data formats, and descriptions
- ◆ Definitions of SNMP traps, including trap OIDs, trigger conditions (descriptions), and associated parameters

MIB Tree Structure

- ◆ **atenProducts** (.1.3.6.1.4.1.21317.1)
This is the root node for all ATEN products.
- ◆ **overip** (.1.3.6.1.4.1.21317.1.3)
This is a subtree for ATEN over IP-based products.
 - ◆ **KVMoverip** (.1.3.6.1.4.1.21317.1.3.1)
Defines the MIB objects and traps for ATEN KVM over IP Switches.
 - ◆ **KNtrap** (.1.3.6.1.4.1.21317.1.3.1.3)
 - ◆ **KNGeneric** (.1.3.6.1.4.1.21317.1.3.1.13)

Downloading MIB Files

To download the latest MIB files:

1. Visit the official product page of your target serial console server.
2. Scroll down to locate the **MIB File** section. For example:

MIB File				
	MIB Files	v4.5.445	2025-06-20	KN-MIB-File-v4.5.445.zip
	MIB Files	v2.9.289	2023-12-14	KN-MIB-File-v2.9.289.zip
	MIB Files	v2.9.286	2023-07-24	KN-MIB-File-v2.9.286.zip
	MIB Files	v2.9.282	2022-10-14	KN_MIB_File_v2.9.282.zip

3. Download the latest MIB file.

OID Format

In this document, all object identifiers (OIDs) are presented in their numeric form without a leading period.

For example, the OID may be displayed by some SNMP tools as:

.1.3.6.1.4.1.21317.1.3.1.13.1.4.1

In this document, it is written as:

1.3.6.1.4.1.21317.1.3.1.13.1.4.1.0

Both notations are equivalent. The leading period is omitted for consistency and readability.

Object Types and Indexing

SNMP objects can be scalar or table-based. When sending GET requests, ensure to distinguish between scalar objects and instance objects, and their correct OID usage.

♦ Scalar Objects

A scalar object is an object that contains a discrete piece of data. Since scalar objects are always defined as having one instance, and to distinguish this type of object from instance objects, append “.0” to the OID when referencing scalar objects in GET requests.

For example:

If the `deviceName` object is defined as:

Object Name	OID
<code>deviceName</code>	<code>1.3.6.1.4.1.21317.1.3.1.13.2.1</code>

Using SNMP version 2c, with community string ‘public’, to retrieve the value of the scalar object `DeviceName.0` from the SNMP agent at IP 192.168.1.10, the GET request will be:

```
snmpget -v2c -c public 192.168.1.10 DeviceName.0
```

or

```
snmpget -v2c -c public 192.168.1.10 1.3.6.1.4.1.21317.1.3.1.13.2.1.0
```

Result:

```
SNMPv2-MIB::DeviceName.0 = STRING: ServerA
```

Note: When “.0” is omitted, SNMP agents will not be able to find the instance and returns an error or invalid message.

♦ Instance Objects

As opposed to scalar objects, some objects may contain multiple instances, e.g. network interfaces for a device. An instance object is one of the multiple pieces of data that exist in an SNMP table. To refer to these pieces of data correctly in a GET request, use the OIDs that are appended with index numbers.

For example:

If the MIB defines the column OID of interface card as `1.3.6.1.2.1.2.2.1.2`

and the device has two interfaces:

Interface Index	Description
1	Ethernet 0
2	Ethernet 1

Using SNMP version 2c, with community string 'public', to retrieve the value of the instance 2, from the SNMP agent at IP 192.168.1.10, the SNMP command would be:

```
snmpget -v2c -c public 192.168.1.10 1.3.6.1.2.1.2.2.1.2.2
```

KN Series Trap

knTrapLogin

OID	1.3.6.1.4.1.21317.1.3.1.3.1
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	A user logged in from a local console; an internet browser; a Windows application program; and a Java application program

knTrapLoginFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.2
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	A user failed to login

knTrapUserLocked

OID	1.3.6.1.4.1.21317.1.3.1.3.3
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	If the number of invalid login attempts exceeds a specified amount, this user account will be locked. This user must wait until the timeout period expires before user can attempt to log in again

knTrapIPAddressLocked

OID	1.3.6.1.4.1.21317.1.3.1.3.4
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	If the number of invalid login attempts exceeds a specified amount, the IP address of remote computer will be locked. No logins from that computer will be accepted until the timeout period expires

knTrapLogout

OID	1.3.6.1.4.1.21317.1.3.1.3.5
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	A user logged out system

