Cornelis® Omni-Path Fabric Software v10.14.1.1.3 for Cornelis® OmniPath on Red Hat Enterprise Linux 9U1

This document contains brief description on how to install/upgrade Cornelis® Omni-Path Fabric Software v10.14.1.1.3 for Cornelis® Omni-Path on Red Hat Enterprise Linux 9 (Kernel 5.14.0-162.6.1.el9_1.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*
- *IFS for the management node*

Pre-requisites

Ensure that a yum repository of Red Hat Enterprise Linux 9 Update 1 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/9.1/x86_64/current/

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

- *yum install hpe-opa-ifs*

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

https://downloads.linux.hpe.com/SDR/repo/intel_opa/ifs/redhat/9.1/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-ifs*

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 IFS software repository, execute the below command:

- **yum remove hpe-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.