



## Procedure for Disabling LLDP on Cisco APIC Virtual Interface Card (VIC)

### Overview

This document details the procedure to disable LLDP on the Cisco Virtual Interface Card (VIC).

### Purpose

A small number of APICs manufactured between June 2 – 9, 2016 were shipped with the LLDP setting on the VIC enabled. The APIC run their own LLDP process which is required to form fabric adjacencies with Leaf switches. With LLDP enabled on the VIC, the adapter consumes the LLDP packets instead of the APIC operating system. In order for correct APIC operation, the VIC needs to have its LLDP configuration disabled.

**Bug Tracking ID:** CSCva28506

### Procedure

1. SSH into to the Integrated Management Controller (IMC) IP with user 'admin'.
2. Type `scope chassis` to change the scope to manage the chassis.
3. Type `show adapter` to verify the PCI slot number where the VIC is installed.
4. Type `scope adapter N`, where *N* is the slot identified in Step 3.
5. Type `show detail` to confirm whether LLDP is enabled.
6. Type `set lldp disabled`.
7. Type `commit` to save the changes.
8. Power cycle the server and confirm the updated setting.

### Example:

```
login as: admin
```

```
admin@192.168.1.1 password:
```

```
C220-FCHxxxxxxxx# scope chassis
```

```
C220-FCHxxxxxxxx /chassis # show adapter
```

```
PCI Slot Product Name      Serial Number  Product ID    Vendor
```

```
-----  
1          UCS VIC 1225    FCHxxxxxxxx   UCSC-PCIE-C... Cisco Systems Inc
```

```
C220-FCHxxxxxxxx /chassis # scope adapter 1
```

```
C220-FCHxxxxxxxx /chassis/adapter # show detail | grep LLDP
```

```
LLDP: Enabled
```

```
C220-FCHxxxxxxxx /chassis/adapter # set lldp disabled
```

```
C220-FCHxxxxxxxx /chassis/adapter *# commit
```

```
New VNIC adapter settings will take effect upon the next server reset
```

```
**Following Hard Power Cycle **
```

```
C220-FCHxxxxxxxx# scope chassis
```

```
C220-FCHxxxxxxxx /chassis # show adapter
```

```
PCI Slot Product Name Serial Number Product ID Vendor
```

```
-----
```

```
1 UCS VIC 1225 FCHxxxxxxxx UCSC-PCIE-C... Cisco Systems Inc
```

```
C220-FCHxxxxxxxx /chassis # scope adapter 1
```

```
C220-FCHxxxxxxxx /chassis/adapter # show detail | grep LLDP
```

```
LLDP: Disabled
```