

# Install CUCM Cluster Using Data Export and Import Feature

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## Introduction

This document describes the procedure of CUCM installation using Data Export and Import feature.

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics.

- CUCM
- IP Phone

### Components Used

The information in this document is based on these software versions.

- Source CUCM cluster versions - 12.5.1.15900-66.
- Destination CUCM cluster versions - 15.0.1.11900-23.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Configure

## Configurations

Data export is done on the old source CUCM cluster and data import is done on the new destination cluster. Your source cluster version must be Release 10.5 or higher. If your source cluster version is not Release 12.5(1) SU5 or higher, you must install the latest version of the [ciscocom.DataExport](#) COP file on each node of the source system.

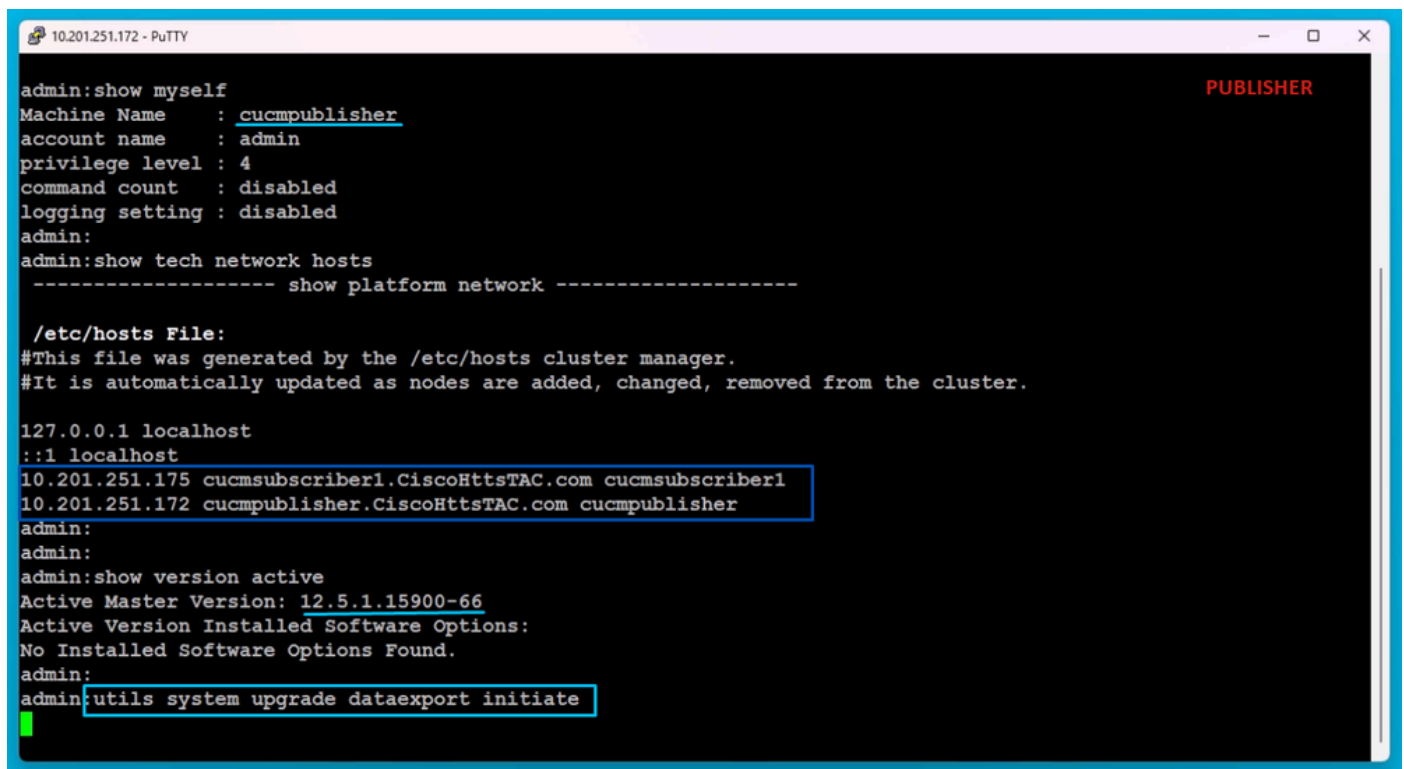
Steps included for CUCM installation using data export and import feature:

- Export data from the source cluster Publisher to the SFTP server.
- Export data from the source cluster Subscriber to the SFTP server.
- Shutdown the source cluster Publisher.
- Shutdown the source cluster Subscriber.
- Install new Publisher using exported data.
- Install new Subscriber using exported data.

### Export Data from the Source Cluster Publisher to the SFTP Server

Source cluster version is 12.5.1.15900-66.

Log in to the **command line interface** of the **CUCM Publisher** and run the command **utils system upgrade dataexport initiate**.



```
10.201.251.172 - PuTTY
admin:show myself
Machine Name      : cucmpublisher
account name      : admin
privilege level   : 4
command count     : disabled
logging setting   : disabled
admin:
admin:show tech network hosts
----- show platform network -----

/etc/hosts File:
#This file was generated by the /etc/hosts cluster manager.
#It is automatically updated as nodes are added, changed, removed from the cluster.

127.0.0.1 localhost
::1 localhost
10.201.251.175 cucmsubscriber1.CiscoHttTAC.com cucmsubscriber1
10.201.251.172 cucmpublisher.CiscoHttTAC.com cucmpublisher
admin:
admin:
admin:show version active
Active Master Version: 12.5.1.15900-66
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:utils system upgrade dataexport initiate
```

*Data Export Command*

Provide the **SFTP server** details, the destination **Publisher hostname** and the **IP Address**.



**Note:** Here, Iyou use the same hostname and IP address of the Publisher.

---

```
10.201.251.172 - PuTTY
10.201.251.175 cucmsubscriber1.CiscoHttTAC.com cucmsubscriber1
10.201.251.172 cucmpublisher.CiscoHttTAC.com cucmpublisher
admin:
admin:
admin:show version active
Active Master Version: 12.5.1.15900-66
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:utils system upgrade dataexport initiate

Warning: Before upgrading the cluster Cisco recommends installing the latest Upgrade Readiness COP file. Refer
to the Upgrade Guide on cisco.com for details.

Warning: The data export process would take anywhere between a few minutes to about 30 minutes to complete. Thi
s export time depends on the data configuration and network speed. Do not close this window without first cancell
ing the system migrate export operation.

Export Data Directory [/]: /
Remote Server Name or IP [10.201.251.189]: 10.201.251.189
Remote Server Login ID [cisco]: cisco
Remote Server Password: *****
Enter details of the destination node that will import the current node's exported data :

New Hostname []: cucmpublisher
New IPAddress []: 10.201.251.172
Would you like to proceed with export (yes/no): yes

Processing data export.....
```

