

Cornelis® Omni-Path Fabric Software v10.12.1.0.7 for Cornelis® OmniPath on Rocky Linux 9U0

This document contains brief description on how to install/upgrade Cornelis® Omni-Path Fabric Software v10.12.1.0.7 for Cornelis® Omni-Path on Rocky Linux 9 Update 0 (Kernel 5.14.0-70.13.1.el9_0.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 Rocky Linux 9 Update 0 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/rocky/9.0/x86_64/current/

If you are subscribed to the Cornelis Omni-Path OPXS 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/rocky/9.0/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 OPXS software repository, execute the below commands in sequence:

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

Uninstallation

For versions prior to v10.10.2.0.44:

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-opa-basic***
- ***opaconfig -u***

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

- ***yum remove hpe-opa-opxs***
- ***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.