

Using MLNX OFED repository on Red Hat Enterprise Linux 7 Update 9

This document contains brief description on how to install MLNX OFED 4.9-7.1.0.0 drivers on Red Hat Enterprise Linux 7 Update 9 using “yum” 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 setup a repository for RHEL7 Update 9 RPMs for your system, please execute the below command to make sure that distro InfiniBand RPMs are uninstalled:

```
# yum group remove “infiniband support”
```

Note: Install zlib-devel, tcsh and python2 or python3.

Important:

This repository supports the following kernel versions only:

3.10.0-1160.el7.x86_64

If you are using a different kernel version, please use MLNX_OFED_LINUX-4.9-7.1.0.0-rhel7.9-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 under “docs” directory in the iso.

Installation:

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

```
# yum install hpe-mlnx-ofed
```

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 commands to make sure that all RPMs are removed:

```
# ofed_uninstall.sh --force
```