Using MLNX OFED repository on SuSE Enterprise Server 15 SP3

This document contains brief description on how to install MLNX OFED 4.9-7.1.0.0 drivers on SLES15SP3 using "zypper" commands.

Prerequisites:

Make sure that the distro InfiniBand drivers are not installed on your system since these RPMs will conflict with MLNX OFED RPMs. If you have already selected these packages during Operating System Installation, please remove all packages from the pattern "InfiniBand (OFED)" using yast2..:

Note: Since the removal of a pattern is not supported through "zypper", you may have to use the "yast2" GUI to uninstall all RPMs under "InfiniBand (OFED)" pattern.

Important:

This repository supports the following kernel versions only:

 5.3.18-57-default

If you are using any other kernel version, please use MLNX_OFED_LINUX-4.9-7.1.0.0-sles15sp3-x86_64.iso available at hpe.com and follow the instructions for building a custom iso for tainted kernels. The instructions are available in the user manual located under "docs" directory in the iso.

Installation:

Once you are subscribed to MLNX_OFED repository, execute the below command to install MLNX OFED:

If using kernel version 5.3.18-57-default:

    # zypper install hpe-mlnx-ofed-default

Note:
To load the new drivers either run below command or reboot the server after MLNX OFED installation.
#/etc/init.d/openibd restart

Uninstallation:

In case all the MLNX OFED RPMs need to be uninstalled, execute the below command to make sure that all RPMs are removed:

ofed_uninstall.sh --force