

Configure SNMP in Virtualized Voice Browser

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Introduction

This document describes the process to configure and setup SNMP in Virtualized Voice Browser (VVB).

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- VVB
- Customer Voice Portal (CVP)

Components Used

The information in this document is based on VVB version 11.6.1.10000-14.

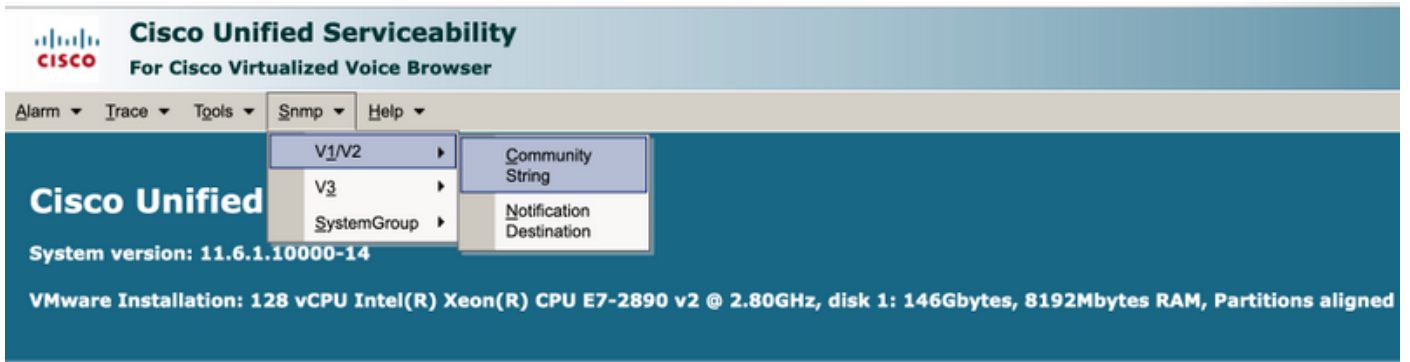
The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configure

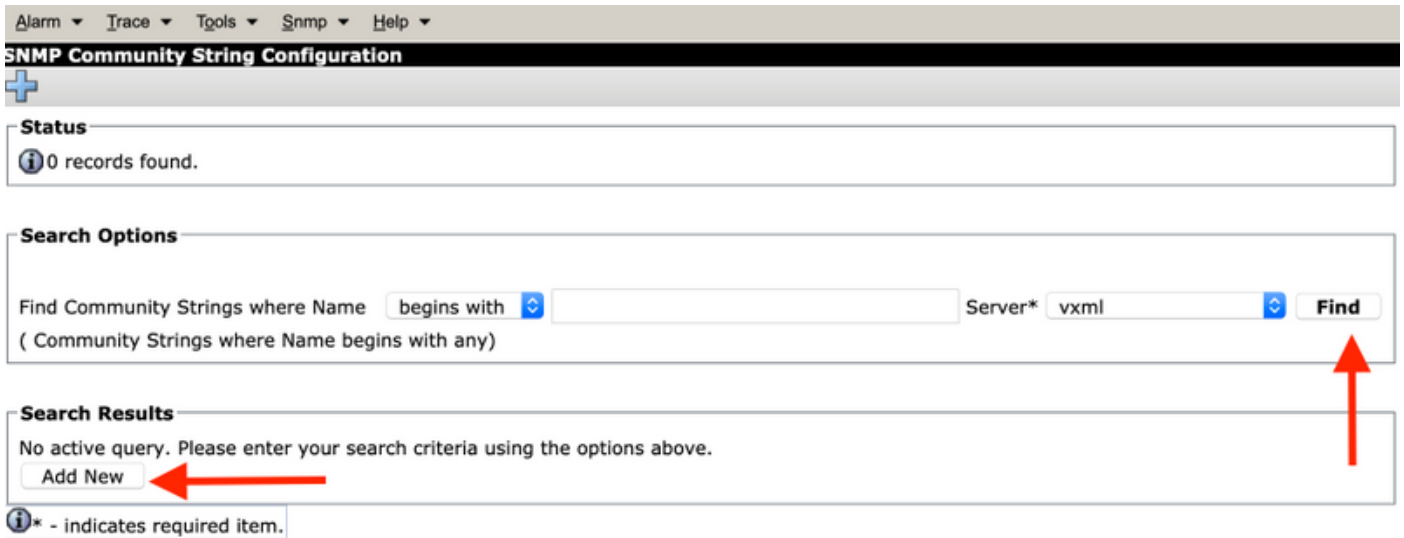
Step 1. Goto Cisco Unified Serviceability page.