knTrapBViewerStart

OID	1.3.6.1.4.1.21317.1.3.1.3.6
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	A session is created for a viewer from browser

knTrapBViewerEnd

OID	1.3.6.1.4.1.21317.1.3.1.3.7
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	A session of browser viewer is ended

knTrapSwitchPort

OID	1.3.6.1.4.1.21317.1.3.1.3.8
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User switch port

knTrapRemoteVMStart

OID	1.3.6.1.4.1.21317.1.3.1.3.9
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Remote user invoke remote virtual media

knTrapRemoteVMStop

OID	1.3.6.1.4.1.21317.1.3.1.3.10
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Remote user unmount remote virtual media

knTrapLocalVMStart

OID	1.3.6.1.4.1.21317.1.3.1.3.11
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User invoke local virtual media

knTrapLocalVMStop

OID	1.3.6.1.4.1.21317.1.3.1.3.12
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User unmount local virtual media

knTrapRemoteCRStart

OID	1.3.6.1.4.1.21317.1.3.1.3.13
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Remote user invoke remote smart card reader

knTrapRemoteCRStop

OID	1.3.6.1.4.1.21317.1.3.1.3.14
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Remote user unmount remote smart card reader

knTrapLocalCRStart

OID	1.3.6.1.4.1.21317.1.3.1.3.15
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User invoke local smart card reader

knTrapLocalCRStop

OID	1.3.6.1.4.1.21317.1.3.1.3.16
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User unmount local smart card reader

knTrapOutletON

OID	1.3.6.1.4.1.21317.1.3.1.3.17
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Send a power on signal to selected outlet(s)

knTrapOutletOFF

OID	1.3.6.1.4.1.21317.1.3.1.3.18
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Send a power off signal to selected outlet(s)

knTrapOutletCycle

OID	1.3.6.1.4.1.21317.1.3.1.3.19
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Send a reboot signal to selected outlet(s)

knTrapModemdailin

OID	1.3.6.1.4.1.21317.1.3.1.3.20
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Modem dial in succeeded

knTrapModemdailinFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.21
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Modem dial in failed

knTrapModemdailout

OID	1.3.6.1.4.1.21317.1.3.1.3.22
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Modem dial out succeeded

knTrapModemdailoutFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.23
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Modem dial out failed

knTrapModemdailback

OID	1.3.6.1.4.1.21317.1.3.1.3.24
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Modem dial back succeeded

knTrapModemdailbackFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.25
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Modem dial back failed

knTrapModifyPortCfgr

OID	1.3.6.1.4.1.21317.1.3.1.3.26
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User modified port configuration

knTrapAddUser

OID	1.3.6.1.4.1.21317.1.3.1.3.27
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Create a new user account

knTrapModifyUser

OID	1.3.6.1.4.1.21317.1.3.1.3.28
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User with user management privilege modified a user account

knTrapDeleteUser

OID	1.3.6.1.4.1.21317.1.3.1.3.29
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User with user management privilege remove a user account

knTrapAddGroup

OID	1.3.6.1.4.1.21317.1.3.1.3.30
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Create a new group

knTrapModifyGroup

OID	1.3.6.1.4.1.21317.1.3.1.3.31
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Administrator modified group setting

knTrapDeleteGroup

OID	1.3.6.1.4.1.21317.1.3.1.3.32
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Administrator remove a group

knTrapModifyDevInfo

OID	1.3.6.1.4.1.21317.1.3.1.3.33
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Device information settings modified

knTrapModifyOperationSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.34
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Operation settings modified

knTrapModifyNetworkSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.35
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Network settings modified

knTrapModifyANMSSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.36
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	ANMS settings modified

knTrapModifyNotificationSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.38
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Notification settings modified

knTrapModifyOBCSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.39
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	OBC settings modified

knTrapModifySecuritySetting

OID	1.3.6.1.4.1.21317.1.3.1.3.40
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Security settings modified

knTrapModifyDateTimeSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.41
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Time settings modified

knTrapModifyIPAddress

OID	1.3.6.1.4.1.21317.1.3.1.3.42
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Device IP address changed

knTrapLogServerConnectionFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.43
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	ATEN Log Server connection failed

knTrapUploadCertificate

OID	1.3.6.1.4.1.21317.1.3.1.3.44
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User upload certificate

knTrapRestoreDefaultCertificate

OID	1.3.6.1.4.1.21317.1.3.1.3.45
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User invoke restore default certificate

knTrapUploadCSR

OID	1.3.6.1.4.1.21317.1.3.1.3.48
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User upload CSR

