



CHAPTER 8

Networking in Cisco Unity Guide

This chapter should be used in conjunction with the *Networking in Cisco Unity Guide, Release 4.0(5)*. Information that has changed in the *Networking in Cisco Unity Guide, Release 4.0(5)*—either because Cisco Unity functionality changed, or because information was omitted or is incorrect—is described in the “[Errors and Changes](#)” section.

The Domino version of the guide is available at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/405/networking/guide/dom/dom.html; the Exchange version of the guide is available at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/405/networking/guide/ex/ex.html.

Errors and Changes

The following sections apply to the *Networking in Cisco Unity Guide (With IBM Lotus Domino), Release 4.0(5)* at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/405/networking/guide/dom/dom.html and to the *Networking in Cisco Unity Guide (With Microsoft Exchange), Release 4.0(5)* at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/405/networking/guide/ex/ex.html, unless otherwise noted:

- [Changes That Affect All Cisco Unity Guides](#), page 8-2
- [Identified Subscriber Messaging Field Name Changed in Cisco Unity Administrator](#), page 8-2
- [Requirements for Setting Up Digital Networking \(Cisco Unity with Exchange Only\)](#), page 8-2
- [Creating the UAMIS Account \(Cisco Unity with Exchange Only\)](#), page 8-3
- [Creating the UVPIM Account by Using ConfigMgr.exe \(Cisco Unity with Exchange Only\)](#), page 8-3
- [Upgrading and Uninstalling Networking Options \(Cisco Unity with Exchange Only\)](#), page 8-4

Changes That Affect All Cisco Unity Guides

Cross-References to System Requirements Document

In cross-references to *Cisco Unity 4.x System Requirements, and Supported Hardware and Software*, refer instead to the following documents:

- *Cisco Unity 4.2 System Requirements* at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/42/requirements/42cusysreq.html.
- *Supported Hardware and Software, and Support Policies for Cisco Unity 4.2 and Later* at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/42/support/42lsupp.html.

Exchange 5.5 No Longer Supported

Exchange 5.5 is no longer supported as the message store for Cisco Unity messages, for either new installations or upgrades. In Cisco Unity guides and Help, ignore any references to Exchange 5.5 as being supported. (Some Cisco Unity applications may contain Exchange 5.5 references as well.)

With Cisco Unity 4.2, installations and upgrades will fail when Exchange 5.5 is the message store. Before you can upgrade to version 4.2, you must upgrade to Exchange 2003 or Exchange 2000.

Windows NT Domain No Longer Supported

Making a Cisco Unity server a member server in a Windows NT domain is no longer supported. In Cisco Unity guides and Help, ignore any references to a Windows NT domain as being supported. (Some Cisco Unity applications may contain Windows NT domain references as well.)

Identified Subscriber Messaging Field Name Changed in Cisco Unity Administrator

On the System > Configuration > Settings page in the Cisco Unity Administrator, a field related to Identified Subscriber Messaging has been changed to clarify what the check box controls. The old field name was “Subscribers Are Identified as Message Senders Only If They Log On.” The field name has been changed to “Disable Identified Subscriber Messaging.”

The *Networking in Cisco Unity Guide* refers to the old field name.

Note that Cisco Unity Administrator Help has been updated to reflect the new field name.

(Links to the [Domino version of the guide](#) and to the [Exchange version of the guide](#).)

Requirements for Setting Up Digital Networking (Cisco Unity with Exchange Only)

The “Requirements for Setting Up Digital Networking” section in the “[Digital Networking](#)” chapter states that Cisco Unity servers that are digitally networked together can be any combination of Cisco Unity servers, version 3.1(2) or later. This statement is not correct for Cisco Unity version 4.1(1) and later. Only Cisco Unity version 4.0(1) and later servers can be digitally networked with Cisco Unity 4.1(1) or later servers.

For more information, see the “Digital Networking Requirements for Cisco Unity with Exchange” section of *Cisco Unity Networking Options Requirements* at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/compatibility/matrix/cunetoptionsreqs4x.html.

