



Configuration Workflows for Interdomain Federation

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Note

Only Cisco Unified Presence Release 8.5(2) or later supports interdomain federation with Microsoft Lync. For Cisco Unified Presence Release 8.5(2) or later, any reference to interdomain federation with OCS also includes Microsoft Lync, unless explicitly stated otherwise.

Configuration Workflow for SIP Federation with Microsoft OCS

- Configure a federated domain on Cisco Unified Presence for Microsoft OCS federation, see [Adding a SIP Federated Domain](#), page 4-2.
- Configure the DNS SRV records, see [DNS Configuration for SIP Federation](#), page 4-3.
- Configure the routing on Cisco Unified Presence for Microsoft OCS federation, see [How to Configure the Routing Configuration on Cisco Unified Presence](#), page 4-3
- (Optional) Configure the email address for federation feature, see [How To Configure Email Address for Federation](#), page 4-9.
- Configure the TLS security settings on Cisco Unified Presence, see [How to Configure the Security Settings on Cisco Unified Presence](#), page 4-5
- Configure the Cisco Adaptive Security Appliance for Microsoft OCS federation, see [Configuring Cisco Adaptive Security Appliance for SIP Federation](#), page 6-1 and [Configuring the TLS Proxy on Cisco Adaptive Security Appliance](#), page 7-1.
- Configure certificate exchange for Microsoft OCS federation, see [Configuring Security Certificates for SIP Federation \(with Cisco Adaptive Security Appliance\)](#), page 5-1

- Configure the Microsoft OCS server, see [Configuring the Foreign Server Components for SIP Federation, page 9-1](#).
- (Optional) Configure a load balancer for redundancy, see [Configuring the Load Balancer for Redundancy for SIP Federation, page 10-1](#)
- For troubleshooting information on Microsoft OCS federation, see [Troubleshooting a SIP Federation Integration, page 15-1](#)

Configuration Workflow for SIP Federation with Microsoft Lync

- Configure a federated domain on Cisco Unified Presence for Microsoft Lync federation, see [Adding a SIP Federated Domain, page 4-2](#).
- Configure the DNS SRV records, see [DNS Configuration for SIP Federation, page 4-3](#).
- Configure the routing on Cisco Unified Presence for Microsoft Lync federation, see [How to Configure the Routing Configuration on Cisco Unified Presence, page 4-3](#)
- (Optional) Configure the email address for federation feature, see [How To Configure Email Address for Federation, page 4-9](#).
- Configure the TLS security settings on Cisco Unified Presence, see [How to Configure the Security Settings on Cisco Unified Presence, page 4-5](#)
- Configure the Cisco Adaptive Security Appliance for Microsoft Lync federation, see [Configuring Cisco Adaptive Security Appliance for SIP Federation, page 6-1](#) and [Configuring the TLS Proxy on Cisco Adaptive Security Appliance, page 7-1](#).
- Configure certificate exchange for Microsoft Lync federation, see [Configuring Security Certificates on Lync Edge Server for TLS Federation, page 5-14](#).
- Configuration of Lync Server 2010 and Edge Servers for interdomain federation differs from that outlined within this guide for OCS. For information on configuring the Lync enterprise for interdomain federation with Cisco Unified Presence, see Microsoft documentation [http://technet.microsoft.com/en-us/library/gg399048\(v=ocs.14\).aspx](http://technet.microsoft.com/en-us/library/gg399048(v=ocs.14).aspx)

Configuration Workflow for SIP Federation with AOL

- Establish an AOL license to enable AOL Federation, see [License Requirements for AOL Federation, page 9-4](#), [AOL Routing Information Requirements, page 9-5](#) and [AOL Provisioning Information Requirements, page 9-5](#).
- Configure federated domains on Cisco Unified Presence for AOL federation, see [Adding a SIP Federated Domain, page 4-2](#).
- Configure DNS SRV records, see [DNS Configuration for SIP Federation, page 4-3](#). If you are not using DNS, see the next step).
- Configure the routing for AOL federation, see [Configuring Static Routes Using TLS, page 4-4](#).
- (Optional) Verify and configure the Default Federation Routing Domain for AOL hosted domains, see [How to Configure the Routing Information for AOL Federation, page 4-7](#).
- (Optional) Configure the email address for federation feature, see [How To Configure Email Address for Federation, page 4-9](#).

