

This document contains brief description on how to install/upgrade Intel® Omni-Path Fabric Software v10.4.2.0.7 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/](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/](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](https://downloads.linux.hpe.com/SDR/repo/intel_opa).