#### Processing Data Export

Run the command **utils system upgrade dataexport status** for checking whether the data export process is completed or not.

```
10.201.251.172 - PuTTY
Processing data export.....
Type : DATAEXPORT
Status : RUNNING
Log file : /var/log/install/static_data_export_2024-05-23-12-36-05.log
Execution date : Thu May 23 12:36:05 2024
Status message : System Static Data Export operation is in progress.

Exporting data to this software location, with these credentials:
Server : 10.201.251.189
Directory : /
User : cisco

admin:
admin:utils system upgrade dataexport status

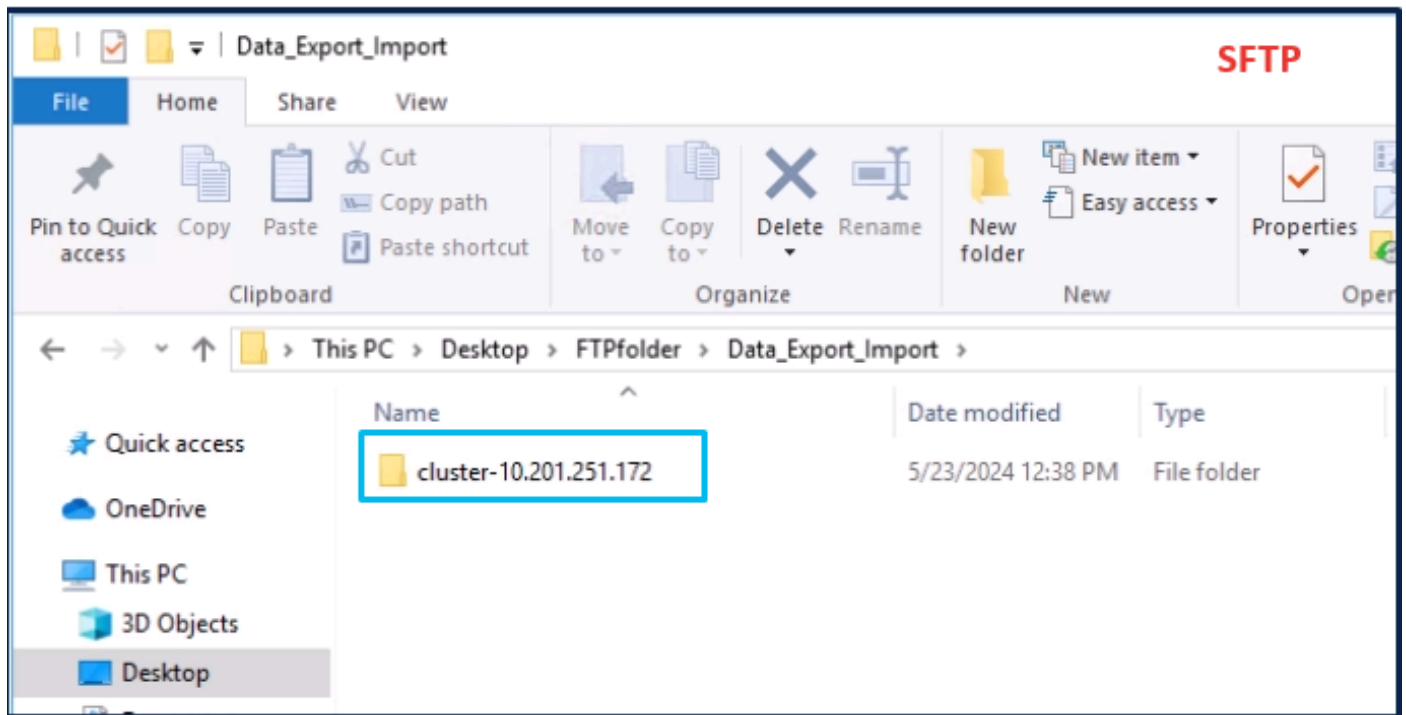
Type : DATAEXPORT
Status : RUNNING
Log file : /var/log/install/static_data_export_2024-05-23-12-36-05.log
Execution date : Thu May 23 12:36:05 2024
Status message : System Static Data Export operation is in progress.

Exporting data to this software location, with these credentials:
Server : 10.201.251.189
Directory : /
User : cisco

admin:
admin:
```

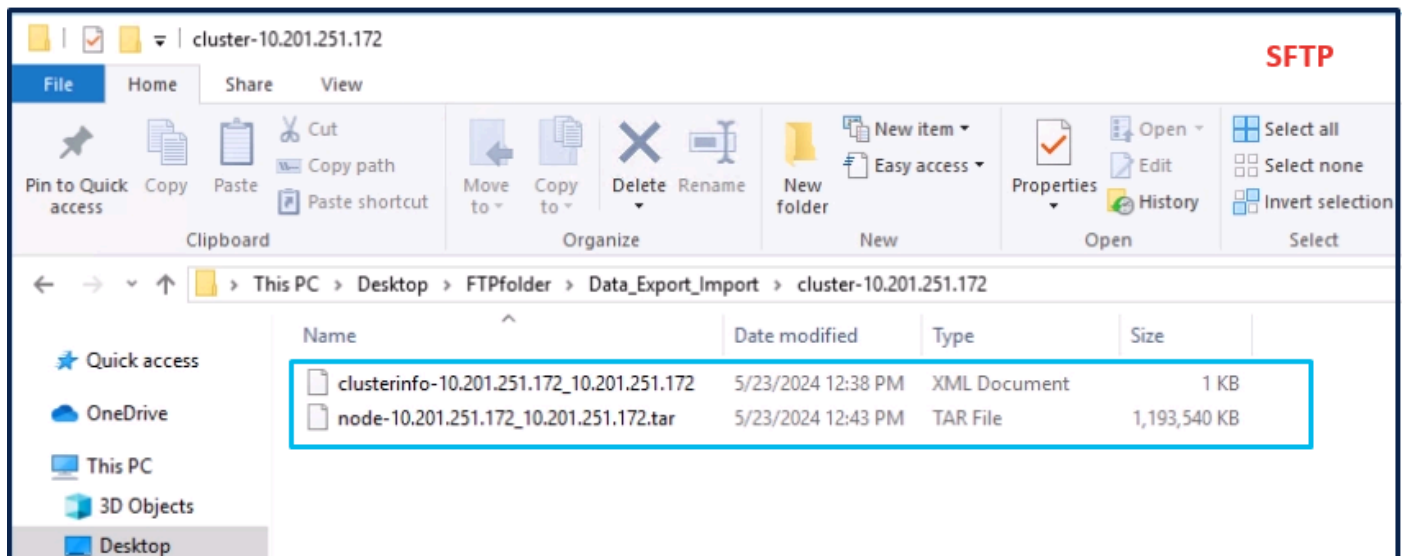
#### Data Export Progress Check

In the SFTP server, a new folder is automatically created with name like **cluster-Publisher IP Address** and the exported data is downloaded into it.



Exported Data Location in the SFTP Server

After export is done for the Publisher, the status shows **completed** from the output of **utils system upgrade dataexport status**.



Data Export is Completed for the Publisher

```
10.201.251.172 - PuTTY
admin:utils system upgrade dataexport status

Type      : DATAEXPORT
Status    : RUNNING
Log file   : /var/log/install/static_data_export_2024-05-23-12-36-05.log
Execution date : Thu May 23 12:36:05 2024
Status message : System Static Data Export operation is in progress.

Exporting data to this software location, with these credentials:
Server    : 10.201.251.189
Directory : /
User      : cisco

admin:
admin:
admin:utils system upgrade dataexport status

Type      : DATAEXPORT
Status    : COMPLETED
Log file   : /var/log/install/static_data_export_2024-05-23-12-36-05.log
Execution date : Thu May 23 12:36:05 2024
Status message : Migrate export completed successfully.

Exporting data to this software location, with these credentials:
Server    : 10.201.251.189
Directory : /
User      : cisco

admin:
```

*Data Export is Completed for the Publisher*

## Export Data from the Source Cluster Subscriber to the SFTP Server

The steps are same as you did for the Publisher.

Run the command **utils system upgrade dataexport initiate**.

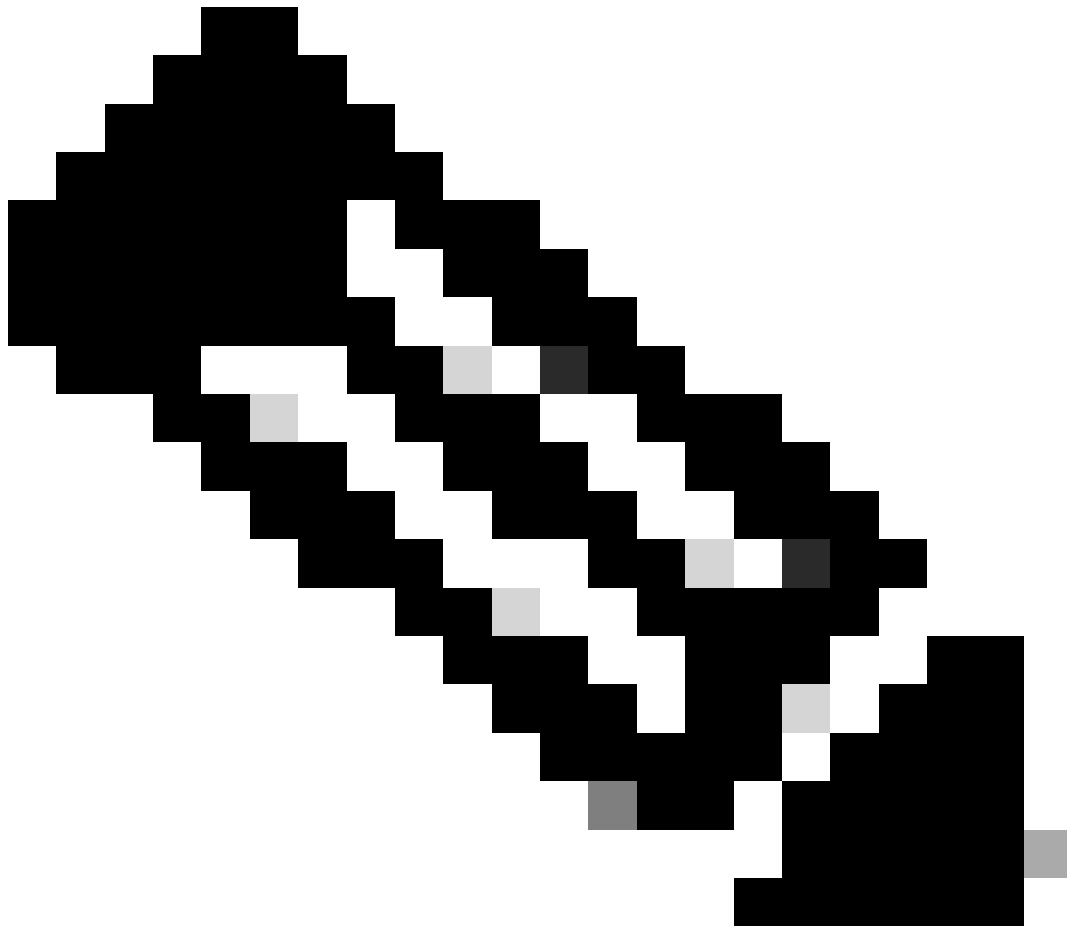
```
10.201.251.175 - PuTTY
admin:show myself
Machine Name   : cucmssubscriber1
account name   : admin
privilege level : 4
command count  : disabled
logging setting : disabled
admin:
admin:show tech network hosts
----- show platform network -----

/etc/hosts File:
#This file was generated by the /etc/hosts cluster manager.
#It is automatically updated as nodes are added, changed, removed from the cluster.

127.0.0.1 localhost
::1 localhost
10.201.251.175 cucmssubscriber1.CiscoHttTAC.com cucmssubscriber1
10.201.251.172 cucmpublisher.CiscoHttTAC.com cucmpublisher
admin:
admin:
admin:show version active
Active Master Version: 12.5.1.15900-66
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:utils system upgrade dataexport initiate
```

