

ESBC SNMP MIB OID LIST

ESBC Version: 2-0-13-1-OR

Supported Standard MIBs:

- ◆ SNMPv2-MIB
- ◆ IF-MIB
- ◆ IP-MIB
- ◆ RFC1213-MIB
- ◆ IP-FORWARD-MIB
- ◆ TCP-MIB
- ◆ UDP-MIB
- ◆ SIP-TC-MIB

Supported OID of Standard MIBs

Note: For OIDs which can be configured via SNMP-SET command are marked in green.

OID	Name	Description
.1.3.6.1.2.1.1	system	
.1.3.6.1.2.1.2	interfaces	
.1.3.6.1.2.1.31.1.1	ifXTable (except ifLinkUpDownTrapEnable)	A list of interface entries. The number of entries is given by the value of ifNumber. This table contains additional objects for the interface table.
.1.3.6.1.2.1.31.1.5	ifTableLastChange	The value of sysUpTime at the time of the last creation or deletion of an entry in the ifTable. If the number of entries has been unchanged since the last re-initialization of the local network management subsystem, then this object contains a zero value.
.1.3.6.1.2.1.11	snmp	
.1.3.6.1.2.1.149.1.4.1	sipCommonMethodStatsTable	rfc4780
.1.3.6.1.2.1.149.1.5.1	sipCommonStatusCodeTable	rfc4780
.1.3.6.1.2.1.10.18.15.0.1	dsx1LineStatusChange	Rfc2495
.1.3.6.1.2.1.197.1.2.1	ntpEntStatusCurrentMode	rfc5907

Supported OID of Private MIB .1.3.6.1.4.1 enterprises

OID	Name	Description
.1.3.6.1.4.1.3354.1.3.2.1.10	sipServerInfo	
.1.3.6.1.4.1.3354.1.3.2.1.10.1	proxyIPList	string of Multi proxy IP or FQDN.
.1.3.6.1.4.1.3354.1.3.2.1.11	hardwareInfo	
.1.3.6.1.4.1.3354.1.3.2.1.11.1	hardwareID	hardware version ID for the ESBC.
.1.3.6.1.4.1.3354.1.3.2.1.3	management	
.1.3.6.1.4.1.3354.1.3.2.1.3.1	boxUserName	Administrator User Name
.1.3.6.1.4.1.3354.1.3.2.1.3.2	boxPassword	Administrator Password
.1.3.6.1.4.1.3354.1.3.2.1.3.6	deviceType	Device type for EMS management The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.3.7	regionID	Device region ID for EMS management The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.3.8	firmwareRemoteUpdateURL	URL for firmware remote update
.1.3.6.1.4.1.3354.1.3.2.1.4	esbcSystem	
.1.3.6.1.4.1.3354.1.3.2.1.4.1	systemVersion	The system version includes model name, firmware version, bootloader version, hardware version
.1.3.6.1.4.1.3354.1.3.2.1.4.2	systemPCICFunctionID	The system PCIC function ID
.1.3.6.1.4.1.3354.1.3.2.1.5	network	
.1.3.6.1.4.1.3354.1.3.2.1.5.1	localIPMask	Local WAN Mask(OAMP connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.2	localDefaultGWIP	Local WAN Default gateway IP(OAMP connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.3	localIP	Local WAN IP(OAMP connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.4	boxServerDns2	The IP address or QDN of the WAN secondary DNS server. (OAMP connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.5	domainName	The IP address or QDN for this device
.1.3.6.1.4.1.3354.1.3.2.1.5.6	boxMacAddress	mac address for this device
.1.3.6.1.4.1.3354.1.3.2.1.5.7	boxServerDns1	The IP address of the WAN primary DNS server. (OAMP connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.8	localDefaultGWMask	Local WAN Default gateway Mask,

