

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

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### Previous Topic

- [Configuring Cisco Unified Presence Release 7.x with Microsoft OCS for Remote Call Control](#)

This topic is only applicable if you require a secure connection between Cisco Unified Presence and Microsoft OCS.

- [Configuring a TLS Route for Cisco Unified Presence on Microsoft OCS](#)
- [Configuring Cisco Unified Presence as an Authenticated Host on Microsoft OCS](#)
- [Configuring Microsoft OCS to use TLSv1](#)
- [Creating a new TLS Peer Subject for Microsoft OCS on Cisco Unified Presence](#)
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## Configuring a TLS Route for Cisco Unified Presence on Microsoft OCS

### Procedure

1. Launch the Microsoft Office Communications Server 2007 application.
2. Right-click on Microsoft OCS Server pool in the right pane.
3. Select **Properties > Front End Properties**.

4. Select the Routing tab from the Front End Server Properties dialog box.

5. Select **Add**.

6. Perform the following actions to add a static route:

◇ Enter the hostname/FQDN for Cisco Unified Presence in the Domain field.

**Note:** This should match with Subject CN of the Cisco Unified Presence certificate otherwise Microsoft OCS will not establish a TLS connection with Cisco Unified Presence.

◇ Select **TLS** from the Transport menu.

◇ Enter **5062** in the Port field. The port number 5062 is the default Cisco Unified Presence port where it listens for peer authentication TLS connections.

◇ Check **Replace host in request URI**.

◇ Select **OK**.

#### Troubleshooting Tips

You can check Subject CN of a Cisco Unified Presence certificate by selecting **Cisco Unified Operating System Administration > Security > Certificate Management**, and selecting on a certificate entry in the certificate list.

#### What To Do Next

[Configuring Cisco Unified Presence as an Authenticated Host on Microsoft OCS](#)

## Configuring Cisco Unified Presence as an Authenticated Host on Microsoft OCS

#### Procedure

1. Launch the Microsoft Office Communications Server 2007 application.
2. Right-click on Microsoft OCS Server pool in the right pane.
3. Select **Properties > Front End Properties**.
4. Select the Host Authorization tab.
5. Select **Add**.
6. Select on **FQDN** and enter the CUP X.509 Subject Common Name as it appears in its certificate.
7. Check **Throttle** as server.
8. Check **Treat as Authenticated**.
9. Select **OK**.
10. Reboot the Microsoft OCS server. When the server reboots, the Microsoft OCS server pool should display the outbound static route just configured.

## What To Do Next

[Configuring Microsoft OCS to use TLSv1](#)

## Configuring Microsoft OCS to use TLSv1

Cisco Unified Presence only supports TLSv1 so you must configure Microsoft OCS to use TLSv1. This procedure describes how to configure FIPS-compliant algorithms on Microsoft OCS to ensure that Microsoft OCS sends TLSv1 with TLS cipher TLS\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA. In this procedure Microsoft OCS is configured on a domain controller.

### Procedure

1. Select **Start > Administrative Tools > Domain Controller Security Policy**.
2. Select **Security Settings** in the console tree.
3. Select **Local Policies**.
4. Select **Security Options**.
5. Double-click the FIPS security setting in the Details pane.
6. Modify the security setting.
7. Select **OK**.

## What To Do Next

[Creating a new TLS Peer Subject for Microsoft OCS on Cisco Unified Presence](#)

## Creating a new TLS Peer Subject for Microsoft OCS on Cisco Unified Presence

### Procedure

1. Select **Cisco Unified Presence Administration > Cisco Unified Presence > Security > TLS Peer Subjects**.
2. Select **Add New**.
3. Enter the subject CN of the certificate that Microsoft OCS presents in the Peer Subject Name field.

## What To Do Next

4. Enter the name of the Microsoft OCS server in the Description field.
5. Select **Save**.

#### What To Do Next

#### Adding the TLS Peer to the Selected TLS Peer Subjects List on Cisco Unified Presence

## Adding the TLS Peer to the Selected TLS Peer Subjects List on Cisco Unified Presence

#### Before You Begin

Create a new TLS Peer Subject for Microsoft OCS on Cisco Unified Presence.

#### Procedure

1. Select **Cisco Unified Presence Administration > System > Security > TLS Context Configuration**.
2. Select **Find**.
3. Select **Default\_Cisco\_UPS\_SIP\_Proxy\_Peer\_Auth\_TLS\_Context**.

The TLS Context Configuration window displays.

1. From the list of available TLS ciphers, select **TLS\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA**.
2. Select the right arrow to move this cipher to Selected TLS Ciphers.
3. Check **Disable Empty TLS Fragments**.
4. From the list of available TLS peer subjects, select the TLS peer subject that you configured.
5. Select the right arrow to move it to Selected TLS Peer Subjects.
6. Select **Save**.