*Data Export on the Subscriber*

Provide the **SFTP** server details, the destination **Subscriber** hostname and **IP Address**.



**Note:** In this lab, you use the same source cluster Subscriber hostname and IP Address.

---

```
10.201.251.175 - PuTTY
10.201.251.175 cucmsubscriber1.CiscoHttstTAC.com cucmsubscriber1
10.201.251.172 cucmpublisher.CiscoHttstTAC.com cucmpublisher
admin:
admin:
admin:show version active
Active Master Version: 12.5.1.15900-66
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:utils system upgrade dataexport initiate

Warning: Before upgrading the cluster Cisco recommends installing the latest Upgrade Readiness COP file. Refer
to the Upgrade Guide on cisco.com for details.

Warning: The data export process would take anywhere between a few minutes to about 30 minutes to complete. Thi
s export time depends on the data configuration and network speed. Do not close this window without first cance
ling the system migrate export operation.

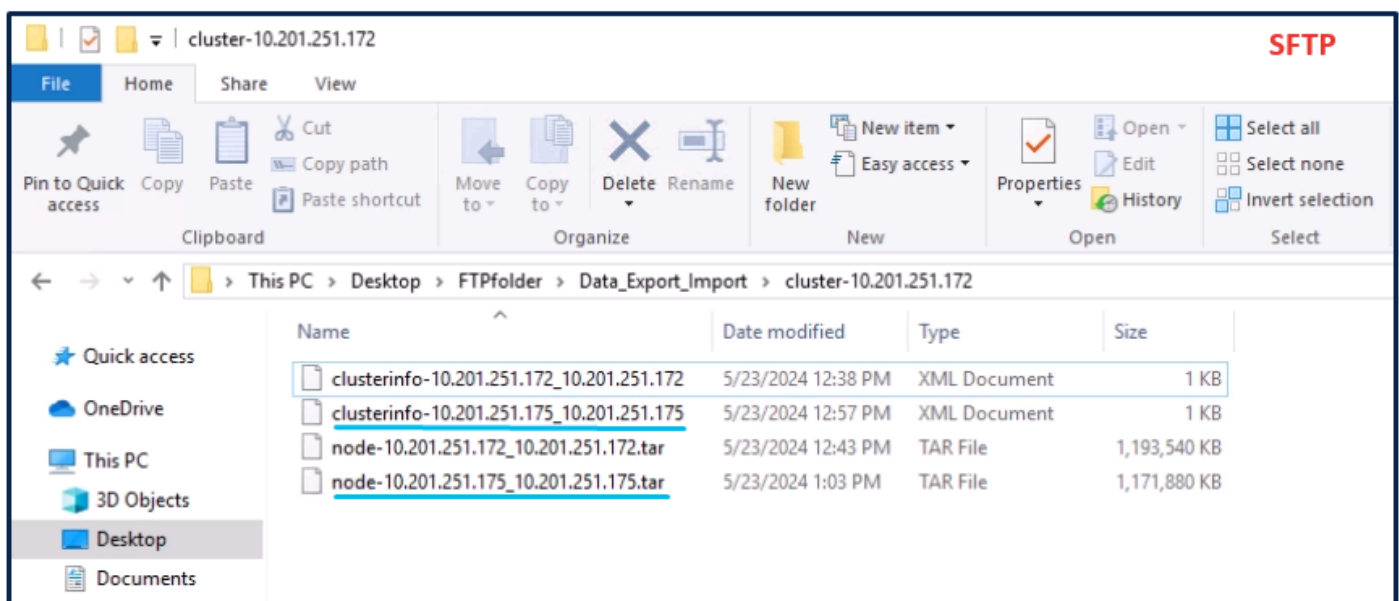
Export Data Directory [/]: /
Remote Server Name or IP [10.201.251.189]: 10.201.251.189
Remote Server Login ID [cisco]: cisco
Remote Server Password: *****
Enter details of the destination node that will import the current node's exported data :

New Hostname []: cucmsubscriber1
New IPAddress []: 10.201.251.175
Would you like to proceed with export (yes/no): yes

Processing data export.....
```

*Processing Data Export*

In the same folder location (**cluster-Publisher IP Address**) of the SFTP, the Subscriber exported data exists.



*Data Export is Completed for Subscriber*

After export is done for the Subscriber, the status shows **completed** from the output of **utils system upgrade dataexport status**.



```
10.201.251.175 - PuTTY
Type      : DATAEXPORT
Status     : RUNNING
Log file   : /var/log/install/static_data_export_2024-05-23-12-56-10.log
Execution date : Thu May 23 12:56:10 2024
Status message : System Static Data Export operation is in progress.

Exporting data to this software location, with these credentials:
Server     : 10.201.251.189
Directory  : /
User       : cisco

admin:
admin:
admin: utils system upgrade dataexport status

Type      : DATAEXPORT
Status     : COMPLETED
Log file   : /var/log/install/static_data_export_2024-05-23-12-56-10.log
Execution date : Thu May 23 12:56:10 2024
Status message : Migrate export completed successfully.

Exporting data to this software location, with these credentials:
Server     : 10.201.251.189
Directory  : /
User       : cisco

admin:
admin:
admin:
```

*Data Export is Completed for Subscriber*

## Shutdown the Source Cluster Publisher

Shutdown the **Publisher** by executing the command **utils system shutdown**.

```
PuTTY (inactive)
admin:show myself
Machine Name   : cucmpublisher
account name   : admin
privilege level : 4
command count  : disabled
logging setting : disabled
admin:
admin:show version active
Active Master Version: 12.5.1.15900-66
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:
admin: utils system shutdown

Do you really want to shutdown ?

Enter (yes/no)? yes

Appliance is being Powered - Off ...
Warning: Shutdown could take up to 5 minutes.
Stopping Service Manager...
- Service Manager shutting down services... Please Wait Waiting
```