- Configure the TLS security settings and certificates on Cisco Unified Presence, see [How to Configure the Security Settings on Cisco Unified Presence](#), page 4-5 and [Security Certificate Exchange Between Cisco Adaptive Security Appliance and AOL SIP Access Gateway](#), page 5-15.
- Configure Cisco Adaptive Security Appliance for AOL, see [AOL SIP Access Gateway](#), page 2-5 for information on AOL FQDN, server port, and the public IP address.
- (Optional) Configure a load balancer for redundancy, see [Configuring the Load Balancer for Redundancy for SIP Federation](#), page 10-1.

Configuration Workflow for XMPP Federation

**Note**

Follow this workflow for Webex, Cisco Unified Presence, IBM Sametime and GoogleTalk federation.

- Configure Cisco Unified Presence for XMPP federation, see [Configuring Cisco Unified Presence for XMPP Federation](#), page 11-1.
- Configure security for XMPP federation (not applicable for GoogleTalk), see [Configuring Security Certificates for XMPP Federation](#), page 12-1.
- (Optional) Configure the email address for federation feature, see [Turning On Email for XMPP Federation](#), page 11-12 and [How To Configure Email Address for Federation](#), page 4-9.
- Turn on the XMPP Federation service, see [Turning On the XMPP Federation Service](#), page 11-12.
- Configure Cisco Adaptive Security Appliance for XMPP federation, see [Configuring Cisco Adaptive Security Appliance for XMPP Federation](#), page 11-10.
- For troubleshooting information on XMPP federation, see [Troubleshooting an XMPP Federation Integration](#), page 16-1

Configuration Workflow for SIP Federation with Microsoft OCS/Lync within an Enterprise

- Configure a federated domain on Cisco Unified Presence for Microsoft OCS federation, see [Adding a Microsoft OCS Domain within an Enterprise](#), page 8-1.
- Configure static routes for direct Microsoft OCS/Lync federation, see [Configuring Interdomain Federation to Microsoft OCS/Lync within an Enterprise](#), page 8-1.
- (Optional) Configure the TLS security settings and certificates on Cisco Unified Presence, see [How to Configure Static Routes Using TLS for Federation with Microsoft OCS Domain](#), page 8-5.

Configuration Workflow for Cisco Adaptive Security Appliance for SIP Federation

- Configure certificates between Cisco Adaptive Security Appliance and Cisco Unified Presence (inside interface), see [How to Configure Security Certificate Exchange Between Cisco Unified Presence and Cisco Adaptive Security Appliance](#), page 5-1.

- Configure certificates between Cisco Adaptive Security Appliance and the federated domain (outside Interface), see [How to Configure Security Certificate Exchange Between Cisco Adaptive Security Appliance and Microsoft Access Edge \(External Interface\) Using a Microsoft CA](#), page 5-5 and [Security Certificate Exchange Between Cisco Adaptive Security Appliance and AOL SIP Access Gateway](#), page 5-15.
- Configure PAT rules for private to public messaging, see [About Port Address Translation \(PAT\)](#), page 6-3.
- Configure static PAT for public to private messaging, see [About Sample Static PAT Commands](#), page 6-8.
- Configure the required access lists, see [Access List Configuration Requirements](#), page 7-2.
- Configure the TLS proxy instances, see [Configuring the TLS Proxy Instances](#), page 7-4.
- Associate the access lists with the TLS proxy, see [Associating an Access List with a TLS Proxy Instance Using Class Maps](#), page 7-5.