



Cisco Unity to Unity Connection Migration Validated Test Report for Japan

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Americas Headquarters

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CHAPTER

Cisco Unity to Unity Connection Migration Validated Test report for Japan

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Overview

Cisco Unity has been Cisco's premiere voice messaging solution. Customers around the world implemented Unity and in turn, it became the ruler which most competitive solutions would ultimately be measured against. However, a combination of technological, organizational, and competitive factors brought about the need for a new voice messaging platform. A platform which offered the stability of an appliance, a robust and flexible feature-set, as well as the ability to bridge the gap between a standard voicemail-only solution and a full scale Unified Messaging solution.

Unity Connection is Cisco's first and only Linux-based voice messaging appliance. Based on the same platform as the highly successful Linux-based Cisco Unified Communications Manager, Unity Connection offers customers an increase in uptime coupled with a decrease in maintenance time. When compared to Unity, which is a Windows-based application, Unity Connection also requires significantly less setup time.

This document contains the test results of Cisco unity to Cisco unity connection migration testing with Japanese localized environment. The testing involves migration of different Release of Cisco unity to Cisco unity connection in Japanese environment.

To meet the goals for scalability and user features, Cisco IT decided to migrate from Cisco Unity to Cisco Unity Connection .

Cisco has developed a set of migration tools called the Consolidated Object Backup and Restore Application Suite (COBRAS) that enable customers to perform a variety of functions. By using the COBRAS import tool

the Migration of Cisco Unity to Unity Connection can be done. All the subscribers and the features should be restored to unity connection after the migration.

Procedure for Taking Backup from Cisco Unity

Procedure

Install COBRAS export tool version 7.0.120 in Cisco unity
Select Start > All Programs > Cisco Unity Tools Depot > Administration Tools > COBRAS Export tool.
Double-click COBRAS Export tool . A store Database popup will appear. In the pop-up window, click the Browse button to select the folder to store the backup.
Click Export data button. The backup is stored in the selected folder.

Procedure for Restoring Cisco Unity Backup to Cisco Unity Connection

Procedure

Step 1	Select the Cisco unity connection Administrator page > Users > Add New to add a new user.
Step 2	In User Type, change user with mailbox to user without mailbox and fill all the required fields and save.
Step 3	Select the user and select Edit option >Password settings > Check-does not expires.
Step 4	Select the user and select Edit > Change Password and change the Web Application password.
Step 5	Select the user and select Edit option > Roles . Move the Remote Administrator from the Available Roles to Assigned roles and save.
Step 6	Navigate to Cisco Unity Connection Administrator > system settings >advance>connection administrator>Change the Database Proxy: Service Shutdown Timer (in Days) – No. of days.
Step 7	In Cisco Unity Connection Administrator>System Settings>SMTP configuration>server>Check "Allow connections from untrusted IP addresses" and disable the "Transport layer security from untrusted IP addresses" and save.
Step 8	Select Cisco Unity Connection Serviceability >Tools > Service management > In Optional Services > Activate Connection Database Proxy.
Step 9	Install COBRAS Import Tool Ver 1.2.4 in Windows English OS (Pre requestNET 2.0 and the Informix ODBC Drivers)
Step 10	Select Start > All programs > Cisco Systems > COBRAS > COBRAS import for connection
Step 11	Double-click the COBRAS import tool; "Cisco Unity Connection login" popup will appears on the screen.
Step 12	Provide the Unity connection IP in the Server option
Step 13	Login using the user credentials added in the Step 1 and click OK button.
Step 14	COBRAS Import for Unity connection popup window will open on the screen. In select backup database location > browse and select the folder where the unity backup file is saved.
Step 15	Follow the instructions and import the unity data into the unity connection.

Migration Procedure of Cisco Unity 4.0(5) to Cisco Unity Connection8.6.(2a)SU1

Test Description:

I

To Verify Cisco Unity 4.0(5) data is restored successfully to Cisco Unity Connection 8.6(2a) SU1 using COBRAS Import Tool.

Procedure

- Step 1 Select the Cisco unity connection Administrator page> Users> Add New to add a new user.
- **Step 2** In User Type, change "user with mailbox" to "user without mailbox" and fill all the required fields and save.
- Step 3 Select the user and select Edit option > Password settings > Check-does not expires.
- **Step 4** Select the user and select Edit > Change Password and change the Web Application password.
- Step 5 Select the user and select Edit option > Roles. Move the Remote Administrator from the Available Roles to Assigned roles and save.
- **Step 6** Navigate to Cisco Unity Connection Administrator > System Settings > Advance > Connection Administrator > Change the Database Proxy: Service Shutdown Timer (in Days) - No. of days.
- Step 7 In Cisco Unity Connection Administrator > System Settings > SMTP configuration > server > Check "Allow connections from untrusted IP addresses" and disable the "Transport layer security from untrusted IP addresses" and save.
- Step 8 Select Cisco Unity Connection Serviceability >Tools > Service management > In Optional Services > Activate Connection Database Proxy.
- **Step 9** Install COBRAS Import Tool Ver 1.2.4 in Windows English OS (Pre request-.NET 2.0 and the Informix ODBC Drivers)
- Step 10 Select Start > All programs > Cisco Systems > COBRAS > COBRAS import for connection
- Step 11 Double-click the COBRAS import tool; "Cisco Unity Connection login" popup will appears on the screen.
- **Step 12** Provide the Unity connection IP in the Server option
- **Step 13** Login using the user credentials added in the **Step 1** and click **OK** button.
- Step 14 COBRAS Import for Unity connection popup window will open on the screen. Select backup database location > browse and select the folder where the unity backup file is saved.

(1 of 38) COBRAS Import for Unity Connection - Import to 10.78.239.214
Elle Options Help
The COBRAS import utility works in conjunction with the COBRAS export tool to allow restores, moves and migrations of Subscribers, Call Handlers, Interview handlers, Schedule and/or Public Distribution Lists and their membership information. In the following wizard pages you will select which objects you wish to restore onto the Unity Connection server and then be asked to resolve all conflicts and missing links associated with those items you choose to restore. Please review the help file and on screen instructions carefully before proceeding. There are also training videos available on the tools' home page that contain useful information that should be viewed before using COBRAS in a production environment.
Unity Connection Server Information
Server Name: 10.78.239.214
Unity Connection version: 8.6.2.0ES25
Total call handler count: 8
Total subscriber count: 5
Select backup database location
C:\Documents and Settings\hcl\Desktop\CU4\primary\COBRAS_Backup_120202_05_51_40\UnityDBData_Backup_120202_ Browse UNC
Unity version: 4.0(5.0)
Server Name: UNITY-FOUR
Backup Date: 2/2/2012 5:51:41 AM
Total call handler count: 3
Total subscriber count: 4
Total distribution list count: 6
Voice messages: 3
Help << Previous Next>> Exit

Step 15 Follow the instructions and import the unity data into the unity connection.

Result:

(38 of 38) COBRAS Import for Unity Connection - Import to 10.78.239.214
Import Objects
You can select to restore messages if a message backup file is found in the same folder that the directory backup is running from and at least one subscriber is selected for restore. You can choose to only restore messages and not update any directory information for users that already exist in the Connection directory.
Restore voice messages for selected subscribers
Allow duplicate messages to be restored for users (for restores to Connection 8.6 or later only)
For existing users ONLY restore messages (do not update other properties for existing users)
Restore messages marked secure
Start Import
Sundar I import complete. U errors and U warnings encountered. 8 information items noted in the log as well. Review the log output for details. S/11/2012 8.0 OK OK OK S/11/2012 8.0339 AM: Restoring message # 1
5/11/2012 8:03.39 AM: Sender alias found: T 5/11/2012 8:03.39 AM: FromAlias=T', SenderANI=", Subject=Test1 ?????? 5/11/2012 8:03.39 AM: Message sent 5/11/2012 8:03.39 AM: 3 messages sent to the Connection server 5/11/2012 8:03.39 AM: Calling to re enable disabled notification devices 5/11/2012 8:03.39 AM: Be enabling disabled notification devices
5/11/2012 8:03:39 AM: No disabled devices found to be re enabled. 5/11/2012 8:03:39 AM: Checking for routing rule import flag 5/11/2012 8:03:39 AM: Starting report construction 5/11/2012 8:03:40 AM: Import complete
Help Kext >> Egit

Cisco unity 4.0(5) to Cisco unity connection 8.6(2a)SU1 migration has been done successfully.

Migration Procedure of Cisco Unity 5.0(1a) to Cisco Unity Connection8.6.(2a)SU1

Test Description:

I

To Verify Cisco Unity 5.0(1a) data is restored successfully to Cisco Unity Connection 8.6(2a) SU1 using COBRAS Import Tool.

Procedure

- **Step 1** Select the Cisco unity connection Administrator page > Users > Add New to add a new user.
- **Step 2** In User Type, change "user with mailbox" to "user without mailbox" and fill all the required fields and save.
- **Step 3** Select the user and select **Edit option > Password settings > Check-does not expires**.
- **Step 4** Select the user and select Edit > Change Password and change the Web Application password.
- Step 5 Select the user and select Edit option > Roles. Move the Remote Administrator from the Available Roles to Assigned roles and save.
- Step 6 Navigate to Cisco Unity Connection Administrator >system settings >advance >connection administrator > Change the Database Proxy: Service Shutdown Timer (in Days) No. of days.
- Step 7 In Cisco Unity Connection Administrator > System Settings > SMTP configuration > server > Check "Allow connections from untrusted IP addresses" and disable the "Transport layer security from untrusted IP addresses" and save.
- Step 8 Select Cisco Unity Connection Serviceability > Tools > Service management > In Optional Services > Activate Connection Database Proxy.
- **Step 9** Install COBRAS Import Tool Ver 1.2.4 in Windows English OS(Pre request- .NET 2.0 and the Informix ODBC Drivers)
- Step 10 Select Start > All programs > Cisco Systems > COBRAS > COBRAS import for connection
- Step 11 Double-click the COBRAS import tool; "Cisco Unity Connection login" popup will appears on the screen.
- **Step 12** Provide the Unity connection IP in the Server option
- **Step 13** Login using the user credentials added in the Step 1 and click Ok button.
- Step 14 COBRAS Import for Unity connection popup window will open on the screen. In select backup database location > browse and select the folder where the unity backup file is saved.

he COBRAS import utility work: andlers, Schedule and/or Publi nto the Unity Connection serve	in conjunction with the COBRAS export tool to allow restores, moves and migrations of Subscribers, Call Handlers, Interview C Distribution Lists and their membership information. In the following wizard pages you will select which objects you wish to restore r and then be asked to resolve all conflicts and missing links associated with those items you choose to restore.
Please review the help file and c Iseful information that should be	n screen instructions carefully before proceeding. There are also training videos available on the tools' home page that contain viewed before using COBRAS in a production environment.
Unity Connection Server I	formation
Server Name:	10.78.239.214
Unity Connection version:	8.6.2.0ES25
Total call handler count	8
Total subscriber count	5
Select backup datab	ase location
C:\Documents and Settings\n	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120: Browse UNC
C:\Documents and Settings\n. Unity versio	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120: Browse UNC
C:\Documents and Settings\n. Unity versio Server Nam	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120; Browse UNC n: 5.0(1.0) x: HCL-UNITY-SECON
C:\Documents and Settings\n Unity versio Server Nam Backup Date	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120: Browse UNC n: 5.0(1.0) # HCL-UNITY-SECON # 2/21/2012 5:53:12 AM
C:\Documents and Settings\n Unity versio Server Nam Backup Dat Total call handler cour	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120: Browse UNC n: 5.0(1.0) # HCL-UNITY-SECON # 2/21/2012 5:53:12 AM nt: 5
C:\Documents and Settings\n Unity versio Server Nam Backup Dat Total call handler cour Total subscriber cour	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120: Browse UNC n: 5.0(1.0) # HCL-UNITY-SECON # 2/21/2012 5:53:12 AM nt: 5 nt: 3
C:\Documents and Settings\n Unity versio Server Nam Backup Dab Total call handler cour Total subscriber cour Total distribution list cour	ayilala\Desktop\unity primary5\COBRAS_Backup_120221_05_53_11\UnityDBData_Backup_120: Browse UNC n: 5.0(1.0) x: HCL-UNITY-SECON x: 2/21/2012 5:53:12 AM ht: 5 ht: 3 ht: 3

Step 15 Follow the instructions and import the unity data into the unity connection.

(38 of 38) COBRAS Import for Unity Conn	ection - Import to 10.78.239.214	
Import Objects		
You can select to restore messages if a message bac selected for restore. You can choose to only restore	kup file is found in the same folder that the directory backup is running from and at least one subscriber is messages and not update any directory information for users that already exist in the Connection directory.	
Restore voice messages for selected subscribers		
I Allow duplicate messages to be restored for t	users (for restores to Connection 8.6 or later only)	
For existing users ONLY restore messages (d	io not update other properties for existing users)	
Fiestore messages marked secure	Cobras Import for Connection	
Start Import	couras import for connection	
	Import complete. O errors and O warnings encountered. 9 information items noted in the log as well. Rev	iew the log output for details.
Progress	Puramananan	
Complete	<u> </u>	
5/17/2012 11:52:41 AM: Sender alias fou 5/17/2012 11:52:41 AM: Message sent 5/17/2012 11:52:41 AM: Message sent 5/17/2012 11:52:41 AM: Sender alias not to 5/17/2012 11:52:41 AM: Sender alias not to 5/17/2012 11:52:41 AM: Message sent 5/17/2012 11:52:41 AM: Sender alias not to 5/17/2012 11:52:41 AM: Sender alias not to 5/17/2012 11:52:42 AM: Sender alias not to 5/17/2012 11:52:42 AM: Sender alias not to 5/17/2012 11:52:42 AM: Restoring message 4 5/17/2012 11:52:42 AM: Message sent 5/17/2012 11:52:42 AM: Message sent 5/17/2012 11:52:42 AM: No disable devices 5/17/2012 11:52:42 AM: Staring report construct 5/17/2012 11:52:42 AM: Staring	nd:123 ender&NI=", Subject=Message from ?????? (6002) 15 and/UNTY_HCL-UNITY-SECON - message will be left as outside caller HCL-UNITY-SECON', Sender&NI=6001', Subject=Message from an unidentified caller (6001) 16 and/UNTY_HCL-UNITY-SECON - message will be left as outside caller HCL-UNITY-SECON', Sender&NI=6001', Subject=Message from an unidentified caller (6001) 16 be connection server 16 bed notification devices 16 bification 1	
Help	Egd	302391

Result:

I

Cisco unity 5.0(1a) to Cisco unity connection 8.6(2a)SU1 migration has been done successfully.

Migration Procedure of Cisco Unity 7.0(2) to Cisco Unity Connection8.6.(2a)SU1

Test Description:

To Verify Cisco Unity 7.0(2) data is restored successfully to Cisco Unity Connection 8.6(2a) SU1 using COBRAS Import Tool.

Procedure

- Step 1 Select the Cisco unity connection Administrator page> Users> Add New to add a new user.
- **Step 2** In User Type, change "user with mailbox" to "user without mailbox" and fill all the required fields and save.
- **Step 3** Select the user and select **Edit option > Password settings > Check-does not expires.**
- **Step 4** Select the user and select Edit > Change Password and change the Web Application password.
- Step 5 Select the user and select Edit Option > Roles. Move the Remote Administrator from the Available Roles to Assigned roles and save.
- Step 6 Navigate to Cisco Unity Connection Administrator > system settings > advance > connection administrator > Change the Database Proxy: Service Shutdown Timer (in Days) – No. of days.
- Step 7 In Cisco Unity Connection Administrator > System Settings > SMTP configuration > server > Check "Allow connections from untrusted IP addresses" and disable the "Transport layer security from untrusted IP addresses" and save.
- Step 8 Select Cisco Unity Connection Serviceability >Tools > Service management > In Optional Services > Activate Connection Database Proxy.
- **Step 9** Install COBRAS Import Tool Ver 1.2.4 in Windows English OS(Pre request- .NET 2.0 and the Informix ODBC Drivers)
- Step 10 Select Start> All programs > Cisco Systems > COBRAS > COBRAS import for connection
- Step 11 Double-click the COBRAS import tool; "Cisco Unity Connection login" popup will appears on the screen.
- Step 12 Provide the Unity connection IP in the Server option
- **Step 13** Login using the user credentials added in the Step 1 and click Ok button.
- Step 14 COBRAS Import for Unity connection popup window will open on the screen. In select backup database location > browse and select the folder where the unity backup file is saved.

