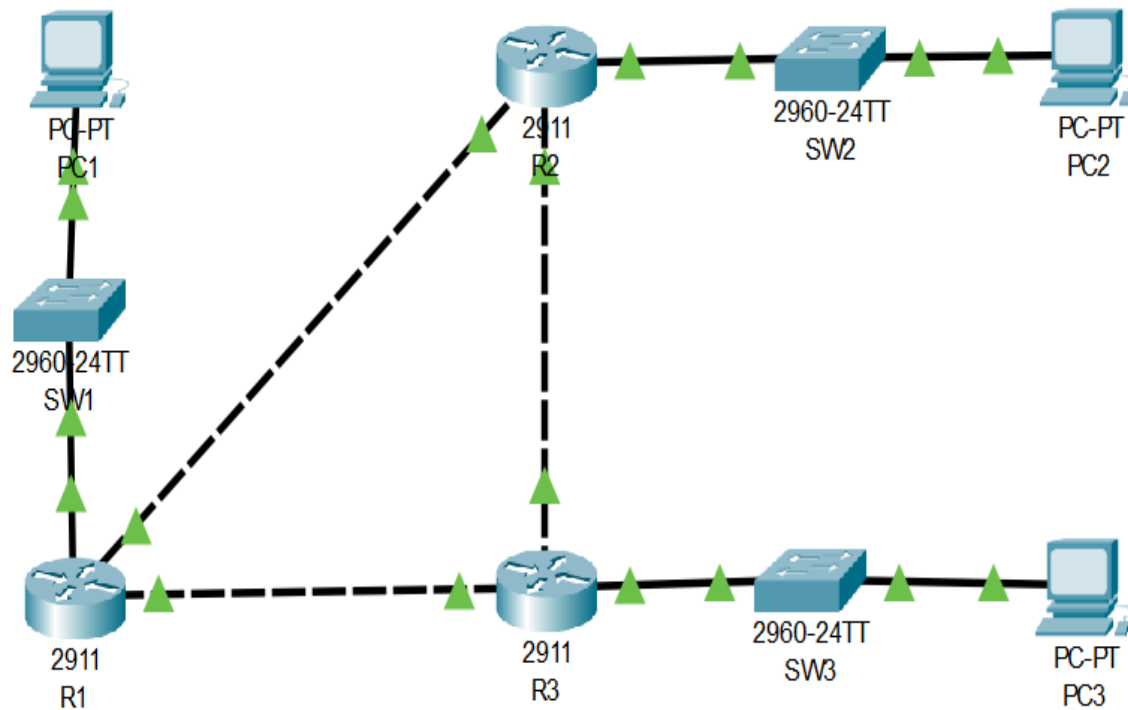


Lab-Report

Topic: CDP - LLDP

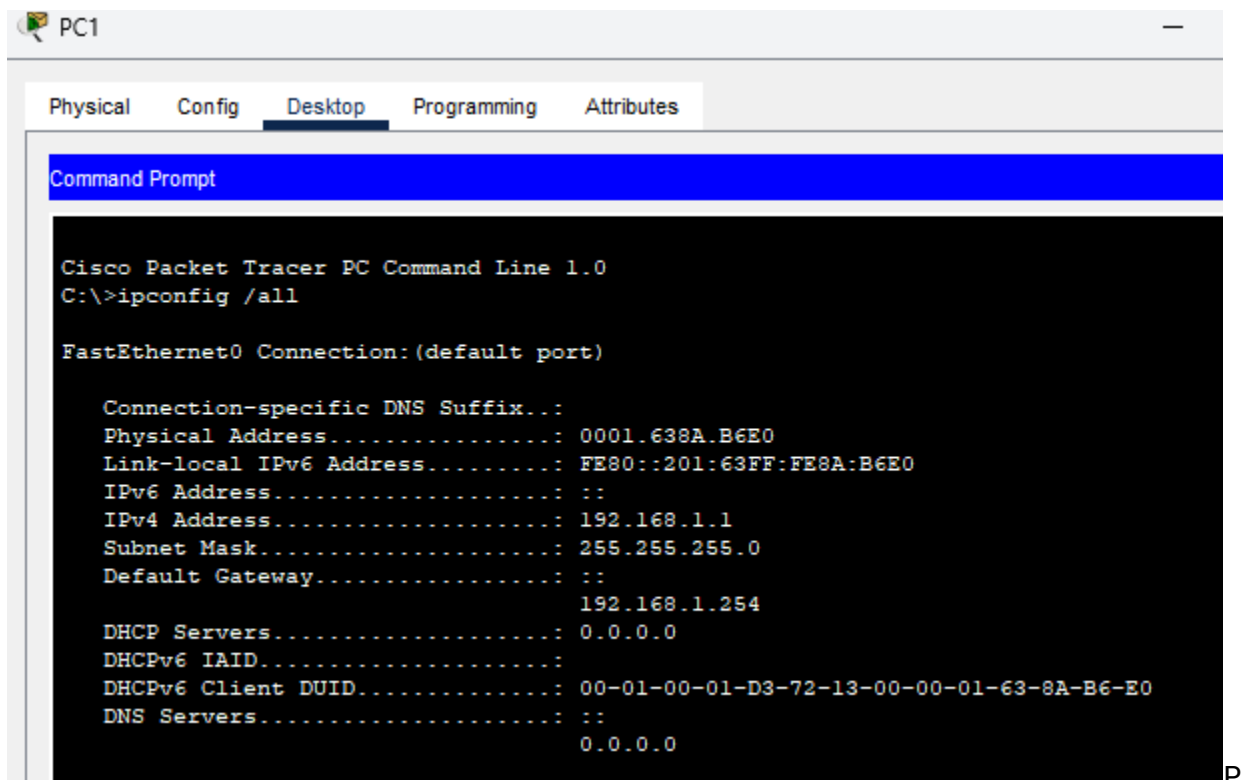
Source: Jeremy's IT Lab - Udemey

Student: Mono



1. Use CDP (and other commands) to identify and label the missing IP addresses and interface IDs of the devices in the network.
 2. Disable CDP on the switch interfaces currently connected to PCs.
 3. Disable CDP globally on each network device.
 4. Enable LLDP globally on each network device, and enable Tx/Rx on the interfaces connected to other network devices.
- *Tx/Rx are currently disabled on all interfaces

1.



```
R1#show cdp nei detail
```

```
R1# show ip int bri
```

Interface	IP-Address	OK?	Method	Status	Protocol
GigabitEthernet0/0	10.0.13.1	YES	manual	up	up
GigabitEthernet0/1	10.0.12.1	YES	manual	up	up
GigabitEthernet0/2	192.168.1.254	YES	manual	up	up
Vlan1	unassigned	YES	unset	administratively down	down

```
SW1#show ip int bri | include up
```

FastEthernet0/10	unassigned	YES	manual	up	up
GigabitEthernet0/1	unassigned	YES	manual	up	up

```
R3>en
```