URL : <https://<IP Address of VVB>/ccmservice/>

Step 2. Click **Snmp \ V1/V2 \ Community String**.



Step 3. Under **Search Options \ Select Server*** ; once selected from the drop down; click **Find**, and then click **Add New**.



Step 4. Provide a **Community String Name**; select **Host IP Addresses** Information and finally provide appropriate **Access Privileges**.

Note: The selections made here for Community String Name, Host IP Addresses Information and Access Privileges are meant for a lab setup, when done in production appropriate selections should be considered.

SNMP Community String Configuration

Save Clear All Cancel

Status

Status : Ready

Server* vxml

Community String Information

Community String Name* test

Host IP Addresses Information

Accept SNMP Packets from any host

Accept SNMP Packets only from these hosts

Host IP Address

Insert

Host IP Addresses

Remove

Access Privileges

Access Privileges* ReadOnly

Notify access privilege is required in order to configure Notification Destinations.

Apply To All Nodes

Save

Clear All

Cancel

* - indicates required item.

Step 5. Click **Save** and notice pop-up as shown in the image. Click **OK**.

Note: Make note of the service restarts that are expected and make sure system is ready to expect reload of these services.

SNMP master agent needs to be restarted in order for these changes to take effect. It is recommended to restart the SNMP master agent once all the configuration changes are completed.

Restarting SNMP Master Agent also restarts the Host Resources Agent if it is running.

Master agent restart will take around 1min..

Press OK to restart the SNMP master agent now or Cancel to restart later.

Cancel

OK

Step 6. Confirmation **SNMP Restart Successful** is received, and entry of **Community String Name** along with **Access Privilege** is listed.

SNMP Community String Configuration



Status

SNMP Restart Successful

Status

Add Successful

Search Options

Find Community Strings where Name begins with Server* vxml
(Community Strings where Name begins with any)

Search Results

<input type="checkbox"/>	Community String Name	Access Privileges
<input type="checkbox"/>	test	ReadOnly

Apply To All Nodes

Step 7. Link to access Support MIBs information:

[Operations Guide for Cisco Virtualized Voice Browser, Release 11.6\(1\)](#)

Table 2 SNMP MIBs

MIB	Agent Service
CISCO-VOICE-APPS-MIB	Cisco VVB Voice Subagent
CISCO-CDP-MIB	Cisco CDP Agent
CISCO-SYSLOG-MIB	Cisco Syslog Agent
SYSAPPL-MIB	System Application Agent
MIB-II	MIB2 Agent
HOST-RESOURCES-MIB	Host Resources Agent

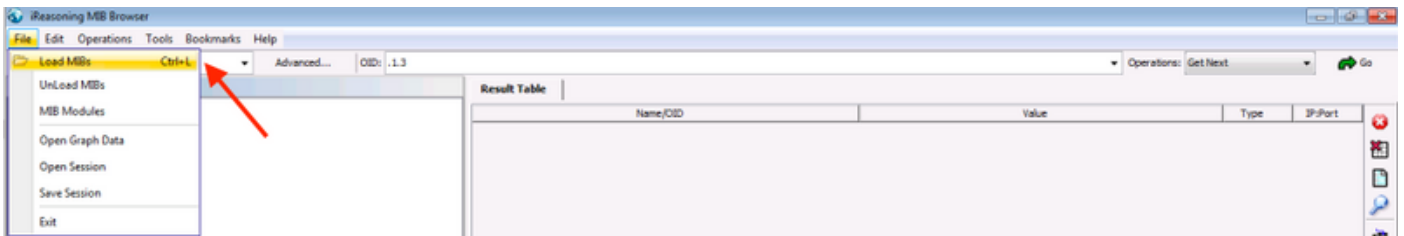
- For the scope of this configure ; **CISCO-VOICE-APPS-MIB** is discussed.
- To download MIB **CISCO-VOICE-APPS-MIB.my (v2)** click -> [MIBv2](#).
- Search CISCO-VOICE-APPS-MIB and rt. click \ select Save link as and download the CISCO-VOICE-APPS-MIB.my file.