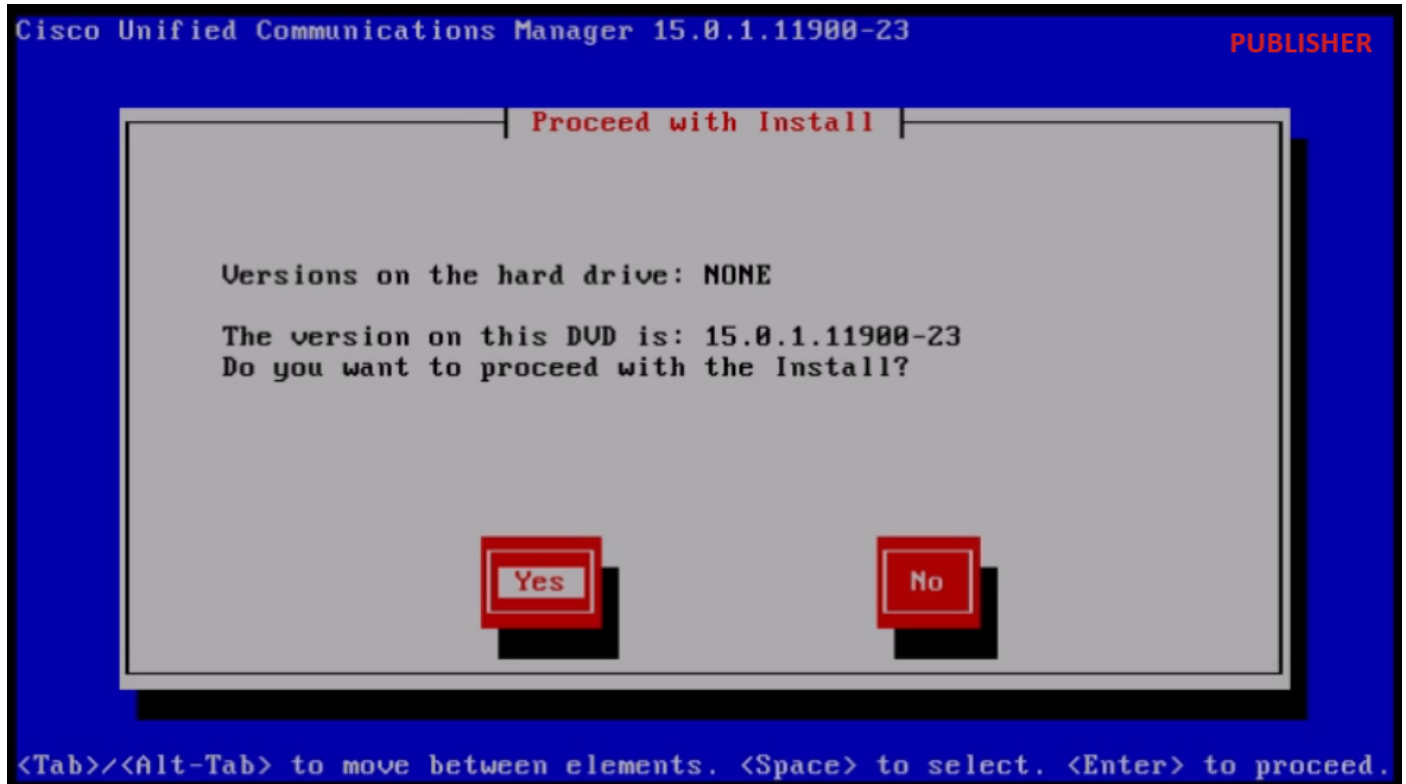
*Shutdown the Publisher*

## Install New Publisher Using Exported Data

Build a Virtual Machine for the Publisher using appropriate OVA Template.  
Mount 15.0.1.11900-23 version bootable image to the Virtual Machine (VM) and turn ON the VM.  
Press **OK** button after the media check is success.

Choose **Cisco Unified Communication Manager** and click **OK** button.

Press **Yes** button to proceed with installation of 15.0.1.11900-23 version.



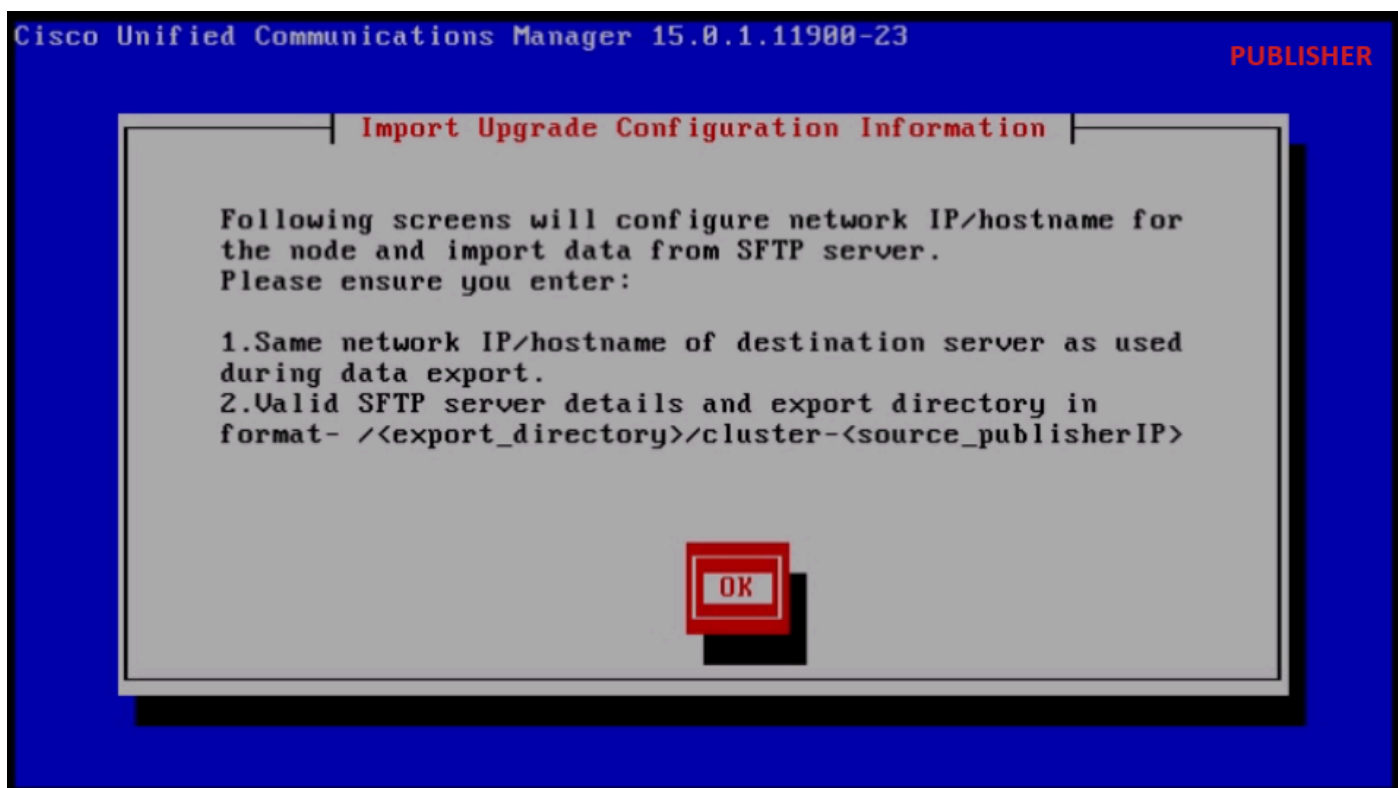
*Proceed with Install*

Click **Import** button in the **Platform Installation Wizard**.



*Platform Installation Wizard*

After reading the displayed information, click **OK** button in the **Import Upgrade Configuration** information.



*Import Upgrade Configuration Information*

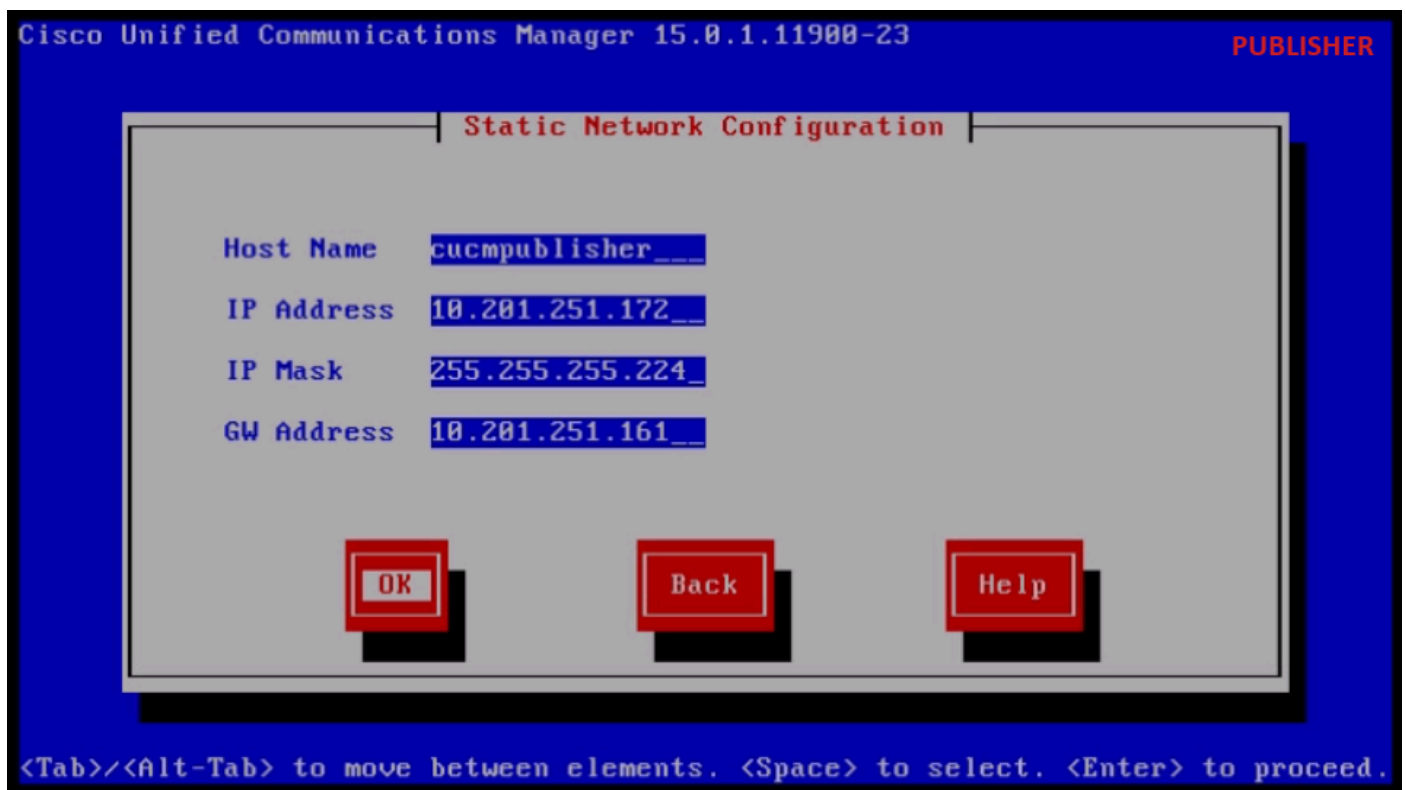
Choose **appropriate timezone** and then click **OK** button.