		should be same as localIPMask(OAMP connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.9	snmpManagerIP	SNMP Trap Manager's IP The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.10	snmpCommunity1	SNMP Read-Only Community name and access right The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.11	snmpCommunity2	SNMP Read-Write Community name and access right The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.12	nameEMS	EMS sever1 name, FQDN or IP address The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.13	portEMS	EMS sever1 port number The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.14	boxServerDns3	(Reserved) The IP address of the third DNS server.
.1.3.6.1.4.1.3354.1.3.2.1.5.15	interfaceTable	A list of configuration entries for individual Ethernet interface ports.
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1	interfaceEntry	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.1	interfaceIndex	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.2	interfaceDescription	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.3	interfaceType	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.4	interfaceSpeedAdminStatus	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.5	interfaceSpeedOperStatus	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.6	interfaceAdminStatus	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.7	interfaceOperStatus	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.8	interfaceDuplexAdminStatus	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.9	interfaceDuplexOperStatus	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.10	interfaceStormControl	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.11	interfaceFlowControl	

.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.12	interfaceFlowControlThresholdTransmitOn	
.1.3.6.1.4.1.3354.1.3.2.1.5.15.1.13	interfaceFlowControlThresholdTransmitOff	
.1.3.6.1.4.1.3354.1.3.2.1.5.16	nameEMS2	EMS sever2 name, FQDN or IP address The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.17	portEMS2	EMS sever2 port number The device needs to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.5.18	localIPVoiceIF	Local WAN IP(Voice connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.19	localIPMaskVoiceIF	Local WAN Mask(Voice connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.20	localDefaultGWIPVoiceIF	Local WAN Default gateway IP(Voice connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.21	boxServerDns1VoiceIF	The IP address of the WAN primary DNS server. (Voice connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.5.22	boxServerDns2VoiceIF	The IP address or QDN of the WAN secondary DNS server. (Voice connection for Multiple IF)
.1.3.6.1.4.1.3354.1.3.2.1.6	monitoring	
.1.3.6.1.4.1.3354.1.3.2.1.6.19	b2buaCurrentActiveCalls	The number of B2BUA active calls
.1.3.6.1.4.1.3354.1.3.2.1.7	trap	
.1.3.6.1.4.1.3354.1.3.2.1.7.14	acFailure	AC Failure
.1.3.6.1.4.1.3354.1.3.2.1.7.15	replaceBattery	Replace Battery
.1.3.6.1.4.1.3354.1.3.2.1.7.16	batteryMissing	Battery Missing
.1.3.6.1.4.1.3354.1.3.2.1.7.17	batteryLow	Battery Low
.1.3.6.1.4.1.3354.1.3.2.1.7.19	poorVoiceQualityThreshold	Poor voice quality threshold (MOS)
.1.3.6.1.4.1.3354.1.3.2.1.7.20	sipRegistrationFailure	SIP Registration failure
.1.3.6.1.4.1.3354.1.3.2.1.7.21	failedLoginAttempts	Failed login attempts
.1.3.6.1.4.1.3354.1.3.2.1.7.22	emergencyCallAlarm	The host that detected the EMERGENCY call occurs
.1.3.6.1.4.1.3354.1.3.2.1.7.23	provisioningSuccessOrFailure	The host that notified the success or failure to provision firmware or configurations
.1.3.6.1.4.1.3354.1.3.2.1.7.24	concurrentCallsLimitReached	The host that notified the max system capacity of concurrent calls reached
.1.3.6.1.4.1.3354.1.3.2.1.7.25	managementControlStateChange	The host that detected the state

