

This document contains brief description on how to install/upgrade Intel® Omni-Path Fabric Software v10.5.1.0.2 for Intel® Omni-Path on SuSE Linux Enterprise Server 12 SP 2 (Kernel 4.4.21-69-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 12 SP 2 as well as the SuSE Linux Enterprise Server 12 SP2 Software Development Kit (SDK) are 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:

- 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/SLES12-SP2/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/SLES12-SP2/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

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 when Intel Omni-Path packages are installed from https://downloads.linux.hpe.com/SDR/repo/intel_opa.