

Intel® Omni-Path Fabric Software v10.8.0.0.204 for Intel® Omni-Path on Red Hat Enterprise Linux 7 Update 4

This document contains brief description on how to install/upgrade Intel® Omni-Path Fabric Software v10.8.0.0.204 for Intel® Omni-Path on Red Hat Enterprise Linux 7 Update 4 (Kernel 3.10.0-693.21.1.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 4 is configured and available for installing any additional RPMs from OS distribution.

Make sure your kernel is upgraded to retpoline kernel 3.10.0-693.21.1, since all packages are compiled with retpoline kernel.

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/7.4/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/7.4/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 v10.8.0.0.204:

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

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

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

If you are subscribed to the Intel 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 Intel 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