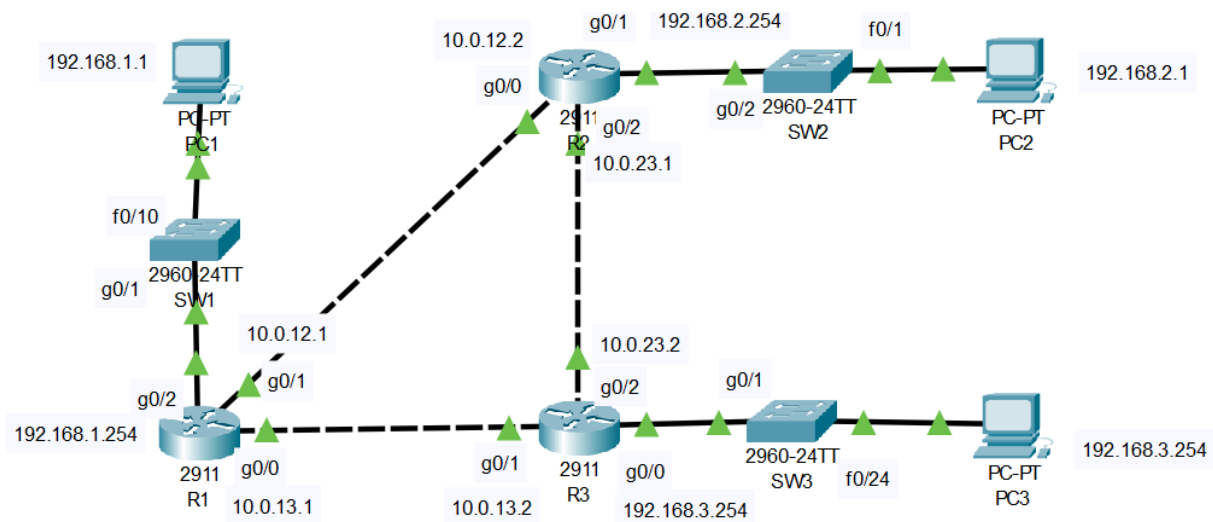
```
R3#show cdp nei detail
```

```
R3#show ip int bri
```

Interface	IP-Address	OK?	Method	Status	Protocol
GigabitEthernet0/0	192.168.3.254	YES	manual	up	up
GigabitEthernet0/1	10.0.13.2	YES	manual	up	up
GigabitEthernet0/2	10.0.23.2	YES	manual	up	up
Vlan1	unassigned	YES	unset	administratively down	down

```
R3#
```

Performing similar commands for R2, R3, SW2, SW3, PC2, and PC3



2.

```
SW1(config)#int f0/10
SW1(config-if)#cdp ?
    enable  Enable CDP on interface
SW1(config-if)#no cdp ?
    enable  Enable CDP on interface
SW1(config-if)#no cdp enable
SW1(config-if)#|
```

```
SW2(config)#int f0/1
SW2(config-if)#no cdp enable
SW2(config-if)#|
```

```
SW3#config t
Enter configuration commands, one per line.  End with CNTL/Z.
SW3(config)#int f0/24
SW3(config-if)#no cdp enable
SW3(config-if)#|
```

3.

```
R1(config)#no cdp run
R1(config)#|
```

```
R3(config)#no cdp run
R3(config)#|
```

```
R2(config)#no cdp run
R2(config)#|
```

4.

```
R1#show lldp
% LLDP is not enabled
R1#config t
Enter configuration commands, one per line.  End with CNTL/Z.
R1(config)#lldp run
R1(config)#int g0/0
R1(config-if)#lldp transmit
```

```
R1(config-if)#lldp receive
R1(config-if)#
```

```
R1(config-if)#lldp receive
R1(config-if)#int g0/1
R1(config-if)#lldp receive
R1(config-if)#lldp transmit
R1(config-if)#
```

```
R2>en
R2#config t
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#int g0/0
R2(config-if)#exit
R2(config)#lldp run
R2(config)#int g0/0
R2(config-if)#lldp transmit
R2(config-if)#lldp receive
R2(config-if)#int g0/2
R2(config-if)#lldp transmit
R2(config-if)#lldp receive
R2(config-if)#
```

```
R3#config t
Enter configuration commands, one per line. End with CNTL/Z.
R3(config)#lldp run
R3(config)#int g0/0
R3(config-if)#lldp transmit
R3(config-if)#lldp receive
R3(config-if)#int g0/1
R3(config-if)#lldp receive
R3(config-if)#lldp transmit
R3(config-if)#int g0/2
R3(config-if)#lldp transmit
R3(config-if)#lldp receive
R3(config-if)#
```