



Managing Time Zones

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Time Zones

Cisco UCS requires an instance-specific time zone setting and an NTP server to ensure the correct time display in Cisco UCS Manager. If you do not configure both of these settings in a Cisco UCS instance, the time does not display correctly.

Setting the Time Zone

Procedure

	Command or Action	Purpose
Step 1	UCS-A# scope system	Enters system mode.
Step 2	UCS-A /system # scope services	Enters system services mode.
Step 3	UCS-A /system/services # set timezone	At this point, you are prompted to enter a number corresponding to your continent, country, and time zone region. Enter the appropriate information at each prompt. When you have finished specifying the location information, you are prompted to confirm that the correct time zone information is being set. Enter 1 (yes) to confirm, or 2 (no) to cancel the operation.

	Command or Action	Purpose
Step 4	UCS-A /system/services # commit-buffer	Commits the transaction to the system configuration.
Step 5	UCS-A /system/services # exit	Enters system mode.
Step 6	UCS-A /system/services # exit	Enters EXEC mode.
Step 7	UCS-A /system/services # show timezone	Displays the configured timezone.

The following example configures the timezone to the Pacific time zone region, commits the transaction, and displays the configured timezone:

```
UCS-A# scope system
UCS-A /system # scope services
UCS-A /system/services # set timezone
Please identify a location so that time zone rules can be set correctly.
Please select a continent or ocean.
1) Africa          4) Arctic Ocean    7) Australia      10) Pacific Ocean
2) Americas       5) Asia           8) Europe
3) Antarctica     6) Atlantic Ocean 9) Indian Ocean
#? Arctic ocean
Please enter a number in range.
#? 2
Please select a country.
1) Anguilla        18) Ecuador        35) Paraguay
2) Antigua & Barbuda 19) El Salvador    36) Peru
3) Argentina      20) French Guiana 37) Puerto Rico
4) Aruba          21) Greenland      38) St Kitts & Nevis
5) Bahamas        22) Grenada        39) St Lucia
6) Barbados       23) Guadeloupe     40) St Pierre & Miquelon
7) Belize         24) Guatemala      41) St Vincent
8) Bolivia        25) Guyana         42) Suriname
9) Brazil         26) Haiti          43) Trinidad & Tobago
10) Canada        27) Honduras       44) Turks & Caicos Is
11) Cayman Islands 28) Jamaica        45) United States
12) Chile         29) Martinique     46) Uruguay
13) Colombia      30) Mexico         47) Venezuela
14) Costa Rica    31) Montserrat     48) Virgin Islands (UK)
15) Cuba          32) Netherlands Antilles 49) Virgin Islands (US)
16) Dominica     33) Nicaragua
17) Dominican Republic 34) Panama
#? 45
Please select one of the following time zone regions.
1) Eastern Time
2) Eastern Time - Michigan - most locations
3) Eastern Time - Kentucky - Louisville area
4) Eastern Time - Kentucky - Wayne County
5) Eastern Standard Time - Indiana - most locations
6) Eastern Standard Time - Indiana - Crawford County
7) Eastern Standard Time - Indiana - Starke County
8) Eastern Standard Time - Indiana - Switzerland County
9) Central Time
10) Central Time - Michigan - Wisconsin border
11) Central Time - North Dakota - Oliver County
12) Mountain Time
13) Mountain Time - south Idaho & east Oregon
14) Mountain Time - Navajo
15) Mountain Standard Time - Arizona
16) Pacific Time
17) Alaska Time
18) Alaska Time - Alaska panhandle
19) Alaska Time - Alaska panhandle neck
20) Alaska Time - west Alaska
21) Aleutian Islands
22) Hawaii
```

```

#? 16

The following information has been given:

    United States
    Pacific Time

Therefore timezone 'America/Los Angeles' will be set.
Local time is now:   Fri May 15 07:39:25 PDT 2009.
Universal Time is now:  Fri May 15 14:39:25 UTC 2009.
Is the above information OK?
1) Yes
2) No
#? 1
UCS-A /system/services* # commit-buffer
UCS-A /system/services # exit
UCS-A /system # exit
UCS-A# show timezone
Timezone: America/Los_Angeles (Pacific Time)
UCS-A#
    
```

Configuring an NTP Server

Procedure

	Command or Action	Purpose
Step 1	UCS-A# scope system	Enters system mode.
Step 2	UCS-A /system # scope services	Enters system services mode.
Step 3	UCS-A /system/services # create ntp-server {hostname ip-addr}	Configures the system to use the NTP server with the specified hostname or IP address.
Step 4	UCS-A /system/services # commit-buffer	Commits the transaction to the system configuration.

The following example configures an NTP server with the IP address 192.168.200.101 and commits the transaction:

```

UCS-A# scope system
UCS-A /system # scope services
UCS-A /system/services # create ntp-server 192.168.200.101
UCS-A /system/services* # commit-buffer
UCS-A /system/services #
    
```

Deleting an NTP Server

Procedure

	Command or Action	Purpose
Step 1	UCS-A# scope system	Enters system mode.
Step 2	UCS-A /system # scope services	Enters system services mode.

	Command or Action	Purpose
Step 3	UCS-A /system/services # delete ntp-server { <i>hostname</i> <i>ip-addr</i> }	Deletes the NTP server with the specified IP address.

The following example deletes the NTP server with the IP address 192.168.200.101 and commits the transaction:

```
UCS-A# scope system
UCS-A /system # scope services
UCS-A /system/services # delete ntp-server 192.168.200.101
UCS-A /system/services* # commit-buffer
UCS-A /system/services #
```