

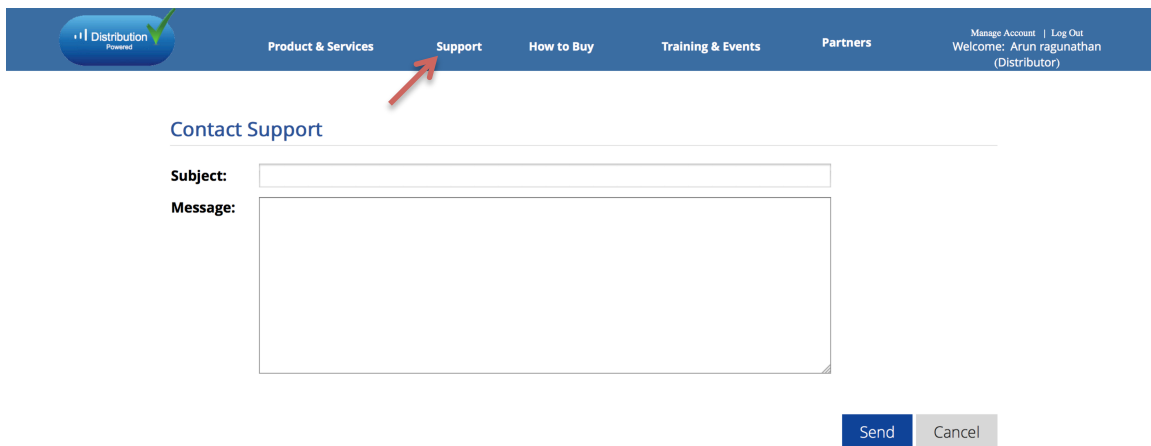
## CTOP v1.6.7 Update Summary Aug 14th, 2015 – Release

The primary purpose of this update is to enable support for new Cisco Unified Communications Solution software releases and introduce enhancements to the application installation process.

V1.6.7 Update Summary;

1. Supported Software Releases and applications
2. Application Image repository
3. New Servers
4. Automated Install (touch-less install) Support
5. Documentation changes
6. Application Specific Notes

For any/all requirements in support of CTOP, please submit a case by clicking the support button on the portal:



The screenshot shows the top navigation bar of a Cisco portal. The navigation bar is dark blue and contains the following items from left to right: a logo for 'Distribution Powered' with a green checkmark, 'Product & Services', 'Support' (highlighted with a red arrow), 'How to Buy', 'Training & Events', 'Partners', and user account information: 'Manage Account | Log Out' and 'Welcome: Arun ragunathan (Distributor)'. Below the navigation bar is a 'Contact Support' form. The form has a title 'Contact Support' and a horizontal line. It contains two input fields: 'Subject:' with a text box and 'Message:' with a larger text area. At the bottom right of the form are two buttons: 'Send' (dark blue) and 'Cancel' (grey).

# 1. Supported Software Releases and Applications

---

Support for the following two software releases has been added to CTOP:

- 10.5.2SU2
- 11.0.1

CTOP will support two latest software releases in two shipping major release trains only. Older software releases listed below will no longer be supported in CTOP:

- 9.1.2
- 10.0.1
- 10.5.1

They are provided only for backward compatibility. For new orders and orders that have not been submitted, or orders that are unlocked, these application versions will not be allowed to be submitted any longer.

CTOP currently supports the following list of applications.

- Cisco Unified Communications Manager (CUCM)
- Cisco Unity Connection (CUC)
- Cisco Instant Message and Presence (IM&P)
- Cisco Paging Server
- Cisco Prime Collaboration Provisioning (PCP)

The following applications are no longer supported in CTO:

- CER
- UCCX
- VCS

They are provided only for backward compatibility. For new orders and orders that have not been submitted, or orders that are unlocked, these applications will not be allowed to be submitted any longer.

When 11.0 is selected as the product base software version following versions of the applications will be automatically selected for installation.

- Cisco Unified Communications Manager (CUCM) – 11.0.1
- Cisco Unity Connection (CUC) – 11.0.1
- Cisco Instant Message and Presence (IM&P) – 11.0.1
- Cisco Paging Server – 11.0.2
- Cisco Prime Collaboration Provisioning (PCP) – 11.0.1

When 10.5.2 is selected as the product base software version following versions of the applications will be automatically selected for installation.

- Cisco Unified Communications Manager (CUCM) – 10.5.2SU2
- Cisco Unity Connection (CUC) – 10.5.2SU2
- Cisco Instant Message and Presence (IM&P) – 10.5.2SU2
- Cisco Paging Server – 11.0.2
- Cisco Prime Collaboration Provisioning (PCP) – 11.0.1

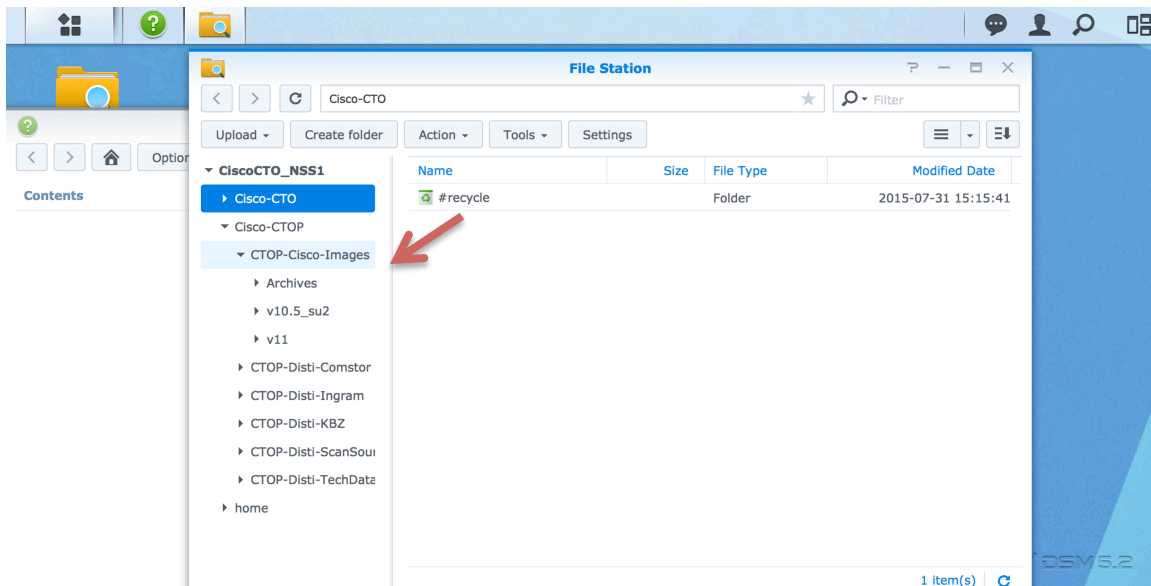
## 2. Application Image Repository

---

New application software install images that are compatible with automated install (touchless install) are now posted on the primary Synology NAS in the following directory structure. Make sure the “Cloud Station Client” is installed on the local synology NAS deployed at your site. Cloud sync needs to be to ensure new software images are automatically downloaded to the local synology NAS whenever they are posted on the primary NAS. Please refer to the detailed instructions in the CTOP administration guide to setup the NAS correctly.

Once the NAS synchronization is complete (Initial synch may take several hours), open “File Station” on the main page of the Synology DSM interface. In the synology NAS you should now find Cisco-CTOP folder. In that folder you should find subfolders for the current versions of software install images supported in CTOP, as well as the “Archives” folder for previous versions of software if needed.

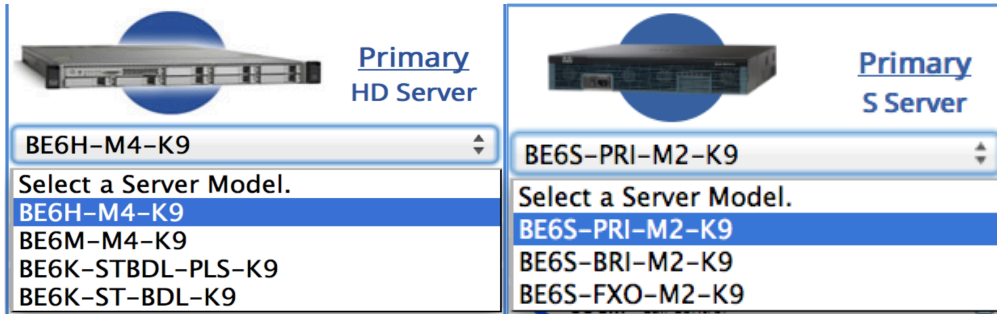
Please see below the directory structure in the NAS for the application software install images.



### 3. New Server Options

CTOP now supports following server options for BE6000 solution.

The next generation (M4) server part numbers are now included in the drop down menu selection for server options.



### 4. Automated Install support (Touchless Install)

CTOP now supports generation of Touchless installation files for all the UC applications.

Touchless installation feature makes the installation process seamless and promotes simplified installation and completion of Day 0 installation tasks without having to walk through the installation wizard manually for each application.

Touch-less install answer files (**platformconfig.xml** and **clusterconfig.xml** for CUCM and platformconfig.xml for other apps) are generated by CTOP and can be downloaded from the links provided in the Build Sheet. Please see below a section of the build sheet output. A **clusterconfig.xml** gets generated only when 2 instances of CUCM (Publisher and a subscriber) or CUCM and IMP application are selected.

#### Sample Section from the Build Sheet Output

Server Role: <b>Primary Server</b>		Administration Guide:	
Server Model: <b>BE6H-M4-K9</b>			
<b>ESXi Host Configuration:</b>			
Product Version:	11.0.1	Host Name:	man-esxi-cls1
Answer File	<b>Generate</b>	<b>Generate</b>	<b>Generate</b>
Cluster Config:	<b>Generate</b>		
Server Role: <b>Secondary Server</b>		Administration Guide:	
Server Model: <b>BE6H-M4-K9</b>			
<b>ESXi Host Configuration:</b>			

Red arrows point to the 'Generate' buttons for the Primary Server Answer File, Primary Server Cluster Config, and Secondary Server Administration Guide.

Please refer to the detailed instructions included in the CTOP administration guide posted on the right corner of tables provided in the build sheet.

**Note:** Paging application will not allow changing the Administrator User Name and Application User Name. In order for the AFG Paging file to install correctly the default user name of "admin" must be used. For new orders this will be the default functionality, that is, the admin user name will be used and user will not be able to change it. For existing orders, Answer file cannot be used.

## 5. Documentation changes












The application installation documents that are currently posted on the CTOP buildsheet are intended for manual installation. These documents are deprecated and are replaced by a single document – CTOP administration guide that – that consolidates all the instructions required for automated install and completion of Day 0 installation tasks for a Cisco Business Edition 6000 server.

CTOP administration guide describes how to install a Cisco Business Edition 6000 server that results from an order placed on the Configure-To-Order Portal (CTOP).

The document describes how to do the following:

- How to set up the Synology NAS Server for the distributor-site CTOP deployment.
- How to set up the CTOP Bench to complete a Cisco Business Edition 6000 server installation.
- How to configure the VMware components and install the UC application software that makes up the Cisco Business Edition 6000 or 6000S solution

### Sample Section from the Build Sheet Output

<b>Server Role: Primary Server</b> <b>Server Model: BE6S-PRI-M2-K9</b>		Administration Guide: 				
<b>ESXi Host Configuration:</b>						
Product Version:	5.5	Host Name:	esxi			
IP Address:	10.10.2.3	Subnet Mask:	255.255.255.0			
Default Gateway:	10.10.2.1	Password:	S3ym0ur!			
Documentation:	 					
<b>CIMC Configuration:</b>						
Product Version:	Latest Available	Host Name:	cimc			
IP Address:	10.10.2.2	Subnet Mask:	255.255.255.0			
Default Gateway:	10.10.2.1	DNS Server:	10.10.2.11			
NTP Server:	10.10.2.11	User Name:	administrator			
Password:	S3ym0ur!	Documentation:	 			
<b>Server/App Configuration</b>						
	<b>Network Detail</b>	<b>CUCM</b>	<b>CUC</b>	<b>IM&amp;P</b>	<b>Paging</b>	<b>Prime</b>
Status	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Incomplete	Incomplete	Incomplete	Incomplete	Incomplete	Incomplete
Documentation	     					

## 6. Application specific Notes - Paging server with BE6000S

---

### **IPv6 Host Entry Required for Paging**

If you are deploying BE6000S with Cisco Paging Server, you must run the following IPv6 host entry command on the router to give Cisco Unified Communications Manager an IPv6 address so that the DNS server can send IPv6 responses to Cisco Unified Communications Manager. This must be done whether your deployment uses IPv6 or not. Otherwise, SNMP requests from Paging Server to Cisco Unified Communications Manager will fail.

```
ipv6 host <ucm hostname> <cucm_ipv6_address>
```

For example, if you are deploying the preconfigured option:

```
ipv6 host ucm-pub.ciscolocal.com 2001::172:27:199:11
```

### **Disable IGMP Snooping on Access Switch for Paging**

If you are deploying BE6000S with Cisco Paging Server, you must disable IP IGMP Snooping on the access switch to which your endpoints connect. Otherwise, your endpoints won't be able to receive multicast media packets.

To disable IGMP snooping run the `no ip igmp snooping` IOS Command.