

NTP for Sites – HQ, SiteB, SiteC

« DHCP for Sites – HQ, Site B and Site C (</workbook/view/ccie-collaboration/task/dhcp-for-sites-hq-site-b-and-site-c-MzAyMw%3D%3D>) | CDP / LLDP-MED (</workbook/view/ccie-collaboration/task/cdp-ldp-med-MzAyNQ%3D%3D>) »

Last updated: November 13, 2017

Tasks

- Synchronize all network devices, along with both UCMs at HQ, UCM at Site B and HQ CUC to R1's loopback adapter, and ensure R1 has its time synchronized to the PSTN/WAN router. The PSTN/WAN router will only respond if R1's NTP packets come from its loopback interface. Ensure all devices that have a hardware clock, save the NTP synchronized time to that hardware clock. HQ is in San Jose and is 8 hours behind GMT. Site B is 2 hours ahead of HQ. Site C is in Hong Kong and is 8 hours ahead of GMT.

Configuration: [Click to collapse](#)

HQ – R1

```
ntp server 11.11.11.4
clock timezone PST -8 0
clock summer-time PST recurring
!
ntp source Loopback 0
ntp update-calendar
clock update-calenda FROM EXEC MODE
```

Site B – R2

```
ntp server 11.11.11.1
clock timezone CST -6 0
clock summer-time CST recurring
ntp update-calendar
clock update-calendar FROM EXEC MODE
```

Site C – R3

```
ntp server 11.11.11.1
clock timezone HK +8 0
ntp update-calendar
clock update-calendar FROM EXEC MODE
```

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Site B – Publisher

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HQ – Publisher

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Site B – Publisher

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