knTrapInvalidIPAccess

OID	1.3.6.1.4.1.21317.1.3.1.3.49
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Invalid IP access

knTrapInvalidMACAccess

OID	1.3.6.1.4.1.21317.1.3.1.3.50
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Invalid MAC access

knTrapNTP

OID	1.3.6.1.4.1.21317.1.3.1.3.51
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform NTP operation succeeded

knTrapNTPFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.52
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform NTP operation failed

knTrapDeleteLog

OID	1.3.6.1.4.1.21317.1.3.1.3.53
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform clear log operation

knTrapUpgradeFW

OID	1.3.6.1.4.1.21317.1.3.1.3.54
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform FW upgrade succeeded

knTrapUpgradeFWFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.55
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform FW upgrade failed

knTrapUpgradeAdapter

OID	1.3.6.1.4.1.21317.1.3.1.3.56
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform adapter FW upgrade succeeded

knTrapUpgradeAdapterFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.57
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform adapter FW upgrade failed

knTrapUpgradePDU

OID	1.3.6.1.4.1.21317.1.3.1.3.58
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform PDU FW upgrade succeeded

knTrapUpgradePDUFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.59
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform PDU FW upgrade failed

knTrapBackupSystemConfiguration

OID	1.3.6.1.4.1.21317.1.3.1.3.60
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform backup system configuration succeeded

knTrapRestoreSystemConfiguration

OID	1.3.6.1.4.1.21317.1.3.1.3.61
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform backup system configuration operation failed

knTrapRestoreSystemConfigurationFailed

OID	1.3.6.1.4.1.21317.1.3.1.3.62
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform restore system configuration operation failed

knTrapClearPortName

OID	1.3.6.1.4.1.21317.1.3.1.3.63
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform clear port name operation

knTrapRestoreDefaultSetting

OID	1.3.6.1.4.1.21317.1.3.1.3.64
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform reset to default operation

knTrapResetSystem

OID	1.3.6.1.4.1.21317.1.3.1.3.65
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	User perform reset system operation

knTrapSystemPowerOn

OID	1.3.6.1.4.1.21317.1.3.1.3.66
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Power on

knTrapSystemPowerOff

OID	1.3.6.1.4.1.21317.1.3.1.3.67
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Power off

knTrapTemperatureWarning

OID	1.3.6.1.4.1.21317.1.3.1.3.69
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Temperature exceeded sensor threshold

knTrapFanSpeedWarning

OID	1.3.6.1.4.1.21317.1.3.1.3.70
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Fan speed abnormal

knTrapEndSession

OID	1.3.6.1.4.1.21317.1.3.1.3.71
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	A user with administrator privilege force a user logout system

knTrapLANDisconnect

OID	1.3.6.1.4.1.21317.1.3.1.3.72
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	LAN is disconnected or unplugged

knTrapPSUUnplug

OID	1.3.6.1.4.1.21317.1.3.1.3.73
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	PSU is unplugged or may be broken

knTrapPortLinkUp

OID	1.3.6.1.4.1.21317.1.3.1.3.74
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Link up on port

knTrapPortLinkDown

OID	1.3.6.1.4.1.21317.1.3.1.3.75
Syntax	OCTET STRING
Max-Access	not-accessible
Status	current
Description	Link down on port

KN Series Generic

This section lists and defines the MIB objects used for the KNseries:

- ♦ *Configuration Objects*
- ♦ *KVM Device Objects*
- ♦ *KVM Ports Object*

Configuration Objects

Operating Mode

- ♦ **forceALLToGray**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.1
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Set mode Force All to Grayscale unchecked(0) disable Force All to Grayscale checked(1) enable Force All to Grayscale

- ♦ **enableClientAPDeviceList**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.2
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Set mode Enable Client AP Device List unchecked(0) disable Enable Client AP Device List checked(1) Enable Client AP Device List

♦ **enableAdapterID**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.3
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Set mode Enable Adapter ID unchecked(0) disable Enable Adapter ID checked(1) Enable Adapter ID

♦ **enableLocalConsoleCascade**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.4
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Set mode Enable Local Console Cascade unchecked(0) disable Enable Local Console Cascade checked(1) Enable Local Console Cascade

♦ **enableFirstLogonTransfer**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.5
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Set mode Enable First Logon Transfer unchecked(0) disable Enable First Logon Transfer checked(1) Enable First Logon Transfer

♦ **keyboardMouseBroadcast**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.6
Syntax	INTEGER {disable(0),enablekeyboard(1),enablemouse(2),enablekeyboardmouse(3)}
Max-Access	read-write
Status	current
Description	Set Keyboard Mouse Broadcast option

