



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 796, y 156

Time: 00:28:15

Realtime Simulation

Network diagram showing a central 2951-24T Switch connected to five PC-PT devices (PC0-PC4), a Server-PT (10.0.0.10), and an ISR4331 Router0.

10.0.0.10

Physical Config Services Desktop Programming Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☐ On ☒ Off

Pool Name: serverPool

Default Gateway: 10.0.0.1

DNS Server: 0.0.0.0

Start IP Address: 10.0.0.11

Subnet Mask: 255.0.0.0

Maximum Number of Users: 512

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	VLAN	TFTP Server	WLC Address
serverPool	10.0.0.1	0.0.0.0	10.0.0.11	255.0.0.0	512	0.0.0.0	0.0.0.0

Top

Scenario 0

New Delete

Toggle PDU List Window

Copper Straight-Through

Type here to search

99+

11:30 29-05-2021

Logical Physical x: 828, y: 508 [Root] 01:59:00

The network diagram shows a central switch (S24T1) connected to several devices: PC-PT PC1, PC-PT PC2, PC-PT PC3, PC-PT PC4, PC-PT PC5, Server-PT Server0, and ISR4331 Router0. The switch is also connected to a central router (ISR4331 Router0).

**Router0 Configuration:**

- Physical:** GigabitEthernet0/0/0
- Config:**
  - GLOBAL:** Settings, Algorithm Settings, ROUTING, Static, RIP, SWITCHING, VLAN Database, INTERFACE.
  - INTERFACE:** GigabitEthernet0/0/0, GigabitEthernet0/0/1, GigabitEthernet0/0/2.
- Attributes:**
  - GigabitEthernet0/0/0:** Port Status: On, Bandwidth: 1000 Mbps, Duplex: Full Duplex, MAC Address: 0000.0C8C.9601, IP Configuration: IPv4 Address: 10.0.0.1, Subnet Mask: 255.0.0.0, Tx Ring Limit: 10.
- Equivalent IOS Commands:**

```
Router(config-if)#no ip address
Router(config-if)#no ip address
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/0
Router(config-if)#
```

Time: 00:03:50 [Realtime] [Simulation]

Scenario 0

Fire List Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

10.0.0.11

Physical Config Desktop Software/Services

### IP Configuration

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address: 10.0.0.11

Subnet Mask: 255.0.0.0

Default Gateway: 10.0.0.1

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address:

Link Local Address: FE80::201:42FF:FE07:3948

IPv6 Gateway:

IPv6 DNS Server: