

Cornelis® Omni-Path Fabric Software v10.11.1.3.1 for Cornelis® OmniPath on Red Hat Enterprise Linux 8U4

This document contains brief description on how to install/upgrade Cornelis® Omni-Path Fabric Software v10.11.1.3.1 for Cornelis® Omni-Path on Red Hat Enterprise Linux 8 Update 4 (Kernel 4.18.0-305.el8.x86_64) using the “yum” command. The Cornelis® Omni-Path Host Fabric Interface driver updates are accomplished by the software during installation or upgrades. There are two Cornelis Omni-Path Fabric Software packages:

- *Basic for compute nodes*
- *OPXS (formerly IFS) for the management node*

Pre-requisites

Ensure that a yum repository of Red Hat Enterprise Linux 8 Update 4 is configured and available for installing any additional RPMs from OS distribution.

Installation

If you are subscribed to the Cornelis Omni-Path Basic software repository, execute the below command:

- *yum install hpe-opa-basic*

Alternately the Cornelis-Omni-Path Basic software packages can be downloaded from:

https://downloads.linux.hpe.com/SDR/repo/intel_opa/basic/redhat/8.4/x86_64/current/

If you are subscribed to the Cornelis Omni-Path IFS software repository, execute the below command:

- *yum install hpe-opa-opxs*

Alternately the Cornelis-Omni-Path OPXS software packages can be downloaded from:

https://downloads.linux.hpe.com/SDR/repo/intel_opa/ifs/redhat/8.4/x86_64/current/

Update

Ensure that the following steps are followed if a previous version of Cornelis Omni-Path software bundle is already installed.

If you are subscribed to the Cornelis Omni-Path Basic software repository, execute the below commands in sequence:

- *yum clean all*
- *yum update hpe-opa-basic*

If you are subscribed to the Cornelis Omni-Path IFS software repository, execute the below commands in sequence:

- *yum clean all*

- `yum update hpe-opa-opxs`

Uninstallation

For versions prior to v10.11.1.3.1:

To ensure the Cornelis Omni-Path packages are uninstalled, execute the below command:

If you are subscribed to the Cornelis Omni-Path Basic software repository, execute the below command:

- `yum remove hpe-intel-opa-basic`
- `opaconfig -u`

If you are subscribed to the Cornelis Omni-Path IFS software repository, execute the below command:

- `yum remove hpe-intel-opa-ifs`
- `opaconfig -u`

Version check

To check the version of the Cornelis Omni-Path software bundle installed, execute the below command:

- `opaconfig -V`

NOTE: Please remove the obsoleting pre-requisites packages if found by the “yum remove” command.