		of management control is changed
.1.3.6.1.4.1.3354.1.3.2.1.7.26	priReceivedReleaseProtocolError	The host that received release complete message with cause code of protocol errors.
.1.3.6.1.4.1.3354.1.3.2.1.7.27	priDchannelUpDown	The host that detected PRI Dchannel up or down.
.1.3.6.1.4.1.3354.1.3.2.1.7.28	priRemoteBchannelOutOfService	PRI B-channel x that received Remote Out of Service
.1.3.6.1.4.1.3354.1.3.2.1.7.29	interfaceLANPhysicalLinkDown	The host that detected LAN interface link down.
.1.3.6.1.4.1.3354.1.3.2.1.7.30	sntpUnsynchronized	Indicate the SNTP client is unsynchronized
.1.3.6.1.4.1.3354.1.3.2.1.7.31	fanFailure	Only for HD platform
.1.3.6.1.4.1.3354.1.3.2.1.8	control	
.1.3.6.1.4.1.3354.1.3.2.1.8.1	systemReset	System reset control 1: true (Reset system) 2:false (Not reset system).
.1.3.6.1.4.1.3354.1.3.2.1.8.2	dhcpEnable	DHCP enable or not 1:true (Enable) 2:false (Disable). (OAMP connection for Multiple IF) The ESBC need to be rebooted by set 'systemReset' to 1 after this variable is set
.1.3.6.1.4.1.3354.1.3.2.1.8.5	provisioningEnable	Provisioning enable control 1:true (Enable) 2:false (Disable).
.1.3.6.1.4.1.3354.1.3.2.1.8.13	emsTCPReq	to set ems TCP server by telnet://ip:port or http://ip:port
.1.3.6.1.4.1.3354.1.3.2.1.8.14	emsHBRedirect	(Reserved)
.1.3.6.1.4.1.3354.1.3.2.1.8.15	reProvisioning	set ESBC to do reprovisioning 1:true (to do now) 2:false.
.1.3.6.1.4.1.3354.1.3.2.1.8.17	wanWebSrvEnable	Enable wan Web Service access 1:true , 2:false .
.1.3.6.1.4.1.3354.1.3.2.1.8.18	systemFactoryReset	System factory reset control 1: true (Reset factory default) 2: false (Not factory reset system).
.1.3.6.1.4.1.3354.1.3.2.1.8.19	firmwareRemoteUpdate	Trigger remote update for system SW 1: true (to do now) 2: false
.1.3.6.1.4.1.3354.1.3.2.1.9	lineInfo	
.1.3.6.1.4.1.3354.1.3.2.1.9.1	lineInfoTable	This table describes SIP Trunk line information.
.1.3.6.1.4.1.3354.1.3.2.1.9.1.1	lineInfoEntry	
.1.3.6.1.4.1.3354.1.3.2.1.9.1.1.1	lineInfoIndex	The index value which uniquely

		identifies an entry in the lineInfoTable.
.1.3.6.1.4.1.3354.1.3.2.1.9.1.1.10	channelEnable	Enable/Disable this line
.1.3.6.1.4.1.3354.1.3.2.1.9.1.1.11	userID	user ID or subscriber ID of this line.
.1.3.6.1.4.1.3354.1.3.2.1.9.1.1.12	userPassword	user Password or call processing password of this line.
.1.3.6.1.4.1.3354.1.3.2.1.9.1.1.15	registerStatus	register status of this line.
.1.3.6.1.4.1.3354.1.3.2.1.9.2	numberOfLines	number of SIP Trunk lines present in the ESBC.
.1.3.6.1.4.1.3354.1.3.2.8	vLanInfo	WAN Single Interface - VLAN
.1.3.6.1.4.1.3354.1.3.2.8.1	vLanTaggingEnable	vLan Tagging Enable.
.1.3.6.1.4.1.3354.1.3.2.8.2	vLanTOSEnable	(Reserved)vLan IP TOS TO 802.1p priority mapping enable for NATed traffic.
.1.3.6.1.4.1.3354.1.3.2.8.3	vLanID	vLanID for NATed traffic.
.1.3.6.1.4.1.3354.1.3.2.8.4	priority	vLan priority for NATed traffic

Not supported MIBs:

- ◆ SNMPv2-SMI
- ◆ SNMPv2-TC
- ◆ IANAifType-MIB
- ◆ SNMP-FRAMEWORK-MIB

Not supported Trap

OID	Name	Description
.1.3.6.1.6.3.1.1.4	snmpTrap	
.1.3.6.1.6.3.1.1.5	snmpTraps	