Creating the UAMIS Account (Cisco Unity with Exchange Only)

The “Creating the UAmis Account” section in the “[AMIS Networking](#)” chapter omitted the following information relevant to running ConfigMgr.exe to create the UAmis account.

In Cisco Unity release 4.2(1), the Permissions wizard includes a new option to set permissions that are required for AMIS, Bridge, and VPIM networking. When you run ConfigMgr.exe, if you did not choose this option, the ConfigMgr.exe utility will indicate that you need to run the Permissions wizard, select the option for AMIS, Bridge, and VPIM networking, and manually delegate Exchange administration control to the installation and directory services accounts (if you have not already done so).

If you receive this error message, do the following tasks:

1. Click OK and exit the ConfigMgr.exe utility.
2. Download and run the latest version of the Permissions wizard from CiscoUnityTools.com, or run the version that appears in the Utilities\PermissionsWizard directory on the shipping Cisco Unity 4.2(1) CD or DVD.
3. Follow the Permissions wizard instructions to select the option for AMIS, Bridge, and VPIM networking, and to manually delegate Exchange administration control. For additional information, see Permissions wizard Help.
4. Rerun ConfigMgr.exe.

Creating the UVPIM Account by Using ConfigMgr.exe (Cisco Unity with Exchange Only)

The “Creating the UVPIM Account by Using ConfigMgr.exe (Optional)” section in the “[VPIM Networking](#)” chapter omitted the following information relevant to running ConfigMgr.exe to create the UVPIM account.

In Cisco Unity release 4.2(1), the Permissions wizard includes a new option to set permissions that are required for AMIS, Bridge, and VPIM networking. When you run ConfigMgr.exe, if you did not choose this option, the ConfigMgr.exe utility will indicate that you need to run the Permissions wizard, select the option for AMIS, Bridge, and VPIM networking, and manually delegate Exchange administration control to the installation and directory services accounts (if you have not already done so).

If you receive this error message, do the following tasks:

1. Click OK and exit the ConfigMgr.exe utility.
2. Download and run the latest version of the Permissions wizard from CiscoUnityTools.com, or run the version that appears in the Utilities\PermissionsWizard directory on the shipping Cisco Unity 4.2(1) CD or DVD.
3. Follow the Permissions wizard instructions to select the option for AMIS, Bridge, and VPIM networking, and to manually delegate Exchange administration control. For additional information, see Permissions wizard Help.
4. Rerun ConfigMgr.exe.

Upgrading and Uninstalling Networking Options (Cisco Unity with Exchange Only)

The “[Upgrading and Uninstalling Networking Options](#)” chapter omits important information related to upgrading to Cisco Unity 4.1(1) or later. The updated information appears in the following sections:

- [Upgrading with Digital Networking](#), page 8-4
- [Upgrading with SMTP Networking or AMIS Networking](#), page 8-4
- [Upgrading with VPIM Networking: AD Schema Update Required](#), page 8-4
- [Upgrading with VPIM Networking: Re-Running ConfigMgr.exe](#), page 8-5
- [Upgrading with VPIM Networking: Using the Latest Version of the Voice Connector](#), page 8-5

Upgrading with Digital Networking

Note that if you upgrade one or more Cisco Unity servers to version 4.1(1) or later, you should upgrade all other digitally networked Cisco Unity servers to version 4.0(1) or later. For more information, see the “[Digital Networking Requirements for Cisco Unity with Exchange](#)” section of *Cisco Unity Networking Options Requirements* at

http://www.cisco.com/en/US/docs/voice_ip_comm/unity/compatibility/matrix/cunetoptionsreqs4x.html.

Upgrading with SMTP Networking or AMIS Networking

Note that if you upgrade one or more Cisco Unity servers to version 4.1(1) or later, you should upgrade all instances of the Cisco Unity Voice Connector for Microsoft Exchange to 11.0(1) or later.

