

## 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](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)

Background information:

The jabber-config.xml file is used by the Cisco Jabber clients to alter default parameter settings. The jabber-config.xml file is located on the (CUCM) TFTP server and retrieved by the Cisco Jabber clients during startup. In a fresh CUCM installation the jabber-config.xml file will not be present on the (CUCM) TFTP server and Jabber clients will use some default parameters.

The jabber-config.xml file can be generated in a simple text editor (notepad) on your workstation and uploaded to the (CUCM) TFTP-server.

At Cisco Support Community you will find a 'Jabber config file generator' to help generate a proper xml file.

<https://supportforums.cisco.com/docs/DOC-25778>

Please note. The Jabber config file generator does not include the 'Accessory Manager' entry... The following line must be added manually:

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

#### Note.

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](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

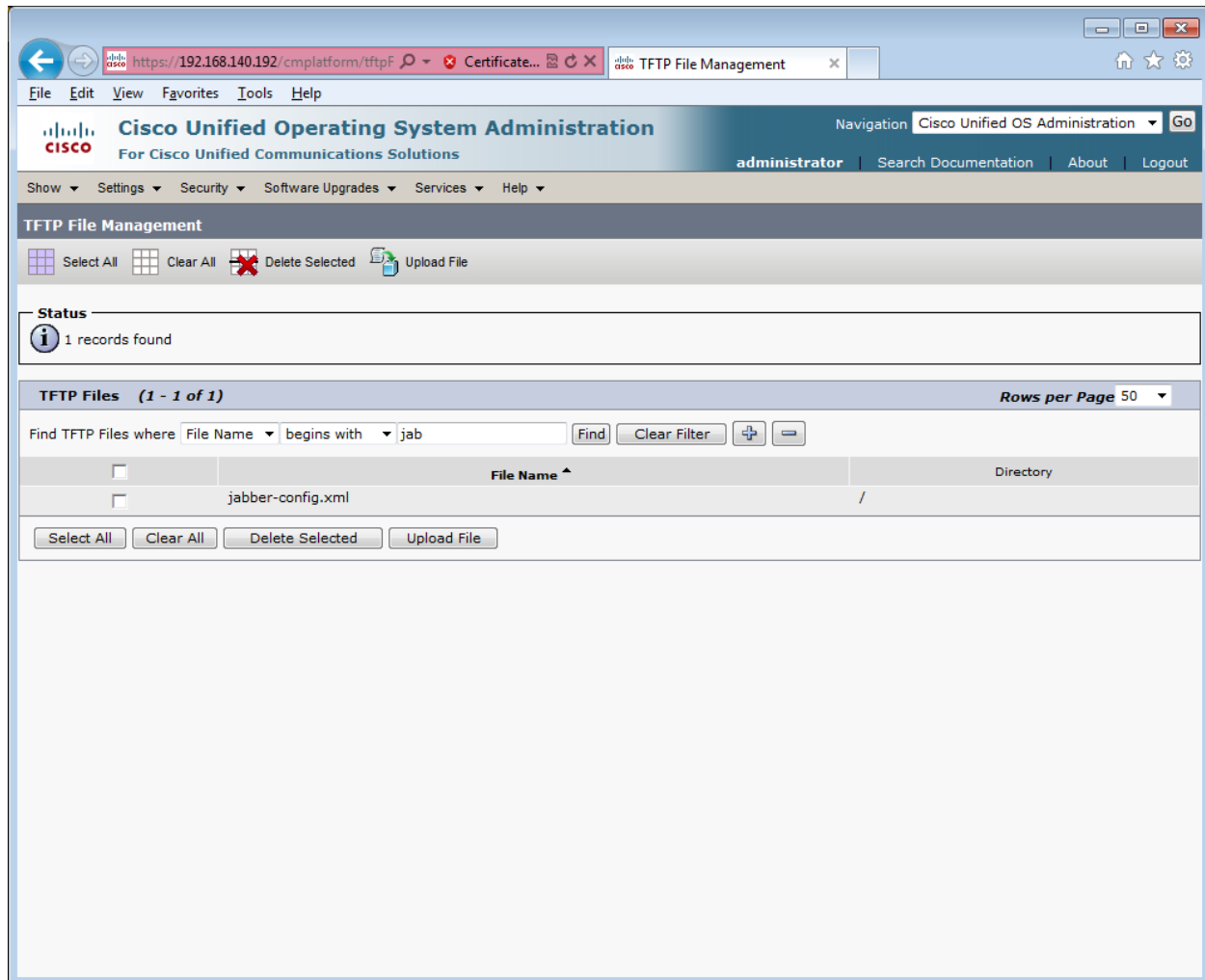
The Accessory Manager parameter is added in the <Policies> section and shown in **RED**.

### 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 address bar shows the URL `https://192.168.140.192/cmplatform/tftpF`. The page title is "TFTP File Management". The navigation bar includes "Cisco Unified Operating System Administration" and "For Cisco Unified Communications Solutions". The user is logged in as "administrator". The main content area shows "TFTP File Management" with buttons for "Select All", "Clear All", "Delete Selected", and "Upload File". A status box indicates "1 records found". Below, a search bar is set to "File Name" and "begins with" "jab". A table lists one file: "jabber-config.xml" in the root directory. At the bottom, 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 web interface. At the top, there are navigation buttons: Start, Stop, Restart, and Refresh Page. Below these is a status bar indicating 'Page Refreshed'. A 'Select Server' dropdown menu is set to 'CUCM90'. The main content area displays three tables of service status:

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	<input type="radio"/>
Cisco CallManager SNMP Service	Not Running	Deactivated			<input type="radio"/>

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	<input type="radio"/>

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	<input type="radio"/>
Cisco Messaging Interface	Not Running	Deactivated			<input type="radio"/>
Cisco Unified Mobile Voice Access Service	Started	Activated	Tue Mar 12 15:35:24 2013	41 days 18:41:06	<input type="radio"/>
Cisco IP Voice Media Streaming App	Started	Activated	Tue Mar 12 15:28:16 2013	41 days 18:48:14	<input type="radio"/>
Cisco CTIManager	Started	Activated	Tue Mar 12 15:28:19 2013	41 days 18:48:11	<input type="radio"/>
Cisco Extension Mobility	Started	Activated	Tue Mar 12 15:35:22 2013	41 days 18:41:08	<input type="radio"/>
Cisco DHCP Monitor Service	Not Running	Deactivated			<input type="radio"/>
Cisco Intercluster Lookup Service	Not Running	Deactivated			<input type="radio"/>
Cisco Location Bandwidth Manager	Started	Activated	Tue Mar 12 15:28:14 2013	41 days 18:48:16	<input type="radio"/>
Cisco Dialed Number Analyzer Server	Started	Activated	Tue Mar 12 15:28:27 2013	41 days 18:48:03	<input type="radio"/>
Cisco Dialed Number Analyzer	Started	Activated	Tue Mar 12 15:35:24 2013	41 days 18:41:06	<input type="radio"/>
Cisco Tftp	Started	Activated	Tue Apr 23 11:16:07 2013	0 days 00:00:23	<input checked="" type="radio"/>

Below the CM Services table is a section for 'CTI Services'.

#### 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:

