

Cisco Jabber for Windows – Enable Accessory Manager API

This document intend to describe how to enable the Accessory Manager API feature, added to the Jabber for Windows 9.2 client.

Feature description found in the Cisco Jabber for Windows 9.2 Release Notes

Accessory Manager API

This release provides an API for accessory vendors. You can use this API to enable call management functionality for devices such as headsets. For example, you can use this API to answer, hold, and end audio calls on Cisco Jabber for Windows from a headset.

You must enable the accessory manager API with the EnableAccessoriesManager parameter as follows:

```
<Policies>  
  <EnableAccessoriesManager>true</EnableAccessoriesManager>  
</Policies>
```

Important: The accessory manager API requires device plugins from accessory vendors.

Source:

http://www.cisco.com/en/US/docs/voice_ip_comm/jabber/Windows/9_2/JABW_BK_CAAD3F25_00_cisco-jabber-for-windows-release-notes.html

The configuration parameter is added to the jabber-config.xml file retrieved by the Cisco Jabber clients during startup.

The jabber-config.xml file used in this document is a simple configuration file enabled for UDS (User Data Service), which utilizes the Communications Manager End User Directory for directory services. For additional information how to configure and use the jabber-config.xml file, please see the *Jabber for Windows Installation and Configuration Guide*:

http://www.cisco.com/en/US/docs/voice_ip_comm/jabber/Windows/9_2/JABW_BK_C9731738_00_jabber-windows-install-config.html

Installation procedure:

1. Generate or edit jabber-config.xml file
2. Upload jabber-config.xml file to TFTP server
3. Restart TFTP service
4. Test jabber-config.xml file accessibility

1. Generate or edit jabber-config.xml file

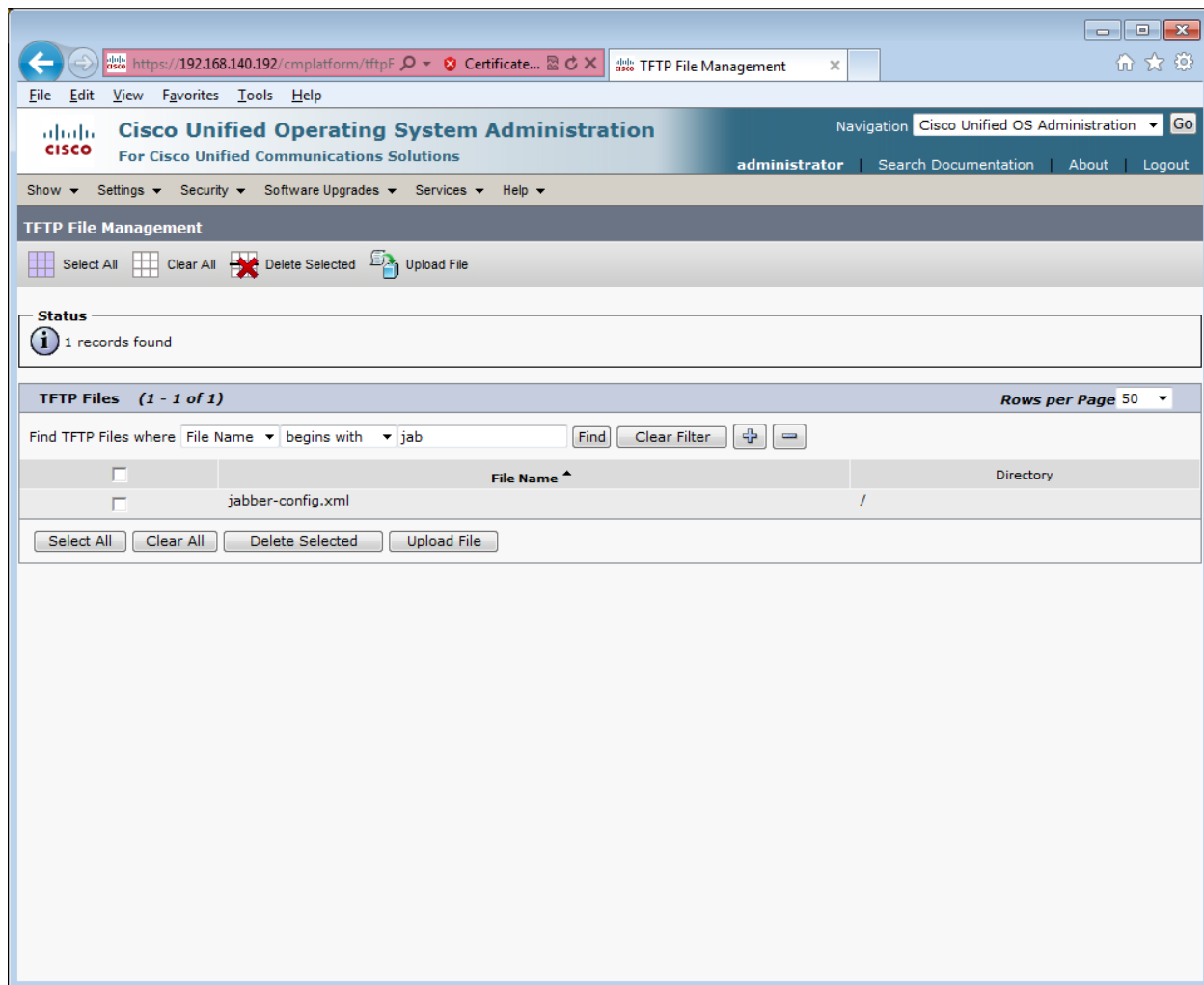
The Accessory Manager parameter is added in the <Policies> section and shown in **RED**.

