



# External Server Component Configuration for SIP Federation

This section provides information on the External Server Component Configuration for SIP Federation.

- [Microsoft Component Configuration for SIP Federation, on page 1](#)

## Microsoft Component Configuration for SIP Federation

The following tables provide a brief checklist to configure federation on the Microsoft OCS and Access Edge servers. For detailed instructions on setting up and deploying the OCS server and the Access Edge server, refer to the Microsoft documentation.

**Table 1: Configuration Tasks for Microsoft Components - OCS Server**

Task	Procedure
Enable Global Federation Setting	<ol style="list-style-type: none"> <li>1. In the global forest branch in the left pane, choose <b>Properties &gt; Global Properties &gt; Federation</b>.</li> <li>2. Check the <b>Enable Federation and Public IM Connectivity</b> check box.</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. In the global forest branch in the left pane, choose <b>Properties &gt; Global Properties &gt; Edge Servers</b>.</li> <li>2. In the <b>Access Edge and Web Conferencing Edge Servers</b> window, click <b>Add</b>.</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. In the front-end server branch in the left pane, choose <b>Properties &gt; Front End Properties &gt; Federation</b>.</li> <li>2. Check the <b>Enable Federation and Public IM Connectivity</b> check box.</li> </ol>

Task	Procedure
Check your users are enabled for MOC and for Federation	<ul style="list-style-type: none"> <li>• Choose the <b>Users</b> tab and 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:  <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 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>• A CA server is required to perform this procedure.</li> <li>• Please refer to the Microsoft documentation for details on configuring security certificates between these servers.</li> </ul>

**Table 2: Configuration Tasks for Microsoft Components - Access Edge Server**

Task	Procedure
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.domain</code> , over port 5061, where <i>domain</i> is the name of the SIP domain of your organization. This SRV should point to the external FQDN of the Access Edge server.

Task	Procedure
Configure IM and Presence Service as an IM Provider	<ol style="list-style-type: none"> <li>1. On the external Access Edge server, choose <b>Start &gt; Administrative Tools &gt; Computer Management</b>.</li> <li>2. In the left pane, right-click <b>Microsoft Office Communications Server 2007</b>.</li> <li>3. Choose the <b>IM Provider</b> tab.</li> <li>4. Click <b>Add</b>.</li> <li>5. Check the <b>Allow the IM service provider</b> check box.</li> <li>6. Define the IM service provider name, for example, the IM and Presence Service node.</li> <li>7. Define the network address of the IM service provider, in this case the public FQDN of the IM and Presence Service node.</li> <li>8. Ensure that the IM service provider is not marked as “public”.</li> <li>9. Click the filtering option <b>Allow all communications from this provider</b> option.</li> <li>10. Click <b>OK</b>.</li> </ol> <p>In the IM and Presence Service enterprise deployment, you need to configure a DNS SRV record for each IM and Presence Service domain. The DNS SRV record should point to <i>_sipfederationtls._tcp.IM and Presence_domain</i> over port 5061, where <i>IM and Presence_domain</i> is the name of the IM and Presence Service domain. This DNS SRV should point to the public FQDN of the IM and Presence Service node.</p>
Check the Access Method Settings	<ol style="list-style-type: none"> <li>1. In the console tree, right-click on Microsoft Office Communications Server 2007.</li> <li>2. Choose <b>Properties &gt; Access Methods</b>.</li> <li>3. Check the <b>Federation</b> check box.</li> <li>4. Check the <b>Allow discovery</b> check box if you are using DNS SRV.</li> </ol>

Task	Procedure
Configure Access Edge to use TLSv1	<ol style="list-style-type: none"> <li>1. To open the Local Security Policy, choose <b>Start &gt; Administrative Tools &gt; Local Security Policy</b>.           <p><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>.</p> </li> <li>2. In the console tree, choose <b>Security Settings &gt; Local Policies &gt; Security Options</b>.</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>
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>• A CA server is required to perform this procedure.</li> <li>• Please refer to the Microsoft documentation for details on configuring security certificates between these servers.</li> </ul>