le Linrions Héln	
he COBRAS import utility work: andlers, Schedule and/or Publ nto the Unity Connection serve lease review the help file and c seful information that should be	in conjunction with the CDBRAS export tool to allow restores, moves and migrations of Subscribers, Call Handlers, Interview 2 Distribution Lists and their membership information. In the following wizard pages you will select which objects you wish to restore and then be asked to resolve all conflicts and missing links associated with those items you choose to restore. In screen instructions carefully before proceeding. There are also training videos available on the tools' home page that contain viewed before using CDBRAS in a production environment.
Jnity Connection Server I	iformation
Server Name	10.78.239.214
Unity Connection version	8.6.2.0ES25
Total call handler count	. 4
Total subscriber count	2
Select backup datab	ase location
C:\Documents and Settings\n	ayılala\Desktop\cu7\Backup -Unity 7.0(2)primary\Backups\COBRA5_Backup_120227_04_59_36
Unity versio	n: 7.0(2.0)
Server Nam	2 UNITY/P
Backup Dati	z. 2/2//2012 4:59:37 AM
l otal call handler cour	it: 4
Total subscriber cour	nt 6
Total subscriber cour Total distribution list cour	nt 6 nt 27

Step 15 Follow the instructions and import the unity data into the unity connection.

(38 of 38) COBRAS Import for Unity Connection - Import to 10.78.239.214	
Import Objects	1
You can select to restore messages if a message backup file is found in the same folder that the directory backup is running from and at least one subscriber is selected for restore. You can choose to only restore messages and not update any directory information for users that already exist in the Connection directory.	
Restore voice messages for selected subscribers	
I Allow duplicate messages to be restored for users (for restores to Connection 8.6 or later only)	
For existing users ONLY restore messages (do not update other properties for existing users)	
Restore messages marked secure	
Start Import Cobras Import for Connection	×
Progress Import complete. 0 errors and 0 warnings encountered. 11 information items noted in the log as well. Review the log or	utput for details.
Current object:	
5/17/2012 11:18:06 PM: Set FromAlias=UNITY_UNITY7-P, SenderANI=2013, Subject=Voice Message from Unknown (2013)	1
5/17/2012 11:18:06 PM: Message sent E/17/2012 11:19:07 PM: Zerosages cert to the Competing serum	
5/17/2012 11:18:07 PM [6 of 6] V. (3654297-78BA-4283-95D1-8BE13C527D5)	
5/17/2012 11:18:07 PM: "Restoring messages for this user from mailstore with connection string=Provider=Microsoft.Jet.DLEDB.4.0.Data Source=C:	
120227_04_59_36.NDB	
5/17/2012 11:18:07 PM: No messages backed up for this subscriber using connectionstring=Provider=Microsoft.Jet.0LEDB.4.0.Data Source=C: Documents and SattingstraaniaJ.Destropol.cr/2018.actura_Using_2018/01.000000000000000000000000000000000	
120227_04_59_36.MDB	
5/17/2012 11:18:07 PM: 7 messages sent to the Connection server	
5/17/2012 11:18:07 PM: Re enabling disabled notification devices turned off during message restore.	
5/17/2012 11:18:07 PM: No disabled devices found to be re-enabled.	
5/17/2012 11:18:07 PM: Stating for looking the importing	
5/17/2012 11:18:08 PM: Import complete	
	202
Help Karter Ka Karter Karter Ka	3025

Result:

Cisco unity 7.0(2) to Cisco unity connection 8.6(2a)SU1 migration has been done successfully.

Migration Procedure of Cisco Unity 8.0(3) to Cisco Unity Connection8.6.(2a)SU1

Test Description:

To Verify Cisco Unity 8.0(3) data is restored successfully to Cisco Unity Connection 8.6(2a) SU1 using COBRAS Import Tool.

Procedure

- Step 1 Select the Cisco unity connection Administrator page> Users> Add New to add a new user.
- Step 2 In User Type, change "user with mailbox" to "user without mailbox" and fill all the required fields and save.
- **Step 3** Select the user and select **Edit option > Password settings > Check-does not expires.**
- Step 4 Select the user and select Edit > Change Password and change the Web Application password.
- Step 5 Select the user and select Edit Option > Roles. Move the Remote Administrator from the Available Roles to Assigned roles and save.
- Step 6 Navigate to Cisco Unity Connection Administrator > system settings > advance > connection administrator > Change the Database Proxy: Service Shutdown Timer (in Days) – No. of days.
- Step 7 In Cisco Unity Connection Administrator > System Settings > SMTP configuration > server > Check "Allow connections from untrusted IP addresses" and disable the "Transport layer security from untrusted IP addresses" and save.
- Step 8 Select Cisco Unity Connection Serviceability >Tools > Service management > In Optional Services > Activate Connection Database Proxy.
- **Step 9** Install COBRAS Import Tool Ver 1.2.4 in Windows English OS(Pre request- .NET 2.0 and the Informix ODBC Drivers)
- Step 10 Select Start> All programs > Cisco Systems > COBRAS > COBRAS import for connection
- **Step 11** Double-click the COBRAS import tool; "Cisco Unity Connection login" popup will appears on the screen.
- Step 12 Provide the Unity connection IP in the Server option
- **Step 13** Login using the user credentials added in the Step 1 and click Ok button.
- Step 14 COBRAS Import for Unity connection popup window will open on the screen. In select backup database location > browse and select the folder where the unity backup file is saved.