Click **Continue** button in the **Auto Negotiation Configuration**.

Click **No** button to have the default value in **MTU Configuration**.

Press **No** button under the **DHCP Configuration**.

Provide the **Host Name**, **IP Address**, **IP Mask** and **Gateway (GW) Address** and then press **OK** button.



Cisco Unified Communications Manager 15.0.1.11900-23 PUBLISHER

Static Network Configuration

Host Name cucmpublisher\_\_

IP Address 10.201.251.172\_\_

IP Mask 255.255.255.224\_\_

GW Address 10.201.251.161\_\_

OK Back Help

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*Static Network Configuration*

Click **Yes** button under the **DNS Client Configuration**.

Provide the **Primary DNS server IP Address** and **Domain** and then click **OK** button.

Cisco Unified Communications Manager 15.0.1.11900-23 PUBLISHER

**DNS Client Configuration**

Primary DNS 10.88.11.170

Secondary DNS (optional)

Domain CiscoHttsTAC.com

OK

Back

Help

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*DNS Client Configuration*

Provide the **SFTP server information** (IP, directory, login ID and Password) where you have the exported data of the source cluster and then press **OK** button.



**Note:** Location of the Publisher exported data is present in the folder **cluster-Publisher\_IP\_Address** as shown in the screenshot.

Clipboard					Organize	New	Open	SFTP	Se
C:\Users\agent1\Desktop\FTPfolder\Data_Export_Import\cluster-10.201.251.172									
Name		Date modified		Type	Size				
clusterinfo-10.201.251.172_10.201.251.172		5/23/2024 12:38 PM		XML Document	1 KB				
clusterinfo-10.201.251.175_10.201.251.175		5/23/2024 12:57 PM		XML Document	1 KB				
node-10.201.251.172_10.201.251.172.tar		5/23/2024 12:43 PM		TAR File	1,193,540 KB				
node-10.201.251.175_10.201.251.175.tar		5/23/2024 1:03 PM		TAR File	1,171,880 KB				

*Exported Data Location in the SFTP Server*

Cisco Unified Communications Manager 15.0.1.11900-23 PUBLISHER

Software Location of Data to Import

Remote Server Name or IP	10.201.251.189
Export Data Directory	/cluster-10.201.251.172
Remote Login ID	cisco
Remote Password	*****
Confirm Password	*****

OK Back Help

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

Software Location of Data to Import

Provide the **Certificate information** and click **OK** button.

Press **Yes** button under **First Node Configuration**.

Cisco Unified Communications Manager 15.0.1.11900-23 PUBLISHER

First Node Configuration

Is this server the First Node in the cluster?

Yes No Back Help

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

First Node Configuration

Configure the **Network Time Protocol (NTP) server** and then click **Proceed** button.

Network Time Protocol Client Configuration	
NTP Server 1	10.88.7.37
NTP Server 2	
NTP Server 3	
NTP Server 4	
NTP Server 5	
<div>Test Proceed Back Help</div>	

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*NTP Client Configuration*

Click **No** button for **SMTP Host Configuration**.





**Note:** If want to configure SMTP, then press **Yes** button and configure the **SMTP host**.

---

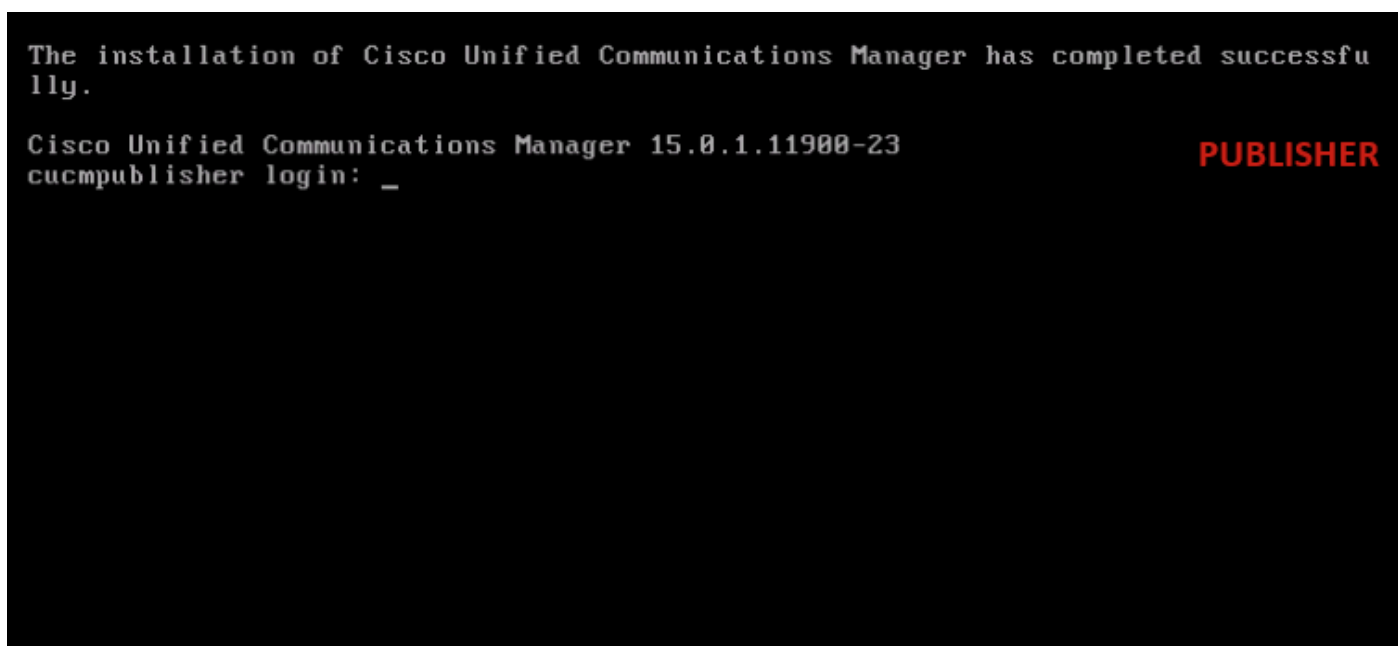
Choose appropriate **option** under **Smart Call Home Enable Page** and click **OK** button.

Click **OK** button under **Platform Configuration Confirmation page** to proceed with installation.



