

**Main page:** [Cisco Unified Presence, Release 7.x](#)

**Previous Topic**

- [Configuring Cisco Unified Presence Release 7.x for Interdomain Federation](#)

The table below provides a brief checklist relative to configuring federation on the Microsoft servers. For detailed instructions on setting up and deploying the OCS server and the Access Edge server, refer to the Microsoft documentation.

**Table: Configuration tasks for Microsoft Components**

| Server     | Task  | Procedure  |
|------------|---|--|
| OCS Server | Enable Global Federation Setting                        | <ol style="list-style-type: none"> <li>1. Select <b>Properties &gt; Global Properties &gt; Federation</b> in the global forest branch in the left pane.</li> <li>2. Check <b>Enable Federation and Public IM Connectivity</b>.</li> <li>3. Enter the FQDN and the port number for the internal interface of the Access Edge server.</li> </ol>   |
|            | Configure the Access Edge server address                | <ol style="list-style-type: none"> <li>1. Select <b>Properties &gt; Global Properties &gt; Edge Servers</b> in the global forest branch in the left pane.</li> <li>2. Click <b>Add</b> in the Access Edge and Web Conferencing Edge Servers window.</li> <li>3. Enter the FQDN for the internal interface of the Access Edge server.</li> </ol>  |
|            | Enable Each Front End Federation Setting                | <p>You need to enable the federation setting for each front-end server that is federating:</p> <ol style="list-style-type: none"> <li>1. Select <b>Properties &gt; Front End Properties &gt; Federation</b> in the front-end server branch in the left pane.</li> <li>2. Check <b>Enable Federation and Public IM Connectivity</b>.</li> </ol>   |
|            | Check your users are enabled for MOC and for Federation | <ul style="list-style-type: none"> <li>• From the <b>Users</b> tab, check that your users are enabled for MOC.</li> <li>• If your user is not present in this list, you need to enable the user for MOC in Microsoft Active Directory.</li> <li>• You also need to enable the user for <b>Public IM Connectivity</b> in Microsoft Active Directory.</li> </ul> <p>Refer to the Microsoft Active Directory documentation at the following URL:<br/> <a href="http://technet2.microsoft.com/windowsserver/en/technologies/featured/ad/default.aspx">http://technet2.microsoft.com/windowsserver/en/technologies/featured/ad/default.aspx</a></p> |
|            | Configure DNS   | In the Microsoft enterprise deployment, you need to configure an external SRV record for all Access Edge Servers that points to <code>_sipfederationtls._tcp.&lt;domain&gt;</code> , over port 5061, where <code>&lt;domain&gt;</code> is the name of the SIP domain of your organization. This SRV should point to the external FQDN of the Access Edge server.   |
|            | Configure Cisco Unified Presence as an IM Provider      | <ol style="list-style-type: none"> <li>1. Select <b>Start &gt; Administrative Tools &gt; Computer Management</b> on the external Access Edge server.</li> <li>2. Right-click <b>Microsoft Office Communications Server 2007</b> in the left pane.# Click the <b>IM Provider</b> tab.</li> <li>3. Click <b>Add</b>.</li> <li>4. Check <b>Allow the IM service provider</b>.</li> </ol>  |

|                        |                                     |  |
|------------------------|-------------------------------------|--|
|                        |                                     | <ol style="list-style-type: none"> <li>5. Define the IM service provider name, for example, the Cisco Unified Presence server.</li> <li>6. Define the network address of the IM service provider, in this case the public FQDN of the Cisco Unified Presence server.</li> <li>7. Ensure that the IM service provider is not marked as "public".</li> <li>8. Click the filtering option <b>Allow all communications from this provider</b> option.</li> <li>9. Click <b>OK</b>.</li> </ol> <p>In the Cisco Unified Presence enterprise deployment, you need to configure a DNS SRV record that points to <code>_sipfederationtls._tcp.&lt;CUP_domain&gt;</code> over port 5061 where <code>&lt;CUP_domain&gt;</code> is the name of the Cisco Unified Presence domain. This DNS SRV should point to the public FQDN of the Cisco Unified Presence server.</p> |
|                        | Check the Access Method Settings    | <ol style="list-style-type: none"> <li>1. Right-click on Microsoft Office Communications Server 2007 in the console tree.</li> <li>2. Click <b>Properties &gt; Access Methods</b>.</li> <li>3. Check <b>Federation</b>.</li> <li>4. Check <b>Allow discovery</b> if you are using DNS SRV.</li> </ol>  |
|                        | Configure Access Edge to use TLSv1  | <ol style="list-style-type: none"> <li>1. Select <b>Start &gt; Administrative Tools &gt; Local Security Policy</b> to open the Local Security Policy.<br/><b>Note:</b> If you are configuring this on a domain controller, the path is <b>Start &gt; Administrative Tools &gt; Domain Controller Security Policy</b>.</li> <li>2. Click <b>Security Settings &gt; Local Policies &gt; Security Options</b> in the console tree.</li> <li>3. Double-click the FIPS security setting in the details pane.</li> <li>4. Enable the FIPS security setting.</li> <li>5. Click <b>OK</b>.</li> </ol> <p><b>Note:</b> There is a known issue with remote desktop to the Access Edge Server with FIPS enabled on Windows XP. Refer to <a href="#">Unable to Remote Desktop to Access Edge</a> for a resolution to this issue.</p>                                     |
| OCS/Access Edge Server | Configure the security certificates | <ul style="list-style-type: none"> <li>• You need to configure security certificates between the OCS server and the Access Edge server.</li> <li>• You will require a CA server to perform this procedure. * Please refer to the Microsoft documentation for details on configuring security certificates between these servers.</li> </ul>  |

**Related Topics**

- [Configuring Static Routes Using TCP for Direct Federation with a Foreign Domain](#)
- [Common Cisco Adaptive Security Appliance Problems and Recommended Actions](#)
- [Getting More Information](#)