

Packet Tracer -

- 1.
- 2.
- 3.
- 4.

Packet Tracer Cisco

1.

1. Cisco.
a. East. Physical ()

Console, Auxiliary
LAN- WAN- East? ?
WAN – Serial – 2
LAN – GigabitEthernet – 2
CLI, Enter

East> show ip interface brief

vlan1

4

East> show interface gigabitethernet 0/0

1000000 Kbit

East> show interface serial 0/0/0

1544 Kbit

2.

East

?

6

Switch2.

?

6

2.

1.

a.

Modules (

East
)

Physical (

).

1)

PC1, 2 3

East,

East?

The HWIC-4ESW provides four switching ports.



2)

4

?

Switch2.

Gigabit

Switch3?

The single-port Cisco Gigabit Ethernet Network Module (part number PT-SWITCH-NM-1FGE) provides Gigabit Ethernet optical connectivity for access routers. The module is supported by the Cisco 2691, Cisco 3660, Cisco 3725, and Cisco 3745 series routers. This network module has one gigabit interface converter (GBIC) slot to carry any standard copper or optical Cisco GBIC.



2.

a.

East

1

: Cannot add a module when the power is on ().

Cisco,
1

East.

East.



1

Switch2.

show ip interface brief

Switch2,



?

PT-SWITCH-NM-COVER

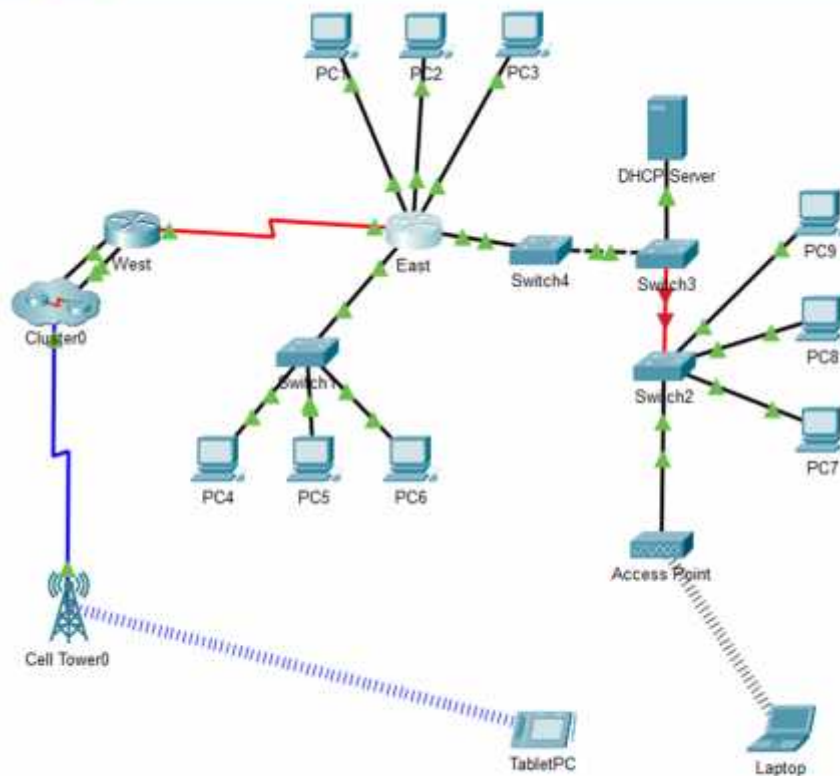
3.

a.

Copper Straight-Through (GigabitEthernet0/0. GigabitEthernet0/1. East). Switch1, East
Switch1 4/55.

East	GigabitEthernet0/0	Copper Straight-Through ()	Switch1	GigabitEthernet0/1
East	GigabitEthernet0/1	Copper Straight-Through ()	Switch4	GigabitEthernet0/1
East	FastEthernet0/1/0	Copper Straight-Through ()	PC1	FastEthernet0
East	FastEthernet0/1/1	Copper Straight-Through ()	PC2	FastEthernet0
East	FastEthernet0/1/2	Copper Straight-Through ()	PC3	FastEthernet0

Switch1	FastEthernet0/1	Copper Straight-Through ()	PC4	FastEthernet0
Switch1	FastEthernet0/2	Copper Straight-Through ()	PC5	FastEthernet0
Switch1	FastEthernet0/3	Copper Straight-Through ()	PC6	FastEthernet0
Switch4	GigabitEthernet0/2	Copper Cross-Over ()	Switch3	GigabitEthernet3/1
Switch3	GigabitEthernet5/1	Fiber ()	Switch2	GigabitEthernet5/1
Switch2	FastEthernet0/1	Copper Straight-Through ()	PC7	FastEthernet0
Switch2	FastEthernet1/1	Copper Straight-Through ()	PC8	FastEthernet0
Switch2	FastEthernet2/1	Copper Straight-Through ()	PC9	FastEthernet0
Switch2	Gigabit3/1	Copper Straight-Through ()	AccessPoint	Port 0
East	Serial0/0/0	Serial DCE (DCE) (East)	West	Serial0/0/0



4.

1.

East.

a.

CLI (

)

:

East> **show ip interface brief**

:

```
Interface IP-Address OK? Method Status Protocol
GigabitEthernet0/0 172.30.1.1 YES manual up up
GigabitEthernet0/1 172.31.1.1 YES manual up up
Serial0/0/0 10.10.10.1 YES manual up up
Serial0/0/1 unassigned YES unset down down
FastEthernet0/1/0 unassigned YES unset up up
FastEthernet0/1/1 unassigned YES unset up up
FastEthernet0/1/2 unassigned YES unset up up
FastEthernet0/1/3 unassigned YES unset up down
Vlan1 172.29.1.1 YES manual up up
```

```
East>enable
East#show ip interface brief
Interface IP-Address OK? Method Status Protocol
GigabitEthernet0/0 172.30.1.1 YES NVRAM up up
GigabitEthernet0/1 172.31.1.1 YES NVRAM up up
Serial0/0/0 10.10.10.1 YES NVRAM up up
Serial0/0/1 unassigned YES NVRAM down down
FastEthernet0/1/0 unassigned YES unset up up
FastEthernet0/1/1 unassigned YES unset up up
FastEthernet0/1/2 unassigned YES unset up up
FastEthernet0/1/3 unassigned YES unset up down
Vlan1 172.29.1.1 YES NVRAM up up
East#
```

2:

a.

Wireless0.

www.cisco.pka URL
Cisco Packet Tracer.



Wireless0. « ».

2 ,

3. TabletPC.

a. Wireless0. « ».

3G/4G Cell1. « ».

wireless0

3G/4G Cell1.

4: