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### Previous Topic

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## Installation Readiness Checklist

Before you install Cisco Unified Presence, gather information for each server that you are installing in the cluster and print your data for reference as you work. Use [Table: Table 1 Configuration Data](#) to record the information you need. The last column in the table shows whether you can change a field after installation, and if so, whether you can change it through the Operating System administration interface or through the Command Line Interface (CLI).

### Before You Begin

- If you have multiple Cisco Unified Presence servers, make copies of this table and record your entries for each server in a separate table.
- Ensure that you enter the values accurately. You cannot change some of the fields after installation without reinstalling the software. If you are unsure about the values you need to enter, see the field descriptions and usage recommendations in the table that follows this checklist.
- Because some fields are optional, they may not be relevant to your configuration. For example, you may choose not to set up an SMTP host.

**Table: Table 1 Configuration Data**

<b>Configuration Data</b>	<b>Your Entry</b>	<b>Can Entry Be Changed After Installation</b>
Administrator Login		No
Administrator Password		Yes  <b>CLI: set password admin</b>
Application User Username		Yes  CLI:  <b>utils reset ui administrator name</b>
Application User Password		Yes  CLI:  <b>utils reset ui administrator password</b>
Security password for Cisco Unified Communications Manager publisher  <b>Note:</b> The security password that you set for each Cisco Unified Presence server must be identical to the password used on the Cisco Unified Communications Manager Publisher server.		Yes  You can change the security password entered during an initial installation in one of two ways:  <ul style="list-style-type: none"> <li>• As you configure the post-installation wizard in Cisco Unified Presence Administration.</li> <li>• After you sign into Cisco Unified Presence Administration for the first time.</li> </ul> In Cisco Unified Presence Administration: select <b>System &gt; CUCM Publisher</b>
Country		Yes  <b>CLI: set web-security</b>
DHCP		Yes.  <ul style="list-style-type: none"> <li>• In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Publisher</b></li> <li>• CLI: <b>set network dhcp</b></li> </ul>
DNS Primary		Yes

Table: Table 1 Configuration Data

	CLI: <b>set network dns</b>
DNS Secondary	Yes
	CLI: <b>set network dns</b>
Domain	Yes
	CLI: <b>set network domain</b>
Gateway Address	Yes. <ul style="list-style-type: none"> <li>• In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Ethernet</b></li> <li>• CLI: <b>set network gateway</b></li> </ul>
Host Name  <b>Note:</b> To change the hostname on a Cisco Unified Presence server, see <i>Changing the IP Address and Hostname for Cisco Unified Presence</i> .	Yes <ul style="list-style-type: none"> <li>• In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Ethernet</b></li> <li>• CLI: <b>set network IP</b></li> </ul>
IP Address  <b>Note:</b> To change the IP address on a Cisco Unified Presence server, see <i>Changing the IP Address and Hostname for Cisco Unified Presence</i> .	Yes <ul style="list-style-type: none"> <li>• In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Ethernet</b></li> <li>• CLI: <b>set network IP</b></li> </ul>
IP Subnet Mask	Yes <ul style="list-style-type: none"> <li>• In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Ethernet</b></li> <li>• CLI: <b>set IP</b></li> </ul>
Cisco Unified Presence Publisher Node Host Name  <b>Note:</b> To change the host name on a Cisco Unified Presence server, see <i>Changing the IP Address and Hostname for Cisco Unified Presence</i> .	Yes  In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Publisher</b>  <b>Note:</b> This only applies if, for network configuration purposes, you changed the hostname on the Cisco Unified Presence publisher server. If you do this, you must update the IP address of the publisher server on subsequent servers in Cisco Unified Presence.
Cisco Unified Presence Publisher Node IP Address.  <b>Note:</b> To change the host name on a Cisco Unified Presence server, see <i>Changing the IP Address and Hostname for Cisco Unified Presence</i> .	Yes  In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; IP &gt; Publisher</b>

Table: Table 1 Configuration Data

<p><i>Presence.</i></p>	<p><b>Note:</b> This only applies if, for network configuration purposes, you changed the hostname on the Cisco Unified Presence publisher server. If you do this, you must update the IP address of the publisher server on subsequent servers in Cisco Unified Presence.</p>
<p>Location</p>	<p>Yes</p> <p><b>CLI: set web-security</b></p>
<p>Master Administrator ID</p>	<p>No</p>
<p>MTU Size</p> <p><b>Note:</b> This value must be the same as the value entered on the Cisco Unified Communications Manager server. Otherwise the installation will fail.</p>	<p>Yes</p> <p><b>CLI: set network mtu</b></p> <p><b>Note:</b> If you need to change this value for Cisco Unified Presence, you must match it with the value on Cisco Unified Communications Manager.</p>
<p>NTP Server IP Address</p>	<p>Yes</p> <p>In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; NTP Servers</b></p>
<p>Organization</p>	<p>Yes</p> <p><b>CLI: set web-security</b></p>
<p>Security Password</p>	<p>Yes</p> <p><b>CLI: set password security</b></p>
<p>SMTP Location</p>	<p>Yes</p> <ul style="list-style-type: none"> <li>• In Cisco Unified Communications Operating System Administration: select <b>Settings &gt; SMTP</b>, and enter the IP address or Hostname in the SMTP Host Field.</li> <li>• <b>CLI: set smtp</b></li> </ul>
<p>State</p>	<p>Yes</p> <p><b>CLI: set web-security</b></p>
<p>Time Zone</p>	<p>Yes</p> <p><b>CLI: set timezone</b></p>
<p>Unit</p>	<p>Yes</p> <p><b>CLI: set web-security</b></p>

Table: Table 1 Configuration Data

**Related Topics**

- [Performing Pre-Installation Tasks](#)
- [Field Definitions: Installation Readiness Checklist](#)
- [Getting More Information](#)

**Field Definitions: Installation Readiness Checklist****Before You Begin**

Review the Installation Readiness Checklist.

Table: Field Definitions describes the fields listed in the Installation Readiness checklist in more detail

**Table: Field Definitions**

<b>Field</b>	<b>Description</b>	<b>Usage</b>
Administrator Login	Specifies the name that you want to assign to the Administrator account.	Ensure the name is unique; it can contain lowercase, alphanumeric characters, hyphens, and underscores. It must start with a lowercase, alphanumeric character.  You should record this mandatory field value for use when signing in to the CLI on the platform or into the Cisco Unified Communications Operating System Administration.  <b>Note:</b> You cannot change this field after installation.
Administrator Password	Specifies the password for the Administrator account.	Use this password to sign in to Cisco Unified Communications Operating System Administration, Disaster Recovery System, and the CLI.
Application User Username and Password	Specifies the user ID and password for Cisco Unified Presence administration.	Use this user ID and password to sign in to the Cisco Unified Presence administration interface.
DHCP	Dynamic Host Configuration Protocol	Click <b>Yes</b> if you want to use DHCP to automatically configure the network settings on your server.  If you click <b>No</b> , you must enter a hostname, IP Address, IP Mask, Gateway, and DNS configuration.
DNS Enabled	A Domain Name System (DNS) server represents a device that resolves a hostname into an IP address or an IP address into a hostname.	If you do not have a DNS server, enter <b>No</b> . When DNS is not enabled, you should only enter IP addresses (not hostnames) for all network devices in your Cisco IP Telephony network.  If you have a DNS server, we recommend that you enter <b>Yes</b> to enable DNS. Disabling DNS limits the ability of the

	The DNS fields only display when you are not using DHCP.	system to resolve some domain names.
DNS Primary	Cisco Unified Presence contacts this DNS server first when attempting to resolve host names.	Enter the IP address of the DNS server that you want to specify as the primary DNS server. Enter the IP address in dotted decimal format as ddd.ddd.ddd.ddd where ddd can have a value between 0 and 255 (except 0.0.0.0).  Consider this field mandatory if DNS is set to <b>yes</b> .
DNS Secondary	When a primary DNS server fails, Cisco Unified Presence will attempt to connect to the secondary DNS server.	In this optional field, enter the IP address of the secondary DNS. Enter the IP address in dotted decimal format as ddd.ddd.ddd.ddd where ddd can have a value between 0 and 255 (except 0.0.0.0).
Domain	Represents the name of the domain in which this machine is located.	Consider this field mandatory if DNS is set to <b>yes</b> .
Gateway Address	A gateway represents a network point that acts as an entrance to another network. Outbound packets are sent to the gateway that will forward them to their final destination.	Enter the IP address of the gateway in the format ddd.ddd.ddd.ddd where ddd can have a value between 0 and 255 (except 0.0.0.0)  If you do not have a gateway, you must still fill in this field by setting it to 255.255.255.255. Not having a gateway may limit you to being able to communicate with devices only on your subnet.
Host Name	A host name represents an alias that is assigned to an IP address to identify it.	Enter a host name that is unique to your network.  The host name can comprise up to 64 characters and can contain alphanumeric characters and hyphens.  If DHCP is set to <b>no</b> , consider this field mandatory.
IP Address	Specifies the IP address of this machine. It will uniquely identify the server on this network. No other machine in this network should be using this IP address.	Enter the IP address in the form ddd.ddd.ddd.ddd where ddd can have a value between 0 and 255 (except 0.0.0.0).  If DHCP is set to <b>no</b> , consider this field mandatory.
IP Mask	Specifies the IP subnet mask of this machine. The subnet mask together with the IP address defines the network address and the host address.	Enter the IP mask in the form ddd.ddd.ddd.ddd where ddd can have a value between 0 and 255 (except 0.0.0.0).  A valid mask should have contiguous '1' bits on left side and contiguous '0' bits on the right.  For example, a valid mask follows: 255.255.240.0 (11111111.11111111.11110000.00000000)

Table: Field Definitions

		An invalid mask follows: 255.255.240.240 (11111111.11111111.11110000.11110000)
MTU	The maximum transmission unit (MTU) represents the largest packet, in bytes, that this host will transmit on the network.	Enter the MTU size in bytes for your network. If you are unsure of the MTU setting for your network, use the default value.  Default: 1500 bytes  The MTU setting must be the same on all nodes in a cluster.
SMTP Location	Specifies the name of the SMTP host that is used for outbound email.	Enter the hostname or dotted IP address for the SMTP server. For a host, it can contain alphanumeric characters, hyphens, or periods. For a host name, it must start with an alphanumeric character.  You must fill in this field if you plan to use electronic notification. If not, you can leave it blank.
Time zone	Reflects the local time zone and offset from Greenwich Mean Time (GMT)	Click <b>Yes</b> if you want to change the time zone.  Select the time zone that most closely matches the location of your machine.

#### Related Topics

- [Installation Readiness Checklist](#)
- [Getting More Information](#)

## RAID and BIOS Settings

During the software installation, the system installer configures the system BIOS and RAID settings for the new operating system and Cisco Unified Presence application.

See the tables below for the BIOS settings and the RAID settings that are set up during installation. If the hardware configuration process fails during installation, you can use boot-time utilities on both the IBM and HP servers to manually configure the RAID and BIOS settings, as advised in [Table: Table 3 BIOS Configuration Settings for HP and IBM Servers](#) and [Table: Table 4 RAID Settings](#).

**Table: Table 3 BIOS Configuration Settings for HP and IBM Servers**

HP Servers	IBM Servers
OS Selection: Linux (not applicable on newer models)	OS Selection: Not applicable
Boot order: CD, C:, Floppy	Boot order: CD, C:, Floppy
Post F1 prompt: Delayed	Post F1 prompt: Delayed
Hyperthreading: Enabled	Hyperthreading: Enabled

**Table: Table 4 RAID Settings**

Cisco MCS 7825 (HP and IBM)	Cisco MCS 7835 (HP and IBM)	Cisco MCS 7845 (HP and IBM)
RAID not applicable	Logical drives: 1	Logical drives: 2
RAID not applicable	RAID type: 1(1+0)	RAID type: 1(1+0)
<b>Note:</b> For the Cisco 7825H1 and the Cisco 7825I1, SATA RAID is enabled, and the RAID type is 1(1+0), with one logical drive.		

**Related Topics**

- [How to Install Cisco Unified Presence](#)
- [Getting More Information](#)