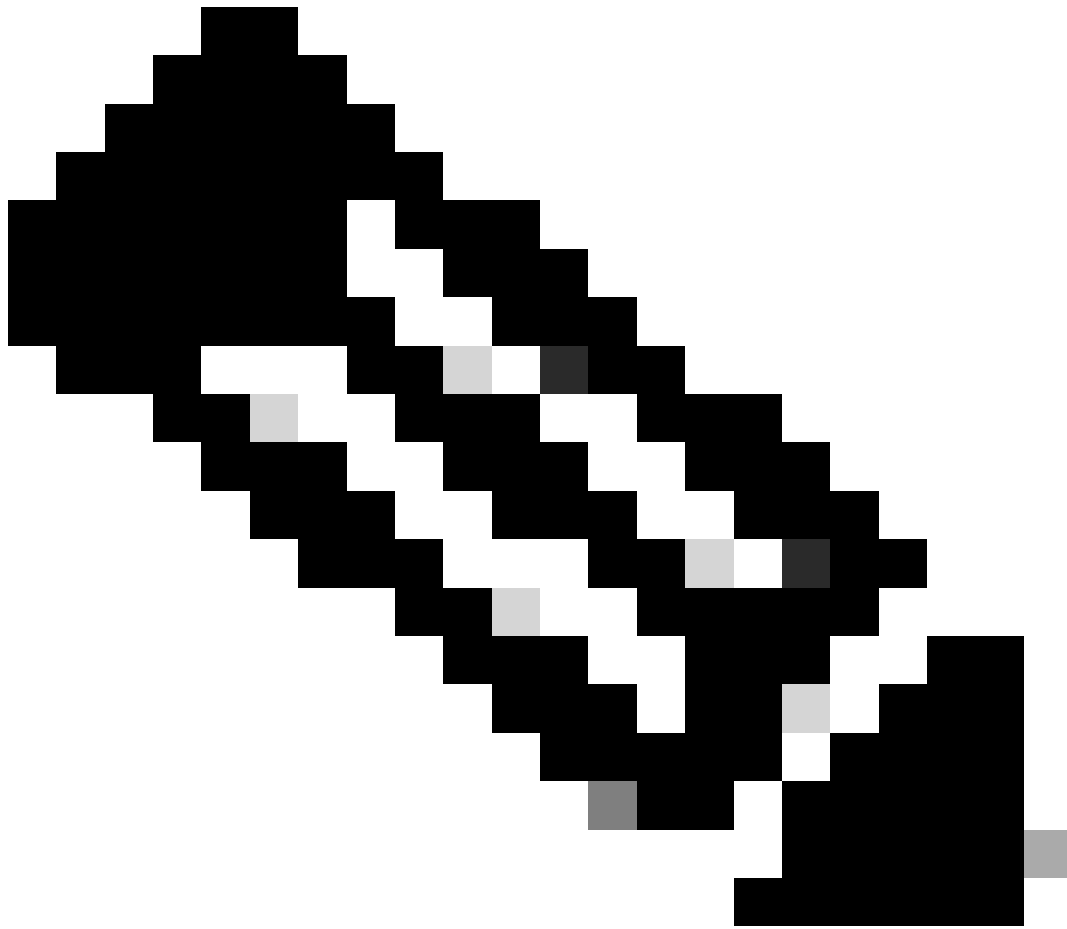
*Platform Configuration Confirmation*

After few minutes, the installation of the Publisher is finished using the import feature.



*Publisher Installation is Completed Successfully*

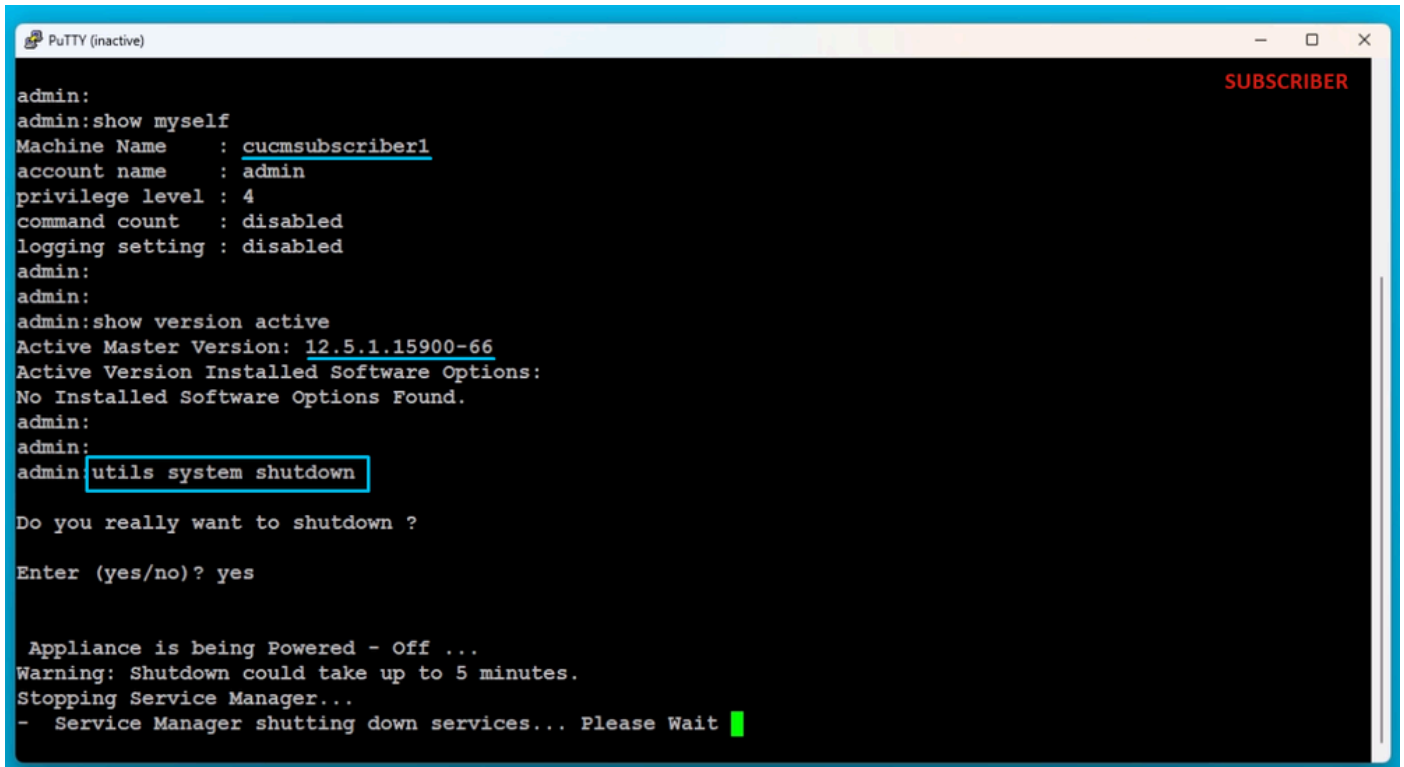
## Shutdown the Source Cluster Subscriber



**Note:** There is no need to shut down all the subscriber nodes in the cluster in one go. You can shut down only the specific subscriber to which you are performing the import operation.

---

Shutdown the **Subscriber** by executing the command **utils system shutdown**.

A screenshot of a PuTTY terminal window titled "PuTTY (inactive)". The terminal shows a series of commands and their outputs. The user is logged in as "admin". The first command is "show myself", which displays system information: Machine Name (cucmsubscriber1), account name (admin), privilege level (4), command count (disabled), and logging setting (disabled). The second command is "show version active", which displays the Active Master Version (12.5.1.15900-66) and the Active Version Installed Software Options (No Installed Software Options Found). The third command is "utils system shutdown", which is highlighted with a red box. This command prompts the user with "Do you really want to shutdown ?" and "Enter (yes/no)?". The user enters "yes". The terminal then displays the shutdown progress: "Appliance is being Powered - Off ...", "Warning: Shutdown could take up to 5 minutes.", "Stopping Service Manager...", and finally "Service Manager shutting down services... Please Wait" followed by a green progress bar.

```
admin:
admin:show myself
Machine Name      : cucmsubscriber1
account name      : admin
privilege level   : 4
command count     : disabled
logging setting   : disabled
admin:
admin:
admin:show version active
Active Master Version: 12.5.1.15900-66
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:
admin:utils system shutdown

Do you really want to shutdown ?

Enter (yes/no)? yes

Appliance is being Powered - Off ...
Warning: Shutdown could take up to 5 minutes.
Stopping Service Manager...
- Service Manager shutting down services... Please Wait █
```

*Shutdown the Subscriber*

## Install New Subscriber Using Exported Data

Build a Virtual Machine for the Subscriber using appropriate OVA Template.  
Mount 15.0.1.11900-23 version bootable image to the Virtual Machine (VM) and turn ON the VM.  
Press **OK** button after the media check is success.

Choose **Cisco Unified Communication Manager** and click **OK** button.

Press **Yes** button to proceed with installation of 15.0.1.11900-23 version.

Click **Import** button in the **Platform Installation Wizard**.



*Platform Installation Wizard*

After reading the displayed information, click **OK** button in the Import Upgrade Configuration information.

Choose **appropriate timezone** and then click **OK** button.

Click **Continue** button in the **Auto Negotiation Configuration**.

Click **No** button to have the default value in MTU Configuration.

Press **No** button under the DHCP Configuration.

Provide the **Host Name**, **IP Address**, **IP Mask** and **Gateway (GW) Address** for the Subscriber server and then press **OK** button.

Cisco Unified Communications Manager 15.0.1.11900-23 SUBSCRIBER

---

**Static Network Configuration**

Host Name	cucmsubscriber1
IP Address	10.201.251.175
IP Mask	255.255.255.224
GW Address	10.201.251.161

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*Static Network Configuration*

Click **Yes** button under the **DNS Client Configuration**.

Provide the **Primary DNS** and **Domain** and then click **OK** button.

Cisco Unified Communications Manager 15.0.1.11900-23 SUBSCRIBER

---

**DNS Client Configuration**

Primary DNS	10.88.11.170
Secondary DNS (optional)	
Domain	CiscoHttSAC.com

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*DNS Client Configuration*

Provide the **SFTP server information** (IP, directory, login ID and Password) where you have the exported data of the source cluster and then press **OK** button.