Verify

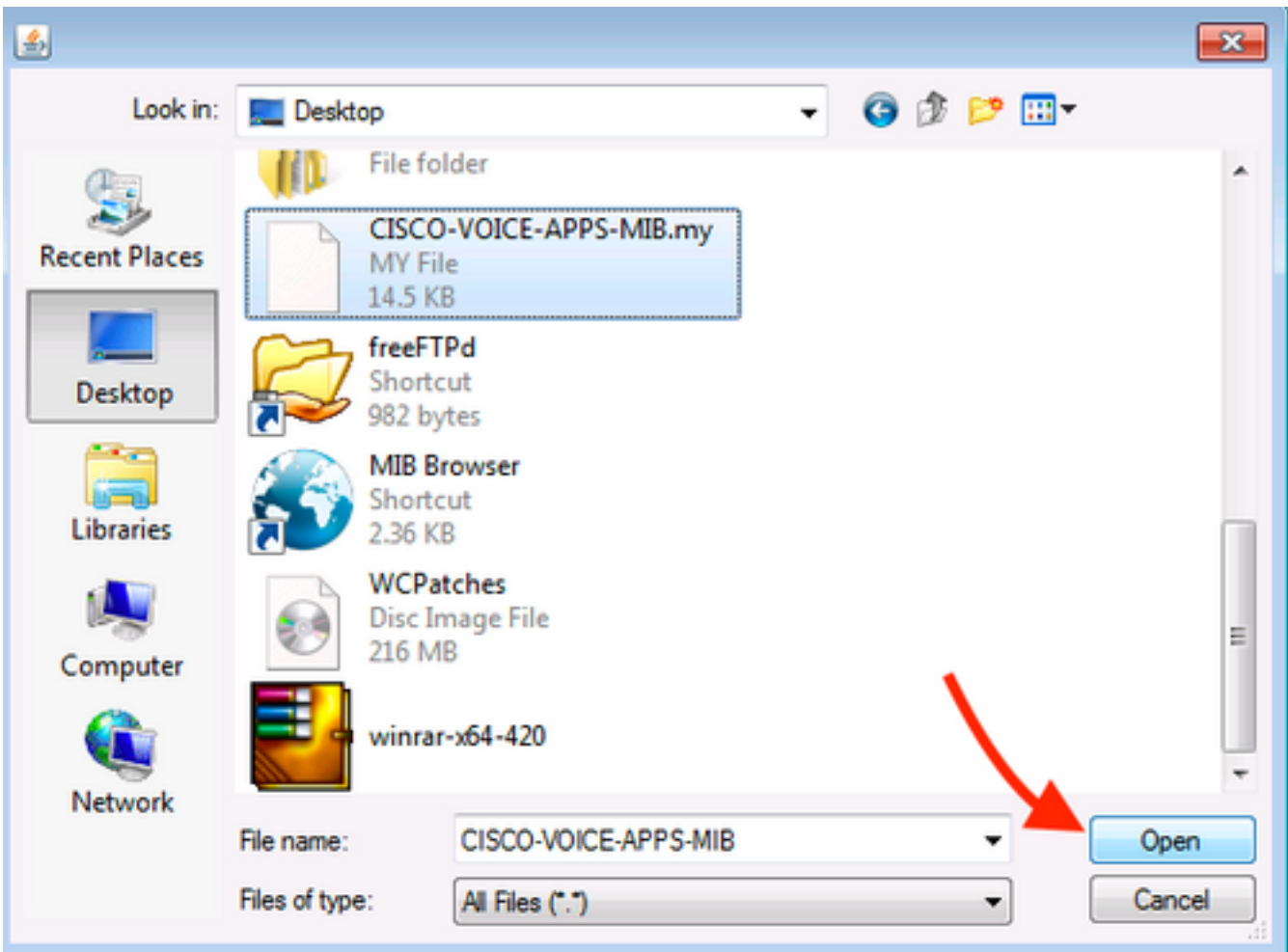
Use this section in order to confirm that your configuration works properly.

Download and Install a **MIB browser** (eg iReasoning MIB Browser) , upload the MIB ; followed by Get Walk result.

