

Using MLNX OFED Repository

Installation

After setting up a repository, install one of the following metadata packages:

Installing "mlnx_ofed" Repository

1. View the available group metadata packages by invoking:

- **Red Hat Enterprise Linux**

```
# yum search mlnx-ofed-
```

- **SUSE Linux Enterprise Server**

```
# zypper search mlnx-ofed-
```

- **Ubuntu and Debian**

```
# apt-cache search mlnx-ofed-
```

2. Install the desired group metadata package.

- **Red Hat Enterprise Linux**

```
# yum install mlnx-ofed-all
```

- **SUSE Linux Enterprise Server**

```
# zypper install mlnx-ofed-all
```

- **Ubuntu and Debian**

```
# apt-get install mlnx-ofed-all
```

Installing "mlnx_en" Repository

1. Install the "mlnx-en-eth-only" metadata package.

- **Red Hat Enterprise Linux**

```
# yum install mlnx-en-eth-only
```

- **SUSE Linux Enterprise Server**

```
# zypper install mlnx-en-eth-only
```

- **Ubuntu and Debian**

```
# apt-get install mlnx-en-eth-only
```

Installing "mlnx_rdma_minimal" Repository

1. Install one of "mlnx-en-vma" or "mlnx-en-dpdk" metadata packages.

- **Red Hat Enterprise Linux**

```
# yum install mlnx-en-vma
```

- **SUSE Linux Enterprise Server**

```
# zypper install mlnx-en-vma
```

- **Ubuntu and Debian**

```
# apt-get install mlnx-en-vma
```

Firmware update

All the installation options above do not automatically update the firmware on your system. To update the firmware to the version included in the configured repository, you can either:

1. Install the "mlnx-fw-updater" package.

- **Red Hat Enterprise Linux**

```
# yum install mlnx-fw-updater
```

- **SUSE Linux Enterprise Server**

```
# zypper install mlnx-fw-updater
```

- **Ubuntu and Debian**

```
# apt-get install mlnx-fw-updater
```

2. Update the firmware to the latest version available on Mellanox Technologies' website. (www.mellanox.com → Support/Education → Firmware Downloads).

Instruction on how to update the firmware are available in the [MLNX ODED User Manual](#) section "Updating Firmware After Installation".

Uninstallation

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

```
"/usr/sbin/ofed_uninstall.sh"
```



NOTE: The script above is part of the MLNX_OFED scripts package.