

This document contains brief description on how to install/upgrade Intel® Omni-Path Fabric Software v10.6.1.0.2 for Intel® Omni-Path on Red Hat Enterprise Linux 7 Update 3 (Kernel 3.10.0-514.el7.x86_64) using the “yum” command. The Intel® Omni-Path Host Fabric Interface driver updates are accomplished by the software during installation or upgrades. There are two Intel 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 7 Update 3 is configured and available for installing any additional RPMs from OS distribution.

Installation

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

- yum install hpe-intel-opa-basic

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

https://downloads.linux.hpe.com/SDR/repo/intel_opa/basic/redhat/7.3/x86_64/current/

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

- yum install hpe-intel-opa-ifs

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

https://downloads.linux.hpe.com/SDR/repo/intel_opa/ifs/redhat/7.3/x86_64/current/

Update

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

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

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

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

- yum clean all
- yum update hpe-intel-opa-ifs

Uninstallation

For versions prior to v10.4.2.0.7:

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

- opa_uninstall.sh

For v10.4.2.0.7 and later:

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

- intelopa_uninstall

Version check

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

- intelopa_installed

Limitation

The opaconfig utility is unavailable in versions prior to 10.6.1.0.2, when Intel Omni-Path packages are installed from https://downloads.linux.hpe.com/SDR/repo/intel_opa.