	01 OHITY CONNECTION - IMPORT TO 10.76.237.214
ile Options <u>H</u> elp	
he COBRAS import utility works andlers, Schedule and/or Public nto the Unity Connection server flease review the help file and or seful information that should be	n conjunction with the COBRAS export tool to allow restores, moves and migrations of Subscribers, Call Handlers, Interview Distribution Lists and their membership information. In the following wizard pages you will select which objects you wish to restore and then be asked to resolve all conflicts and missing links associated with those items you choose to restore. I screen instructions carefully before proceeding. There are also training videos available on the tools' home page that contain viewed before using COBRAS in a production environment.
Unity Connection Server In	formation
Server Name:	10.78.239.214
Unity Connection version:	8.6.2.0ES25
Total call handler count:	4
Tatal subscriber count:	2
Select backup databa	se location
C:\Documents and Settings\na	vilala\Desktop\CU8\pri\COBRAS_Backup_120224_05_14_56\UnityDBData_Backup_120224_C
Unity version	: 8.0(3.3)
Server Name	UNITY-PRI-EIG
Backup Date	2/24/2012 5:14:58 AM
I otal call handler count	. b
i otal subscriber coun	. 4
Tabal distributions list and sold	. 27
Total distribution list count Voice messages	4

Step 15 Follow the instructions and import the unity data into the unity connection.

Result:

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(38 of 38) COBRAS Import for Unity Connection - Import to 10.78.239.214	
Import Objects	
You can select to restore messages if a message backup file is found in the same folder that the directory backup is running from and at least one subscriber is selected for restore. You can choose to only restore messages and not update any directory information for users that already exist in the Connection directory.	
I Restore voice messages for selected subscribers	
In Allow duplicate messages to be restored for users (for restores to Connection 8.6 or later only)	
For existing users DNLY restore messages (do not update other properties for existing users)	
Restore messages marked secure	
Start Import	
Progress	
Import stage: Complete	
Current object:	
SV10212 12-40-22 Hit. Translata/Desitor/Exclosing intersegist of inits cardinal framework in the initial and the initial anow the initial and the initial and the initial and th	
5/18/201212:40 5/18/201212:40 Cobras Import for Connection	×
5/18/2012 12:40 5/18/2012 12:4	ş.
5/18/2012 12:40:43 PM: Checking for routing rule import flag 5/18/2012 12:40:43 PM: Starting report construction 5/18/2012 12:40:44 PM: Import complete	
Help << Previous Next >> Egit	

Cisco unity 8.0(3) to Cisco unity connection 8.6(2a)SU1 migration has been done successfully.



CHAPTER 2

Topology and Matrices

- Unity to Unity Connection Migration Topology, page 14
- Component Matrix for All Releases, page 14
- Compatibility Matrix, page 15
- Migration Path, page 15

Unity to Unity Connection Migration Topology



Figure 1: Unity to Unity Connection Migration Topology

 10Gbps Links	8
 Ethernet or PoE Connection ISDN link	3024(

1

Component Matrix for All Releases

Category	Component	Hardware	Version
Servers	Cisco C-series	C210 M2	1.4(1m)
Hypervisor	ESXi host on Blade Server		ESXi 4.1
MCS	Cisco Unity	• MCS 7845 H2 • MCS 7845 I2	
Voice Gateway	IOS	Voice Gateway 2801	15.1(4)M2
Switch	Access Switch	Cisco 3750	
Migration Tool	COBRAS Import Tool		1.2.4

Category	Component	Hardware	Version
Migration Tool	COBRAS Export Tool		7.0.120
Client	Japanese OS		Win-7 and Win-XP
Client	English OS		Win-7 and Win-XP



COBRAS import tool should be installed in Windows English OS. See Conditions for Migration for more details

Compatibility Matrix

SI.No	Unity	Unified CM
1	4.0(5)	7.1(x), 7.0(x), 6.1(x), 6.0(x), 5.1(x), 5.0(x), 4.3(x), 4.2(x), 4.1(3), 4.1(2), 3.3(x)
2	5.0(1a)	8.6(x), 8.5(x), 8.0(x), 7.1(x), 7.0(x), 6.1(x), 6.0(x), 5.1(x), 5.0(x), 4.3(x), 4.2(x), 4.1(3), 4.1(2)
3	7.0(2)	8.6(x), 8.5(x), 8.0(x), 7.1(x), 7.0(x), 6.1(x), 6.0(x), 5.1(x), 5.0(x), 4.3(x), 4.2(x), 4.1(3), 4.1(2)
4	8.0(3)	8.6(x), 8.5(x), 8.0(x), 7.1(x), 7.0(x), 6.1(x), 6.0(x), 5.1(x), 5.0(x), 4.3(x), 4.2(x), 4.1(3), 4.1(2)

Migration Path

SI No.	Cisco Unity	Cisco Unity Connection
1	4.0(5)	8.6.(2a)SU1
2	5.0(1a)	8.6.(2a)SU1
3	7.0(2)	8.6.(2a)SU1
4	8.0(3)	8.6.(2a)SU1

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CHAPTER 3

Test Results

- Migration of Cisco Unity 4.0(5) to Cisco Unity Connection8.6.(2a)SU1, page 17
- Migration of Cisco Unity 5.0(1a) to Cisco Unity Connection8.6.(2a)SU1, page 20
- Migration of Cisco Unity 7.0(2) to Cisco Unity Connection8.6.(2a)SU1, page 22
- Migration of Cisco Unity 8.0(3) to Cisco Unity Connection8.6.(2a)SU1, page 25