Jabber-config.xml example file

```
<?xml version="1.0" encoding="utf-8"?>
<config version="1.0">
  <Directory>
    <DirectoryServerType>UDS</DirectoryServerType>
    <PhotoUriWithToken>http://staffphoto.company.com/%%uid%%.jpg</PhotoUriWithToken>
  </Directory>
  <Policies>
    <Screen_Capture_Enabled>true</Screen_Capture_Enabled>
    <Video_Disabled>>false</Video_Disabled>
    <File_Transfer_Enabled>true</File_Transfer_Enabled>
    <EnableAccessoriesManager>true</EnableAccessoriesManager>
  </Policies>
  <Options>
    <Set_Status_Away_On_Inactive>true</Set_Status_Away_On_Inactive>
    <Set_Status_Inactive_Timeout>15</Set_Status_Inactive_Timeout>
    <Set_Status_Away_On_Lock_OS>true</Set_Status_Away_On_Lock_OS>
    <Start_Client_On_Start_OS>>false</Start_Client_On_Start_OS>
  </Options>
</config>
```

2. Upload jabber-config.xml file to TFTP server

Cisco Unified Operating System Administration – Software Upgrades – TFTP File Management



The screenshot displays the Cisco Unified Operating System Administration interface for TFTP File Management. The browser window shows the URL `https://192.168.140.192/cmplatform/tftpF`. The page header includes the Cisco logo and navigation options. The user is logged in as `administrator`. The main content area is titled `TFTP File Management` and features a toolbar with `Select All`, `Clear All`, `Delete Selected`, and `Upload File` buttons. A status bar indicates `1 records found`. Below this, a search section allows filtering by `File Name` with the criteria `begins with jab`. The resulting file list is as follows:

