



Installing the Patch on Cisco cBR-8 Router System

This section contains the patch installation procedures for the Cisco cBR-8 Router System.

- [Installing the Patch for Cisco IOS-XE Everest 16.5.1, on page 1](#)

Installing the Patch for Cisco IOS-XE Everest 16.5.1

Before you begin

Before installing the patch, make sure the system is running in Sub-Package Mode.

- Step 1** Verify the directory in which the .conf file is booted.
- Step 2** Verify LCHA is configured and all linecards are member of LCHA group.
- Step 3** Verify Peer State is "Stdby Warm" for all active cards using **show redundancy linecard all** command.

Example:

```
Router# show redundancy linecard all
Load for five secs: 18%/4%; one minute: 20%; five minutes: 29%
Time source is NTP, 19:48:34.289 PDT Mon Sep 5 2016
```

Slot	Subslot	LC Group	My State	Peer State	Peer Slot	Peer Subslot	Role	Mode
2	-	0	Active	Stdby Warm	0	-	Active	Primary
3	-	0	Active	Stdby Warm	0	-	Active	Primary
6	-	0	Active	Stdby Warm	0	-	Active	Primary
8	-	0	Active	Stdby Warm	0	-	Active	Primary
9	-	0	Active	Stdby Warm	0	-	Active	Primary
1	-	0	Active	Stdby Warm	0	-	Active	Primary
7	-	0	Active	Stdby Warm	0	-	Active	Primary
0	-	0	-	-	Multiple	None	Standby	Secondary

- Step 4** Download the new patch .tar file to this active directory.
- Step 5** Start the patch installation process using the following command. It will first install patch on standby RP and then on active RP. All of these happen automatically.

```
request platform software package install node file patch filename.tar
```

Example:

```
Router# request platform software package install node file harddisk:subpkg/cbr_patch-16.5.1-patch1.tar
```

Step 6

Verify the patch is applied to all linecards as expected with the following command:

```
show platform software patch slot info
```

Example:

```
Router# show platform software patch 1 info
cbrsup-clciosdb: 16.5.1 (0.0)
cbrsup-clc-firmware: 16.5.1 (0.0)
cbrsup-clcvideo: 16.5.1 (0.0)
cbrsup-clcios: 16.5.1 (0.0)
cbrsup-clccontrol: 16.5.1 (0.0)
cbrsup-clcdocsis: 16.5.1 (1.0)
cbrsup-clcmipsbase: 16.5.1 (0.0)
```

As shown in the example above, after the patch installation, only clcdocsis is changed to 1.0.