Migration of Cisco Unity 4.0(5) to Cisco Unity Connection8.6.(2a)SU1

Product/Component	Base Release	Intermediate release	Target Release
Cisco Unified Communication Manager	4.1.3	7.1.3-10000-11	8.6.2.20000-2
Cisco Unified Communication Manager Locale	cm-locale-ja_JP-4.1.3.4100	cm-locale-ja_JP-7.1.3.2000-1.cop.sgn	cm-locale-ja_JP-8.6.2.1000-1.cop.sgn
Cisco Unity	4.0(5)	Nil	Nil
Cisco Unity Connection	Nil	Nil	8.6.2.21900-5
Cisco Unity Connection Locale	Nil	Nil	uc-locale-ja_JP-8.6.2.1-25.cop.sgn

Environment Matrix

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Test Results

Logical ID	Title	Description	Status	Defects
UC862U.CUCM.T.007	Registration of SCCP/SIP phones in Unified CM	To verify SCCP/SIP phones in Unified CM are registered successfully.	Passed	
UC862U.CUCM.T.008	Unified CM publisher 4.1(3)	To verify the Successful Installation of Unified CM	Passed	
UC862U.CU.T.001	Installation of Cisco unity 4.0(5) publisher.	To verify whether the installation of Cisco unity publisher has done successful.	Passed	
UC862U.CU.T.002	Installation of Cisco unity 4.0(5) subscriber.	To verify whether the installation of Cisco unity subscriber has done successful.	Passed	
UC862U.CU.T.003	Applying License for the Cisco unity 4.0(5) Publishers.	To verify whether the Cisco unity installation is successful.	Passed	
UC862U.CU.T.004	Integrating Unified CM with Cisco unity	To verify integration of Unified CM with Cisco Unity is successful.	Passed	
UC862U.CU.T.005	Add a Subscriber (User).	To verify whether addition of subscriber to voicemail configured phone extension is successful.	Passed	
UC862U.CU.T.006	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CU.T.007	Add user with Japanese alphabet	To verify addition of a user with Japanese alphabet	Passed	
UC862U.CU.T.008	During the voice mail - system plays the prompt in Japanese	To verify system prompt in Japanese during voice mail	Passed	
UC862U.CU.T.009	Backup of Cisco Unity Publisher 4.0(5).	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	
UC862U.CU.T.010	Backup of Cisco Unity Subscriber 4.0(5).	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	

Logical ID	Title	Description	Status	Defects
UC862U.CUC.T.006	Migration of Cisco Unity to Cisco Unity Connection - Publisher	To verify whether the restore of Cisco Unity Publisher by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.007	Migration of Cisco Unity to Cisco Unity Connection - Subscriber	To verify whether the restore of Cisco Unity Subscriber by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.009	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CUC.T.010	Messages in Cisco Unity are available in CUC after migration.	To verify if all the messages in Cisco Unity are available in CUC after migration.	Passed	
UC862U.CUC.T.011	Users added available after migration	To verify the availability of all the user after migration	Passed	
UC862U.CUC.T.012	Add user with Japanese alphabet	To verify is it possible to add a user with Japanese alphabet	Passed	
UC862U.CUC.T.013	During the voice mail system plays the prompt in Japanese after migration.	To verify whether the IP phone in voice mail profile is able to hear the system prompt in Japanese	Passed	
UC862U.CUCM.T.017	Unified CM publisher 7.1 (3)	To verify installation of Unified CM is successful.	Passed	
UC862U.CUC.T.029	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail		
UC862U.CUCM.T.027	Unified CM publisher 8.6(2a)	To verify upgrade of Unified CM is successful.	Passed	
UC862U.CUC.T.015	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	

Migration of Cisco Unity 5.0(1a) to Cisco Unity Connection8.6.(2a)SU1

Environment Matrix

ProductComponent	Base Release	Intermediate release	Target Release
Cisco Unified Communication Manager	6.1.3-1000-16	7.1.5-10000-12	8.6.2.20000-2
Cisco Unified Communication Manager Locale	cm-locale-ja_JP-6.1.3.3000-1.copsgn	cm-locale-ja_JP-7.1.5.1200-1.copsgn	cm-locale-ja_JP-8.6.2.1000-1.copsgn
Cisco Unity	5.0(1a)	Nil	Nil
Cisco Unity Connection	Nil	Nil	8.6.2.21900-5
Cisco Unity Connection Locale	Nil	Nil	uc-locale-ja_JP-8.6.2.1-25.cop.sgn

Test Results

Logical ID	Title	Description	Status	Defects
UC862U.CUCM.T.108	Registration of SCCP/SIP phones in Unified CM 6.1(3)	To verify SCCP/SIP phones in Unified CM are registered successfully.	Passed	
UC862U.CUCM.T.109	Unified CM publisher 6.1(3)	To verify installation of Unified CM is successful.	Passed	
UC862U.CU.T.101	Installation of Cisco unity publisher 5.0 (1a).	To verify whether the installation of Cisco unity publisher is successful.	Passed	
UC862U.CU.T.102	Installation of Cisco unity subscriber 5.0(1a).	To verify whether the installation of Cisco unity subscriber has is successful.	Passed	
UC862U.CU.T.103	Applying License for the Cisco unity 5.0(1a) Publisher.	To Verify whether the Cisco unity License upload is successful.	Passed	