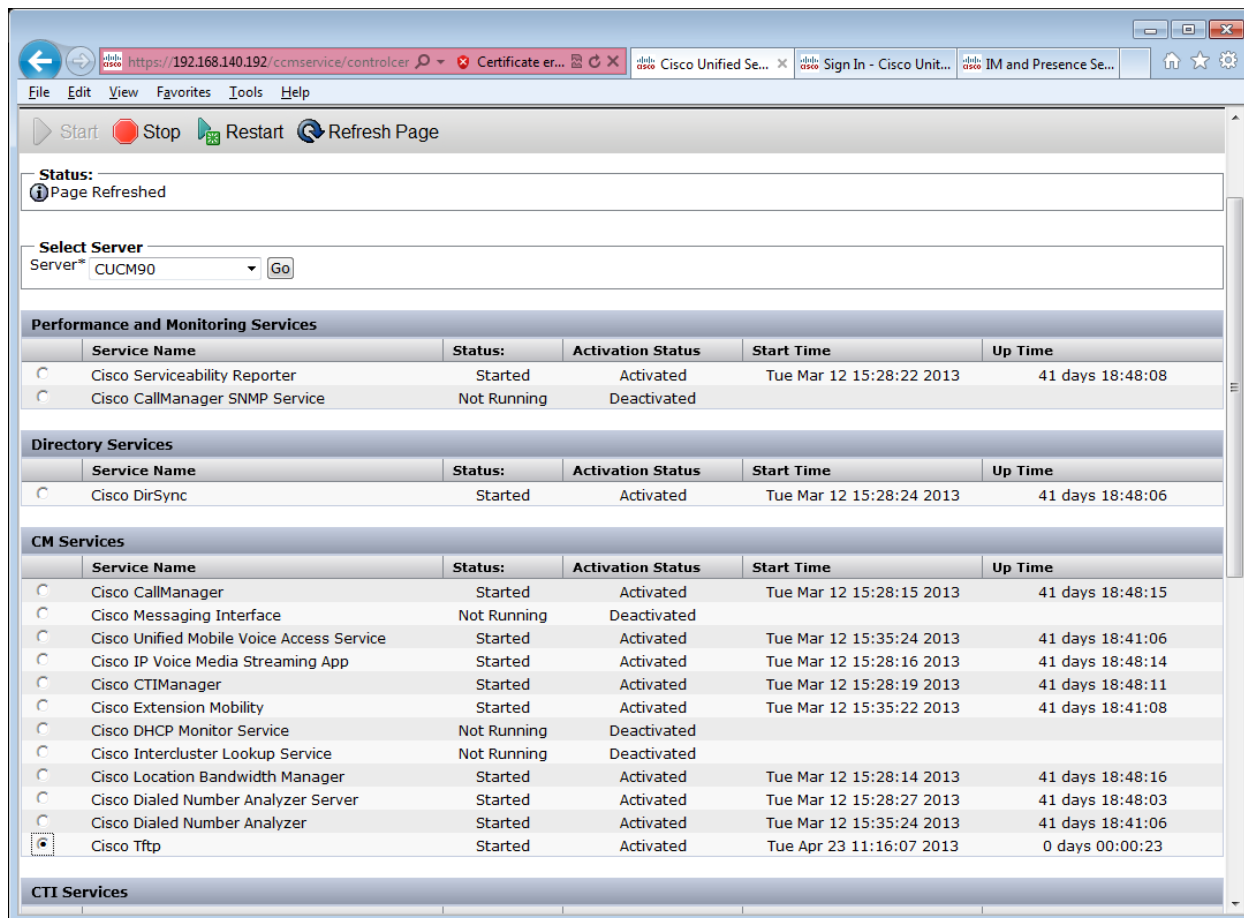
<input type="checkbox"/>	File Name ^	Directory
<input type="checkbox"/>	jabber-config.xml	/

At the bottom of the file list, there are buttons for `Select All`, `Clear All`, `Delete Selected`, and `Upload File`.

Please note. The Jabber-config.xml file should be uploaded to the root directory of each of the CUCM TFTP servers.

3. Restart TFTP service

Cisco Unified Serviceability – Tools – Control Center, Feature Services



The screenshot shows the Cisco Unified Serviceability Control Center interface. At the top, there are navigation buttons: Start, Stop, Restart, and Refresh Page. Below that, the status is 'Page Refreshed'. A 'Select Server' dropdown menu is set to 'CUCM90'. The main content area is divided into several sections:

- Performance and Monitoring Services:**

Service Name	Status	Activation Status	Start Time	Up Time
Cisco Serviceability Reporter	Started	Activated	Tue Mar 12 15:28:22 2013	41 days 18:48:08
Cisco CallManager SNMP Service	Not Running	Deactivated		
- Directory Services:**

Service Name	Status	Activation Status	Start Time	Up Time
Cisco DirSync	Started	Activated	Tue Mar 12 15:28:24 2013	41 days 18:48:06
- CM Services:**

Service Name	Status	Activation Status	Start Time	Up Time
Cisco CallManager	Started	Activated	Tue Mar 12 15:28:15 2013	41 days 18:48:15
Cisco Messaging Interface	Not Running	Deactivated		
Cisco Unified Mobile Voice Access Service	Started	Activated	Tue Mar 12 15:35:24 2013	41 days 18:41:06
Cisco IP Voice Media Streaming App	Started	Activated	Tue Mar 12 15:28:16 2013	41 days 18:48:14
Cisco CTIManager	Started	Activated	Tue Mar 12 15:28:19 2013	41 days 18:48:11
Cisco Extension Mobility	Started	Activated	Tue Mar 12 15:35:22 2013	41 days 18:41:08
Cisco DHCP Monitor Service	Not Running	Deactivated		
Cisco Intercluster Lookup Service	Not Running	Deactivated		
Cisco Location Bandwidth Manager	Started	Activated	Tue Mar 12 15:28:14 2013	41 days 18:48:16
Cisco Dialed Number Analyzer Server	Started	Activated	Tue Mar 12 15:28:27 2013	41 days 18:48:03
Cisco Dialed Number Analyzer	Started	Activated	Tue Mar 12 15:35:24 2013	41 days 18:41:06
Cisco Tftp	Started	Activated	Tue Apr 23 11:16:07 2013	0 days 00:00:23
- CTI Services:** (Section header only, no data visible)

4. Test jabber-config.xml file accessibility

Test the accessibility of the jabber-config.xml file by enter following URL in a Browser:

<http://<TFTP-server>:6970/jabber-config.xml>

Example:

