

Intel® Omni-Path Fabric Software v10.8.0.0.204 for Intel® Omni-Path on SuSE Linux Enterprise Linux Server15

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 SuSE Linux Enterprise Server 15 (Kernel 4.12.14-23-default) using the “zypper” 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 the zypper repositories of SuSE Linux Enterprise Server 15 as well as the SuSE Linux Enterprise Server 15 Software Development Kit (SDK) are configured and available for installing any additional RPMs from OS distribution.

Important: Boot the kernel with "iomem=relaxed" parameter for the firmware update to complete successfully. Refer the following Customer Advisory for further details:

https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00060145en_us

Installation

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

- zypper install hpe-intel-opa-basic

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

http://downloads.linux.hpe.com/SDR/repo/intel_opa/basic/suse/SLES15/x86_64/current/

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

- zypper install hpe-intel-opa-ifs

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

http://downloads.linux.hpe.com/SDR/repo/intel_opa/ifs/suse/SLES15/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:

- *zypper refresh*
- *zypper update hpe-intel-opa-basic*

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

- *zypper refresh*
- *zypper update hpe-intel-opa-ifs*

Uninstallation

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

- *zypper remove hpe-intel-opa-basic*
- *opaconfig -u*

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

- *zypper 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 “zypper remove” command