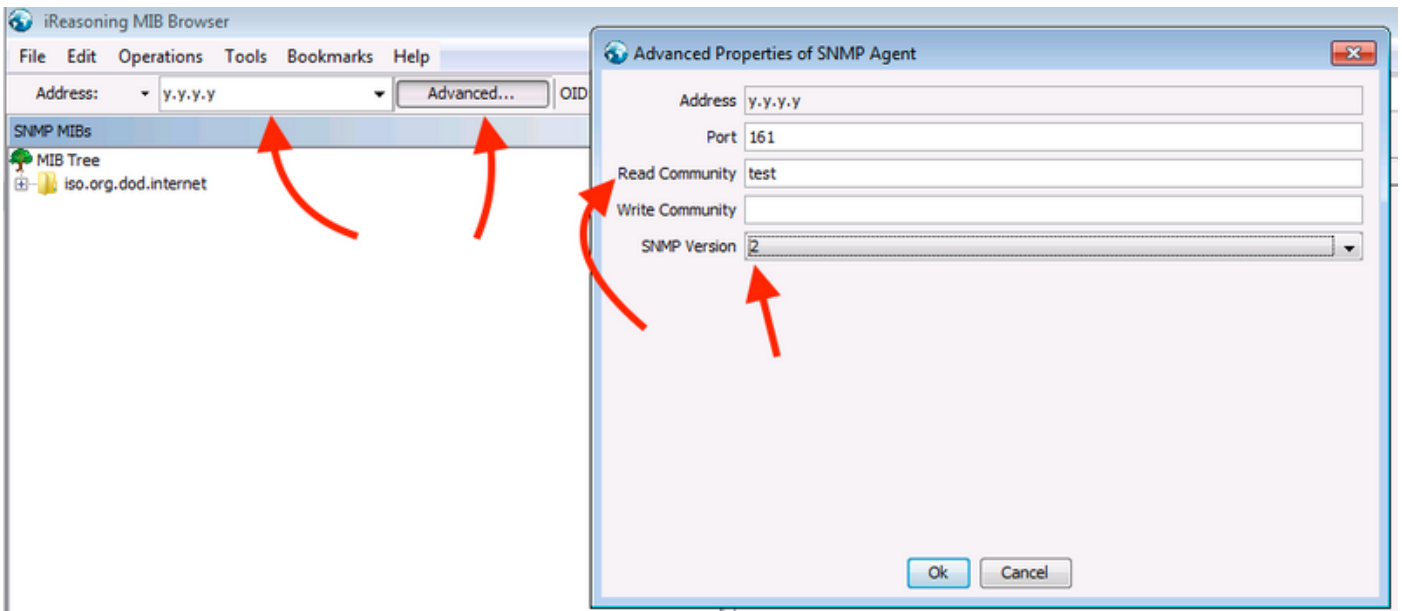
Step 1. Upload the **MIB (.my file)** to the **MIB browser**. Click **Load MIBs**.



Step 2. Point to the CISCO-VOICE-APPS-MIB.my.



Step 3. Next Type the **IP address of VVB** ; click **Advanced** to enter the **Community String Name** (refer Step 4) value in **Read Community**, and enter **SNMP version** as **2**.



Step 4. Next, expand **Private\Enterprises\Cisco\ciscoMgmt\ciscoVoiceAppsMIB** Click **Get Bulk** ; to get VVB configuration details, etc.

Name/OID	Value	Type
cvaWorkflowInstallName.1	Ringtone	OctetString
cvaWorkflowInstallName.2	Error	OctetString
cvaWorkflowInstallName.3	Comprehensive	OctetString
cvaWorkflowInstallLocator.1	919191*	OctetString
cvaWorkflowInstallLocator.2	929292*	OctetString
cvaWorkflowInstallLocator.3	7777777777*	OctetString
cvaWorkflowInstallScriptName.1	Ringtone.aef	OctetString
cvaWorkflowInstallScriptName.2	Error.aef	OctetString
cvaWorkflowInstallScriptName.3	CVComprehensive.aef	OctetString
cvaWorkflowInstallEnable.1	true (1)	Integer

Name	ciscoVoiceAppsMIB
OID	.1.3.6.1.4.1.9.9.190
MIB	CISCO-VOICE-APPS-MIB
Syntax	
Access	
Status	
DefVal	
Indexes	
Descr	