## Software Location of Data to Import

Remote Server Name or IP  
Export Data Directory

10.201.251.189\_\_\_\_\_  
/cluster-10.201.251.172\_\_

Remote Login ID  
Remote Password  
Confirm Password

cisco\_\_\_\_\_  
\*\*\*\*\*\_\_\_\_\_  
\*\*\*\*\*\_\_\_\_\_

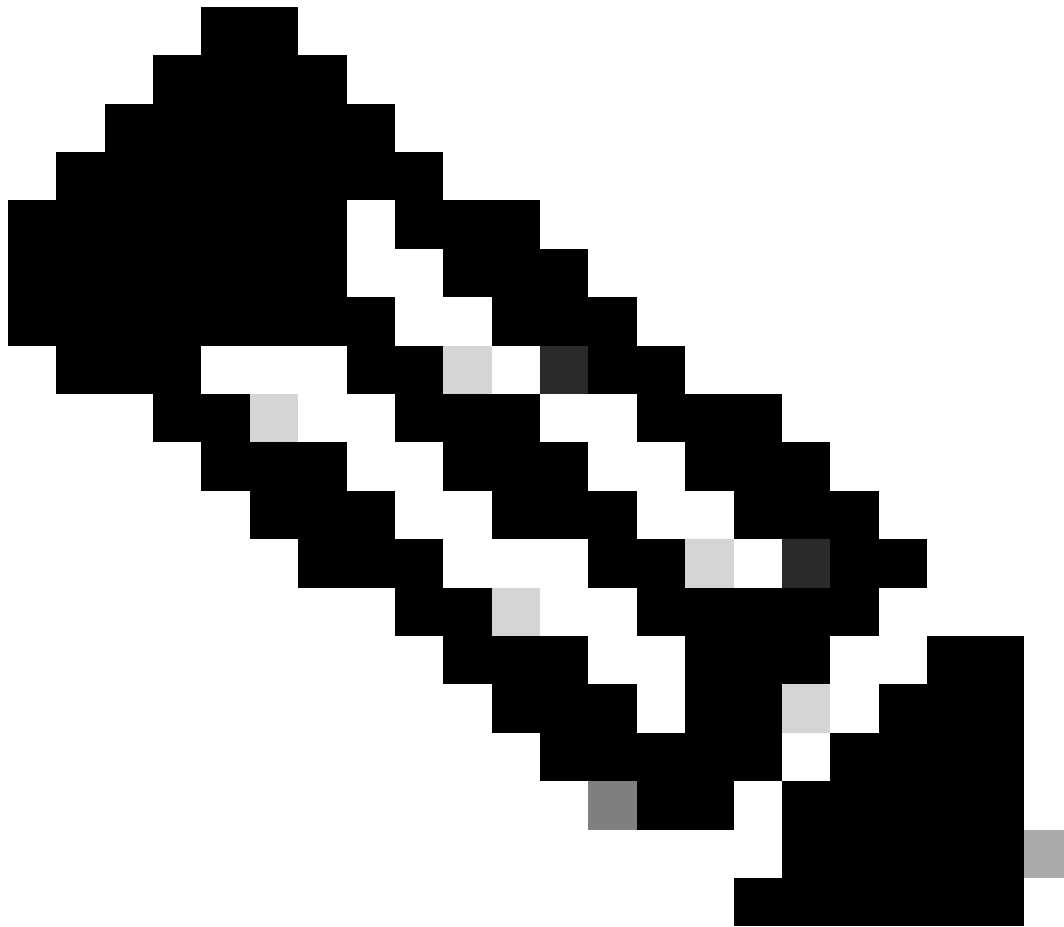
OK

Back

Help

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*Software Location of Data to Import*



**Note:** Location of the Subscriber exported data is present in the folder **cluster-Publisher\_IP\_Address** as shown in the screenshot.

C:\Users\agent1\Desktop\FTPfolder\Data_Export_Import\cluster-10.201.251.172 SFTP				
Name	Date modified	Type	Size	
clusterinfo-10.201.251.172_10.201.251.172	5/23/2024 12:38 PM	XML Document	1 KB	
clusterinfo-10.201.251.175_10.201.251.175	5/23/2024 12:57 PM	XML Document	1 KB	
node-10.201.251.172_10.201.251.172.tar	5/23/2024 12:43 PM	TAR File	1,193,540 KB	
node-10.201.251.175_10.201.251.175.tar	5/23/2024 1:03 PM	TAR File	1,171,880 KB	

Subscriber Exported Data Location in SFTP Server

Provide the **Certificate information** and click **OK** button.

Press **No** button under **First Node Configuration**.



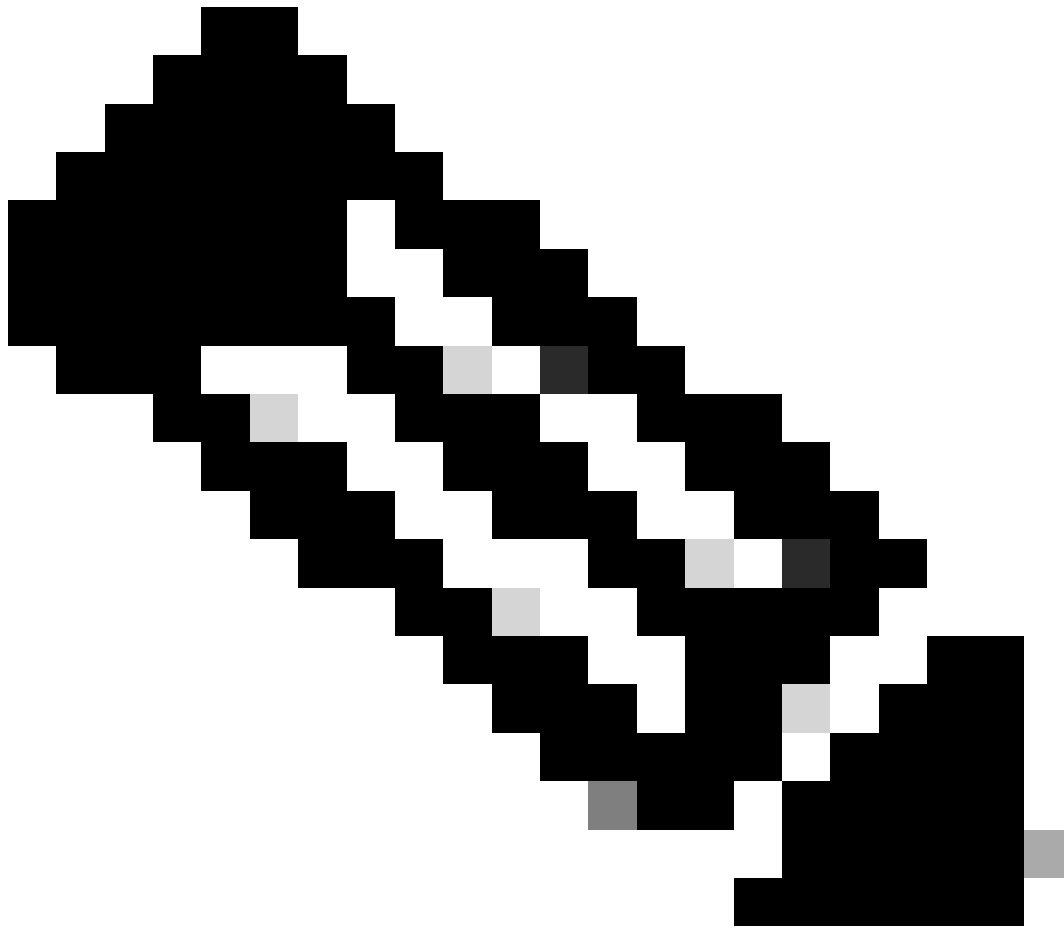


*First Node Configuration*

Press **OK** button on the **First Node Configuration** page.

Click **No** button under **Network Connectivity Test Configuration** page.

Provide the **Publisher** host name and **IP Address** in the **First Node Access Configuration** page and click **OK** button.



**Note:** The Security Password is auto-populated via imported data in this page.

---

Cisco Unified Communications Manager 15.0.1.11900-23 SUBSCRIBER

---

**First Node Access Configuration**

Connectivity to First Node:

Host Name	cucmpublisher___
IP Address	10.201.251.172__
Security Password	*****_
Confirm Password	*****_

<Tab>/<Alt-Tab> to move between elements. <Space> to select. <Enter> to proceed.

*First Node Access Configuration*

Click **No** button for **SMTP Host Configuration**.