♦ **consoleKeyboardLanguage**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.1.7
Syntax	INTEGER {chinese(0),englishUK(1),englishUS(2),french(3),german(4),hungarian(5),italian(6),japanese(7),korean(8),spanish(9),swedish(10),swiss(11),turkey(12)}
Max-Access	read-write
Status	current
Description	Set Console Keyboard Language

Network♦ **ipInstaller**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.1
Syntax	INTEGER {disabled(0),viewOnly(1),enabled(2)}
Max-Access	read-write
Status	current
Description	Set IPInstaller option

♦ **servicePortsProgram**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.2
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Service Ports -- Program

♦ **servicePortsHTTP**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.3
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Service Ports -- HTTP

♦ **servicePortsHTTPS**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.4
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Service Ports -- HTTPS

♦ **servicePortsSSH**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.5
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Service Ports -- SSH

♦ **servicePortsTelnet**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.6
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Service Ports -- Telnet

♦ **redundantNIC**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.7
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Set Redundant option

Network Adapter

Adapter 1

♦ **adapter1V4IPADDSEL**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.1
Syntax	INTEGER {dhcp(0),fixedip(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 1 how to get IP Address

♦ **adapter1V4FIXIPAddress**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.2
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 IP Address (Fixed IP mode)

♦ adapter1V4FIXIPSubnet

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.3
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 Subnet Mask (Fixed IP mode)

♦ adapter1V4FIXIPGateway

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.4
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 Default Gateway (Fixed IP mode)

♦ adapter1V4DNSSEL

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.5
Syntax	INTEGER {dnsautomatically(0),dnsmanually(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 1 Obtain DNS method

♦ adapter1V4PREDNS

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.6
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 Preferred DNS Sever

♦ adapter1V4ALTDNS

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.7
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 Alternate DNS Sever

♦ adapter1V6IPADDSEL

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.8
Syntax	INTEGER {dhcp(0),fixedip(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 how to get IP Address

♦ adapter1V6FIXIPAddress

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.9
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 IP Address (Fixed IP mode)

♦ adapter1V6FIXIPSubnet

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.10
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 Subnet Prefix length (0-128) (Fixed IP mode)

♦ adapter1V6FIXIPGateway

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.11
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 Default Gateway (Fixed IP mode)

♦ adapter1V6DNSSEL

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.12
Syntax	INTEGER {dnsautomatically(0),dnsmanually(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 Obtain DNS method

♦ adapter1V6PREDNS

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.13
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 Preferred DNS Sever

♦ adapter1V6ALTDNS

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.14
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 1 V6 Alternate DNS Sever

♦ **adapter1TransferRate**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.1.15
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Adapter 1 Network Transfer Rate(4-99999)

Adapter 2♦ **adapter2V4IPADDSEL**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.1
Syntax	INTEGER {dhcp(0),fixedip(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 2 how to get IP Address

♦ **adapter2V4FIXIPAddress**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.2
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 IP Address (Fixed IP mode)

♦ **adapter2V4FIXIPSubnet**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.3
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 Subnet Mask (Fixed IP mode)

♦ **adapter2V4FIXIPGateway**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.4
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 Default Gateway (Fixed IP mode)

♦ **adapter2V4DNSSEL**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.5
Syntax	INTEGER {dnsautomatically(0),dnsmanually(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 2 Obtain DNS method

♦ **adapter2V4PREDNS**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.6
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 Preferred DNS Sever

♦ **adapter2V4ALTDNS**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.7
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 Alternate DNS Sever

♦ **adapter2V6IPADDSEL**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.8
Syntax	INTEGER {dhcp(0),fixedip(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 how to get IP Address

♦ **adapter2V6FIXIPAddress**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.9
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 IP Address (Fixed IP mode)

♦ **adapter2V6FIXIPSubnet**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.10
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 Subnet Prefix length (0-128) (Fixed IP mode)

♦ **adapter2V6FIXIPGateway**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.11
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 Default Gateway (Fixed IP mode)

♦ adapter2V6DNSSEL

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.12
Syntax	INTEGER {dnsautomatically(0),dnsmanually(1)}
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 Obtain DNS method

♦ adapter2V6PREDNS

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.13
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 Preferred DNS Sever

♦ adapter2V6ALTDNS

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.14
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Adapter 2 V6 Alternate DNS Sever

♦ adapter2TransferRate

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.8.2.15
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Adapter 2 Network Transfer Rate(4-99999)

