



Port Type Management

ConnectX®-3 onwards adapter cards' ports can be individually configured to work as InfiniBand or Ethernet ports. By default, ConnectX® family adapter cards VPI ports are initialized as InfiniBand ports. If you wish to change the port type use the mstconfig after the driver is loaded.

1. Install mstflint tools

```
yum install mstflint
```

2. Check the device's PCI address.

```
lspci | grep Mellanox
```

Example:

```
00:06.0 Infiniband controller: Mellanox Technologies MT27520 Family  
[ConnectX-3 Pro]
```

3. Use mstconfig to change the link type as desired—IB (InfiniBand) or ETH (Ethernet).

```
mstconfig -d <device pci> s LINK_TYPE_P1/2=<ETH|IB|VPI>
```

Example:

```
# mstconfig -d 00:06.0 s LINK_TYPE_P1=ETH
```

```
Device #1: -----
```

```
Device type: ConnectX3Pro
```

```
PCI device: 00:06.0
```

```
Configurations: Current New
```

```
LINK_TYPE_P1 IB(1) ETH(2)
```

```
Apply new Configuration? ? (y/n) [n] : y
```

```
Applying... Done!
```

```
-I- Please reboot machine to load new configurations.
```

4. Reboot your machine.

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