**Note:** If want to configure SMTP, then press **Yes** button and configure the **SMTP host**.

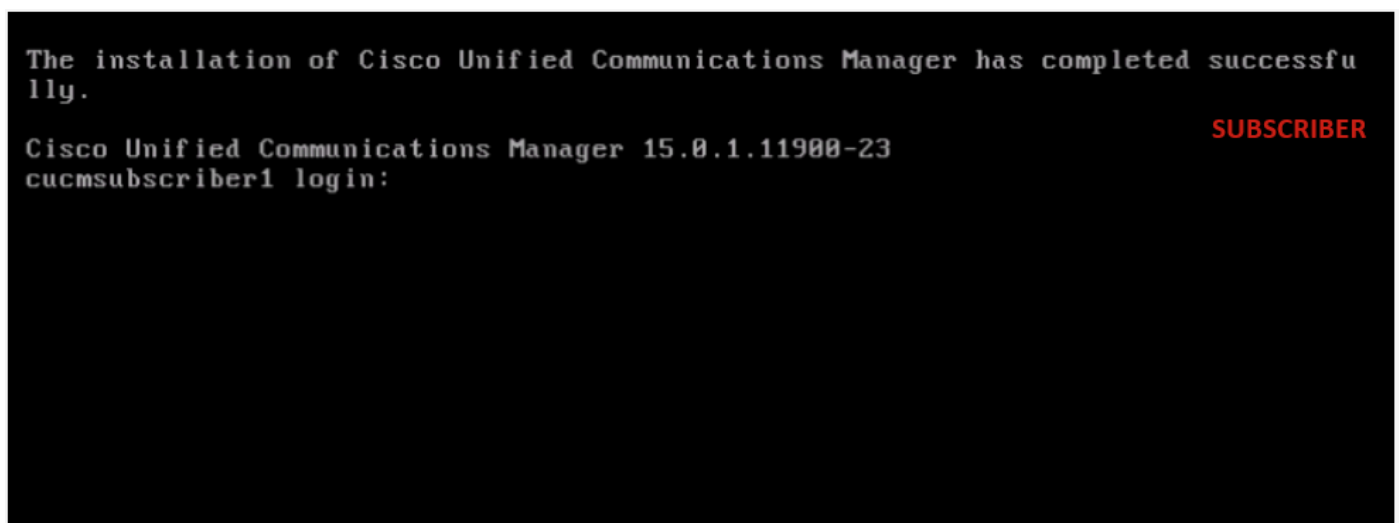
---

Click **OK** button under **Platform Configuration Confirmation** page to proceed with installation.



*Platform Configuration Confirmation*

After few minutes, the installation of the Subscriber is successful using import feature.



*Subscriber Installation is Successful*

## Verify

After successful installation of the Publisher and Subscriber, run the commands to validate.

```
show myself
show version active
utils dbreplication runtimestate
file view install system-history.log
```

PUBLISHER

admin:show myself

Machine Name : cucmpublisher

account name : admin

privilege level : 4

command count : disabled

logging setting : disabled

admin:

admin:

admin:show version active

Active Master Version: 15.0.1.11900-23

Active Version Installed Software Options:

No Installed Software Options Found.

admin:

*Publisher Verification*

admin:utils dbreplication runtimestate

Server Time: Sat Jun 1 08:05:05 PDT 2024

Cluster Replication State: BROADCAST SYNC ended at: 2024-05-26-11-13

Sync Result: SYNC COMPLETED on 753 tables out of 753

Sync Status: All Tables are in sync

Use CLI to see detail: 'file view activelog cm/trace/dbl/20240526\_111231\_dbl\_repl\_output\_Broadcast.log'

DB Version: ccm15\_0\_1\_11900\_23

Repltimeout set to: 300s

PROCESS option set to: 40

Cluster Detailed View from cucmpublisher (2 Servers):

SERVER-NAME	IP ADDRESS	PING (msec)	DB/RPC/ DbMon?	REPL. QUEUE	Replication Group ID	REPLICATION SETUP (RTMT) & Details
cucmpublisher	10.201.251.172	0.019	Y/Y/Y	0	(g_2)	(2) Setup Completed
cucmsubscriber1	10.201.251.175	0.233	Y/Y/Y	0	(g_3)	(2) Setup Completed

admin:

*Publisher Verification*

```
10.201.251.172 - PuTTY PUBLISHER
admin:
admin:
admin:file view install system-history.log

=====
Product Name - Cisco Unified Communications Manager
Product Version - 15.0.1.11900-23
Kernel Image - 4.18.0-372.16.1.el8_6.x86_64
=====
05/26/2024 06:40:55 | root: Install 15.0.1.11900-23 Start
05/26/2024 06:53:00 | root: Boot 15.0.1.11900-23 Start
05/26/2024 09:18:27 | root: Import during Install 12.5.1.15900-66-to-15.0.1.11900-23 Success
05/26/2024 09:18:27 | root: Product Version 15.0.1.11900-23
05/26/2024 09:18:27 | root: Kernel Image 4.18.0-372.16.1.el8_6.x86_64
05/27/2024 00:00:08 | root: DRS Backup UCMVersion:15.0.1.11900-23 Start
05/27/2024 00:22:01 | root: DRS Backup UCMVersion:15.0.1.11900-23 Success
05/28/2024 00:00:04 | root: DRS Backup UCMVersion:15.0.1.11900-23 Start
05/28/2024 00:22:07 | root: DRS Backup UCMVersion:15.0.1.11900-23 Success
05/29/2024 00:00:02 | root: DRS Backup UCMVersion:15.0.1.11900-23 Start
05/29/2024 00:22:15 | root: DRS Backup UCMVersion:15.0.1.11900-23 Success
05/30/2024 00:00:02 | root: DRS Backup UCMVersion:15.0.1.11900-23 Start
05/30/2024 00:22:06 | root: DRS Backup UCMVersion:15.0.1.11900-23 Success
05/31/2024 00:00:03 | root: DRS Backup UCMVersion:15.0.1.11900-23 Start
05/31/2024 00:22:01 | root: DRS Backup UCMVersion:15.0.1.11900-23 Success

options: q=quit, n=next, p=prev, b=begin, e=end (lines 1 - 20 of 22) :
admin:
admin:
```

*Publisher Verification*

SUBSCRIBER

```
10.201.251.175 - PuTTY SUBSCRIBER
admin:show myself
Machine Name      : cucmssubscriber1
account name      : admin
privilege level   : 4
command count     : disabled
logging setting   : disabled
admin:
admin:show version active
Active Master Version: 15.0.1.11900-23
Active Version Installed Software Options:
No Installed Software Options Found.
admin:
admin:
```

*Subscriber Verification*

```
10.201.251.175 - PuTTY
No Installed Software Options Found.
admin:
admin:utils dbreplication runtimestate

Server Time: Sat Jun 1 08:07:21 PDT 2024

Cluster Replication State: Only available on the PUB

DB Version: ccm15_0_1_11900_23

Repltimeout: Only available on the PUB
PROCESS option: Only available on the PUB

Cluster Detailed View from cucmssubscriber1 (2 Servers):
```

SERVER-NAME	IP ADDRESS	PING (msec)	DB/RPC/ DbMon?	REPL. QUEUE	Replication Group ID	REPLICATION SETUP (RTMT) & DB Status
cucmpublisher	10.201.251.172	0.202	Y/Y/Y	0	(g_2)	(2) Setup Completed
cucmssubscriber1	10.201.251.175	0.018	Y/Y/Y	0	(g_3)	(2) Setup Completed

Subscriber Verification

```
10.201.251.175 - PuTTY
PROCESS option: Only available on the PUB
SUBSCRIBER

Cluster Detailed View from cucmssubscriber1 (2 Servers):
```

SERVER-NAME	IP ADDRESS	PING (msec)	DB/RPC/ DbMon?	REPL. QUEUE	Replication Group ID	REPLICATION SETUP (RTMT) & DB Status
cucmpublisher	10.201.251.172	0.202	Y/Y/Y	0	(g_2)	(2) Setup Completed
cucmssubscriber1	10.201.251.175	0.018	Y/Y/Y	0	(g_3)	(2) Setup Completed

```
admin:
admin:
admin:file view install system-history.log

=====
Product Name - Cisco Unified Communications Manager
Product Version - 15.0.1.11900-23
Kernel Image - 4.18.0-372.16.1.el8_6.x86_64
=====
05/26/2024 10:09:55 | root: Install 15.0.1.11900-23 Start
05/26/2024 10:21:39 | root: Boot 15.0.1.11900-23 Start
05/26/2024 11:03:57 | root: Import during Install 12.5.1.15900-66-to-15.0.1.11900-23 Success
05/26/2024 11:03:57 | root: Product Version 15.0.1.11900-23
05/26/2024 11:03:57 | root: Kernel Image 4.18.0-372.16.1.el8_6.x86_64

end of the file reached
options: q=quit, n=next, p=prev, b=begin, e=end (lines 1 - 10 of 10) :
```

Subscriber Verification

## Related Information

- [Installation Guide for Cisco Unified Communications Manager and the IM and Presence Service, Release 14](#)