We recommend that you use the latest version of the Cisco Unity Voice Connector for Microsoft Exchange that is supported for your version of Cisco Unity. If you call Cisco TAC with a problem related to networking, the Cisco TAC engineer may require that you upgrade to a newer supported version of the Voice Connector, if one is available.

For more information, see the applicable section of *Cisco Unity Networking Options Requirements*:

- “[Version Requirements for SMTP Networking in Cisco Unity with Exchange](#)”
- “[Version Requirements for AMIS Networking in Cisco Unity with Exchange](#)”

The document is available at

http://www.cisco.com/en/US/docs/voice_ip_comm/unity/compatibility/matrix/cunetoptionsreqs4x.html.

Upgrading with VPIM Networking: AD Schema Update Required

In Cisco Unity release 4.2(1), the property set `cisco-Ecsbu-Unity-Information` was added to the Cisco Unity Directory Monitor schema extensions to accommodate changes to the Cisco Unity Permissions wizard. Associated updates were also made to the Cisco Unity Bridge and Cisco Unity VPIM extensions.

When upgrading Cisco Unity from an earlier release with VPIM Networking, you must update the VPIM extensions as well as the Directory Monitor extensions. The schema updates must be applied at a specific point during the upgrade process. Be sure to follow the instructions in the *Cisco Unity Reconfiguration and Upgrade Guide* that apply to your situation.

Note that the changes are backward compatible with earlier versions of Cisco Unity; if you have multiple servers connected via Digital Networking, you can apply the required schema updates in order to upgrade one Cisco Unity server to 4.2(1) even if other servers continue to run earlier versions of Cisco Unity. (For a list of Cisco Unity version combinations that are supported for networked Cisco Unity servers, see the “Digital Networking Requirements for Cisco Unity with Exchange” section in the *Cisco Unity Networking Options Requirements* at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/compatibility/matrix/cunetoptionsreqs4x.html.)

Upgrading with VPIM Networking: Re-Running ConfigMgr.exe

In Cisco Unity 4.0(5) and later, you can configure VPIM delivery locations to allow Cisco Unity to automatically create, modify, and delete VPIM subscribers based on the information that is received in incoming VPIM messages. If you are using this feature, each time you upgrade the VPIM bridgehead server, you must run ConfigMgr.exe to properly configure the server to automatically start and stop the CsVPIMConnector service.

In Cisco Unity release 4.2(1), the Permissions wizard includes a new option to set permissions that are required for AMIS, Bridge, and VPIM networking. When you run ConfigMgr.exe, if you did not choose this option, the ConfigMgr.exe utility will indicate that you need to run the Permissions wizard, select the option for AMIS, Bridge, and VPIM networking, and manually delegate Exchange administration control to the installation and directory services accounts (if you have not already done so).

If you receive this error message, do the following tasks:

1. Click OK and exit the ConfigMgr.exe utility.
2. Download and run the latest version of the Permissions wizard from CiscoUnityTools.com, or run the version that appears in the Utilities\PermissionsWizard directory on the shipping Cisco Unity 4.2(1) CD or DVD.
3. Follow the Permissions wizard instructions to select the option for AMIS, Bridge, and VPIM networking, and to manually delegate Exchange administration control. For additional information, see Permissions wizard Help.
4. Rerun ConfigMgr.exe.

Upgrading with VPIM Networking: Using the Latest Version of the Voice Connector

Note that if you upgrade one or more Cisco Unity servers to version 4.1(1) or later, you should upgrade all instances of the Cisco Unity Voice Connector for Microsoft Exchange to 11.0(1) or later.

We recommend that you use the latest version of the Cisco Unity Voice Connector for Microsoft Exchange that is supported for your version of Cisco Unity. If you call Cisco TAC with a problem related to networking, the Cisco TAC engineer may require that you upgrade to a newer supported version of the Voice Connector, if one is available.

For more information, see the “Version Requirements for VPIM Networking in Cisco Unity with Exchange” section of *Cisco Unity Networking Options Requirements*, at http://www.cisco.com/en/US/docs/voice_ip_comm/unity/compatibility/matrix/cunetoptionsreqs4x.html.