♦ **applyReset**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.2.9
Syntax	INTEGER {unchecked(0),checked(1)}
Max-Access	read-write
Status	current
Description	Reset device to make network modification take effect

LogServer

♦ **logServerEnable**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.3.1
Syntax	INTEGER {disable(0),enable(1)}
Max-Access	read-write
Status	current
Description	Enable/disable Log Server

♦ **logServerMAC**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.3.2
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Log Server's MAC Address

♦ **logServerPort**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.3.3
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Log Server Service Port(1-65535)

LogServer

♦ snmpTrapEnable

OID	1.3.6.1.4.1.21317.1.3.1.13.1.4.1
Syntax	INTEGER {disable(0),enable(1)}
Max-Access	read-write
Status	current
Description	Enable/disable SNMP Trap

♦ snmpTrapIP

OID	1.3.6.1.4.1.21317.1.3.1.13.1.4.2
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set SNMP Trap's Server IP

♦ snmpTrapPort

OID	1.3.6.1.4.1.21317.1.3.1.13.1.4.3
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set SNMP Trap Service Port(1-65535)

Syslog

♦ syslogEnable

OID	1.3.6.1.4.1.21317.1.3.1.13.1.5.1
Syntax	INTEGER {disable(0),enable(1)}
Max-Access	read-write
Status	current
Description	Enable/disable Syslog Server

♦ **syslogIP**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.5.2
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set Syslog Server IP

♦ **syslogPort**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.5.3
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set Syslog Server Service Port(1-65535)

ccManagement♦ **ccManagementEnable**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.6.1
Syntax	INTEGER {disable(0),enable(1)}
Max-Access	read-write
Status	current
Description	Enable/disable CC Management

♦ **ccManagementIP**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.6.2
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Set CC Management Server IP

♦ **ccManagementPort**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.6.3
Syntax	INTEGER
Max-Access	read-write
Status	current
Description	Set CC Management Port(1-65535)

comSetting♦ **com1Option**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.7.1
Syntax	INTEGER {pdu(0),serialport(1)}
Max-Access	read-write
Status	current
Description	Set COM1 option

♦ **com2Option**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.7.2
Syntax	INTEGER {modem(0),serialport(1)}
Max-Access	read-write
Status	current
Description	Set COM2 option

deviceInformation♦ **manufactoryNo**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.8.1
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get Device's manufactory number

♦ **version**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.8.2
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get current firmware's version

environmentStatus♦ **PSU1Status**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.9.1
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get PSU1's status

♦ **PSU2Status**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.9.2
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get PSU2's status

♦ **fanSpeed**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.9.3
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get Fan's speed status

♦ **temperature**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.9.4
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get Temperature's status

♦ **LAN1Status**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.9.5
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get LAN1's status

♦ **LAN2Status**

OID	1.3.6.1.4.1.21317.1.3.1.13.1.9.6
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get LAN2's status

KVM Device Objects

deviceName

OID	1.3.6.1.4.1.21317.1.3.1.13.2.1
Syntax	DISPLAYSTRING
Max-Access	read-write
Status	current
Description	Get device's name

description

OID	1.3.6.1.4.1.21317.1.3.1.13.2.2
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Description	Get device's description

KVM Ports Object

portNumber

OID	1.3.6.1.4.1.21317.1.3.1.13.3.1
Syntax	INTEGER32
Max-Access	read-only
Status	current
Description	The number of kvm ports

portsTable

OID	1.3.6.1.4.1.21317.1.3.1.13.3.2
Syntax	SEQUENCE OF portEntry
Max-Access	not-accessible
Status	current
Indexes	portNo
Description	A list of kvm ports entries. The number of ports is given by the value of portNumber

♦ **portEntry**

OID	1.3.6.1.4.1.21317.1.3.1.13.3.2.1
Syntax	portEntry
Max-Access	not-accessible
Status	mandatory
Indexes	portNo
Description	Information applicable to each of the port

♦ **portNo**

OID	1.3.6.1.4.1.21317.1.3.1.13.3.2.1.1
Syntax	INTEGER
Max-Access	read-only
Status	current
Indexes	portNo
Description	A unique value, greater than zero, for each interface

♦ **onlineStatus**

OID	1.3.6.1.4.1.21317.1.3.1.13.3.2.1.2
Syntax	INTEGER {offline(0),online(1)}
Max-Access	read-only
Status	current
Indexes	portNo
Description	port online/offline status

♦ **portName**

OID	1.3.6.1.4.1.21317.1.3.1.13.3.2.1.3
Syntax	DISPLAYSTRING
Max-Access	read-only
Status	current
Indexes	portNo
Description	port name