Logical ID	Title	Description	Status	Defects
UC862U.CU.T.104	Integrating Unified CM with Cisco unity	To verify successful integration of Unified CM with Cisco Unity.	Passed	
UC862U.CU.T.105	Add a Subscriber (User).	To verify addition of subscriber to voicemail configured phone extension.	Passed	
UC862U.CU.T.106	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CU.T.107	Add user with Japanese alphabet	To verify addition of a user with Japanese alphabet	Passed	
UC862U.CU.T.108	During the voice mail - system plays the prompt in Japanese	To verify system prompt in Japanese during voice mail	Passed	
UC862U.CU.T.109	Backup of Cisco Unity 5.0(1a) Publisher.	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	
UC862U.CU.T.110	Backup of Cisco Unity 5.0(1a) Subscriber.	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	
UC862U.CUC.T.022	Migration of Cisco Unity to Cisco Unity Connection - Publisher	To verify whether the restore of Cisco Unity Publisher by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.023	Migration of Cisco Unity to Cisco Unity Connection - Subscriber	To verify whether the restore of Cisco Unity Subscriber by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.025	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CUC.T.026	Messages in Cisco Unity are available in CUC after migration.	To verify if all the messages in Cisco Unity are available in CUC after migration.	Passed	

Logical ID	Title	Description	Status	Defects
UC862U.CU.T.027	Users added available after migration	To verify the availability of all the user after migration	Passed	
UC862U.CUC.T.028	During the voice mail system plays the prompt in Japanese after migration.	To verify whether the IP phone in voice mail profile is able to hear the system prompt in Japanese after migration.	Passed	
UC862U.CUCM.T.045	Unified CM Publisher 7.1(5)	To verify upgrade of Unified CM is successful.	Passed	
UC862U.CUC.T.029	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CUCM.T.055	Upgrade Unified CM publisher 8.6(2a)	To verify upgrade of Unified CM is successful.	Passed	
UC862U.CUC.T.030	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	

Migration of Cisco Unity 7.0(2) to Cisco Unity Connection8.6.(2a)SU1

Environment Matrix

Product\Component	Base Release	Intermediate release	Target Release
Cisco Unified Communication Manager	7.1.5-10000-12	Nil	8.6.2.20000-2
Cisco Unified Communication Manager Locale	cm-locale-ja_JP-7.1.5.1200-1.cop.sgn	Nil	cm-locale-ja_JP-8.6.2.1000-1.cop.sgn
Cisco Unity	7.0(2)	Nil	Nil
Cisco Unity Connection	Nil	Nil	8.6.2.21900-5
Cisco Unity Connection Locale	Nil	Nil	uc-locale-ja_JP-8.6.2.1-25.cop.sgn

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Logical ID	Title	Description	Status	Defects
UC862U.CUCM.T.119	Registration of SCCP/SIP phones in Unified CM 7.1(5)	To verify SCCP/SIP phones in Unified CM are registered successfully.	Passed	
UC862U.CUCM.T.120	Unified CM publisher 7.1(5)	To verify installation of Unified CM is successful.	Passed	
UC862U.CU.T.111	Installation of Cisco unity 7.0(2) publisher.	To verify whether the installation of Cisco unity publisher is successful.	Passed	
UC862U.CU.T.112	Installation of Cisco unity 7.0(2) subscriber.	To verify whether the installation of Cisco unity subscriber is successful.	Passed	
UC862U.CU.T.113	Applying License for the Cisco unity 7.0(2) Publisher.	To verify whether the Cisco unity License upload is successful.	Passed	
UC862U.CU.T.114	Integrating Unified CM publisher 7.1(5) with Cisco unity publisher 7.0(2).	To verify successful integration of Unified CM with Cisco Unity.	Passed	
UC862U.CU.T.115	Add a Subscriber (User).	To verify whether we can be able to add subscriber to voicemail configured phone extension.	Passed	
UC862U.CU.T.116	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CU.T.117	Add user with Japanese alphabet	To verify addition of a user with Japanese alphabet	Passed	
UC862U.CU.T.118	During the voice mail system plays the prompt in Japanese	To verify whether the IP phone in voice mail profile is able to hear the system prompt in Japanese.	Passed	
UC862U.CU.T.119	Backup of Cisco Unity 7.0(2) Publisher.	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	
UC862U.CU.T.120	Backup of Cisco Unity 7.0(2)Subscriber.	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	

Test Results

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Logical ID	Title	Description	Status	Defects
UC862U.CUC.T.037	Migration of Cisco Unity to Cisco Unity Connection - Publisher	To verify whether the restore of Cisco Unity Publisher by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.038	Migration of Cisco Unity to Cisco Unity Connection - Subscriber	To verify whether the restore of Cisco Unity Publisher by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.040	Voice mail between Phone A to Phone B	To verify whether phone A able to Send and Receive voice mail	Passed	
UC862U.CUC.T.041	Messages in Cisco Unity are available in CUC after migration.	To verify if all the messages in Cisco Unity are available in CUC after migration.	Passed	
UC862U.CU.T.042	Users added available after migration	To verify the availability of all the user after migration	Passed	
UC862U.CUC.T.043	During the voice mail system plays the prompt in Japanese after migration.	To verify whether the IP phone in voice mail profile is able to hear the system prompt in Japanese after migration.	Passed	
UC862U.CUCM.T.130	Upgrade Unified CM publisher 8.6(2a)	To verify upgrade of Cisco Unified Communications Manager is successful.	Passed	
UC862U.CUC.T.044	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	

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Migration of Cisco Unity 8.0(3) to Cisco Unity Connection8.6.(2a)SU1

Environment Matrix

ProductComponent	Base Release	Intermediate release	Target Release
Cisco Unified Communication Manager	8.5.1-10000-26	Nil	8.6.2.20000-2
Cisco Unified Communication Manager Locale	cm-locale-ja_JP-8.5.1.1000.1.cop.sgn	Nil	cm-locale-ja_JP-8.6.2.1000-1.cop.sgn
Cisco Unity	8.0(3)	Nil	Nil
Cisco Unity Connection	Nil	Nil	8.6.2.21900-5
Cisco Unity Connection Locale	Nil	Nil	uc-locale-ja_JP-8.6.2.1-25.cop.sgn

Test Results

Logical ID	Title	Description	Status	Defects
UC862U.CUCM.T.089	Registration of SCCP/SIP phones in Unified CM 8.1(5)	To verify SCCP/SIP phones in Unified CM are registered successfully.	Passed	
UC862U.CUCM.T.090	Unified CM publisher 8.1(5)	To verify installation of Unified CM is successful.	Passed	
UC862U.CU.T.030	Installation of Cisco unity 8.0(3) publisher.	To verify whether the installation of Cisco unity publisher is successful.	Passed	
UC862U.CU.T.031	Installation of Cisco unity 8.0(3) subscriber.	To verify whether the installation of Cisco unity subscriber is successful.	Passed	
UC862U.CU.T.032	Applying License for the Cisco unity 8.0(3) Publisher.	To Verify whether the Cisco unity License upload is successful.	Passed	

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Logical ID	Title	Description	Status	Defects
UC862U.CU.T.033	Integration of Cisco unity publisher 8.0(3) with Unified CM publisher 8.1(5).	To verify successful integration of Unified CM with Cisco Unity.	Passed	
UC862U.CU.T.034	Add a Subscriber (User).	To verify whether we can be able to add subscriber	Passed	
UC862U.CU.T.035	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CU.T.036	Add user with Japanese alphabet	To verify addition of a user with Japanese alphabet	Passed	
UC862U.CU.T.037	During the voice mail system plays the prompt in Japanese	To verify whether the IP phone in voice mail profile is able to hear the system prompt in Japanese.	Passed	
UC862U.CU.T.038	Backup of Cisco Unity 8.0(3)Publisher.	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	
UC862U.CU.T.039	Backup of Cisco Unity 8.0(3)Subscriber.	To verify whether we are able to take the backup from the Unity server with the help of COBRAS Export tool	Passed	
UC862U.CUC.T.051	Migration of Cisco Unity to Cisco Unity Connection - Publisher	To verify whether the restore of Cisco Unity Publisher by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.052	Migration of Cisco Unity to Cisco Unity Connection - Subscriber	To verify whether the restore of Cisco Unity Subscriber by using COBRAS Import Tool is done successfully.	Passed	
UC862U.CUC.T.055	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	
UC862U.CUC.T.056	Messages in Cisco Unity are available in CUC after migration.	To verify if all the messages in Cisco Unity are available in CUC after migration.	Passed	

Logical ID	Title	Description	Status	Defects
UC862U.CUC.T.057	Users added available after migration	To verify the availability of all the user after migration	Passed	
UC862U.CUC.T.058	During the voice mail system plays the prompt in Japanese after migration.	To verify whether the IP phone in voice mail profile is able to hear the system prompt in Japanese after migration.	Passed	
UC862U.CUCM.T.100	Upgrade Unified CM Publisher 8.6.(2a)	To verify upgrade of Unified CM is successful.	Passed	
UC862U.CUC.T.059	Voice mail between Phone A to Phone B	To verify whether phone A is able to Send and Receive voice mail	Passed	

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Limitations and Related Documentation

- Conditions for Migration, page 29
- Related Documentation, page 30

Conditions for Migration

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The following are the conditions for migration from Cisco Unity to Cisco Unity Connection.

• The COBRAS import tool should be installed in Windows English OS. (If the COBRAS import tool is installed in Windows Japanese OS, then Japanese letters are not imported from Cisco Unity to Cisco unity connection)

(14 of 38) COBRAS Import Resolve Partitic	for Unity Connection - Import to 10.78.239.214	Windows Japanese OS
This table includes a list of partitions t unmapped entries by selecting a parti update the list of available partitions i	hat are referenced by the subscribers, name lookup handlers and call handlers you've sele tion on the voice mail system to use for that item before continuing. The Refresh button ca you change this on the voice mail server while COBRAS is running.	cted to restore. Please resolve all in be used to force the grid to
Backed up Partition Name	Existing Partition Name on Voice Mail Server	
Loading call han	dier details	
Cobras Import for C	onnection	
COBRAS may not be a isn't a problem with th	is be to import this object into the database. You may want to unselect this object of so before.	or check the system you backed up to make sure there
Copy to all Unmapped Rows		Befresh
Help	<< Previous Next >>	Egit

- Windows XP and Windows 7 Japanese OS Japanese letters are not restored from CU to CUC
- Windows XP and Windows 7 English OS- Japanese letters are restored from CU to CUC

Related Documentation

Importing User with Migration Export tool

http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrug022.html#wp1056738

COBRAS Tool

http://www.ciscounitytools.com/Applications/General/COBRAS/COBRAS.html

Unity with Exchange

http://www.cisco.com/en/US/docs/voice_ip_comm/unity/compatibility/matrix/cuclientmtx.html#wp68380

http://www.cisco.com/en/US/prod/collateral/voicesw/ps6789/ps5745/ps2237/product_data_sheet0900aecd802132ef.pdf

Hardware

http://www.cisco.com/en/US/prod/collateral/voicesw/ps6789/ps5745/ps2237/product_data_sheet0900aecd802132ef.pdf

Compatibility

http://www.cisco.com/en/US/partner/docs/voice ip comm/unity/compatibility/matrix/cutspmtx.html#wp51076