

# NAC Lab Exercise 10

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## DHCP Server

The image displays two screenshots from Cisco Packet Tracer, illustrating the configuration of a DHCP server on a switch.

**Top Screenshot: IP Configuration**

The **IP Configuration** window is open, showing the configuration for the switch's interfaces. The **Static** radio button is selected for both IPv4 and IPv6 configurations.

**IPv4 Configuration:**

- IPv4 Address: 10.0.0.2
- Subnet Mask: 255.0.0.0
- Default Gateway: 10.0.0.1
- DNS Server: 13.0.0.2

**IPv6 Configuration:**

- IPv6 Address: (empty)
- Link Local Address: FE80::260:SCFF:FEET:A3C8
- Default Gateway: (empty)
- DNS Server: (empty)

**802.1X Security:**

- Use 802.1X Security: ☐
- Authentication: MD5
- Username: (empty)
- Password: (empty)

**Bottom Screenshot: DHCP Service Configuration**

The **SERVICES** window is open, showing the configuration for the DHCP service. The **DHCP** service is selected in the left sidebar.

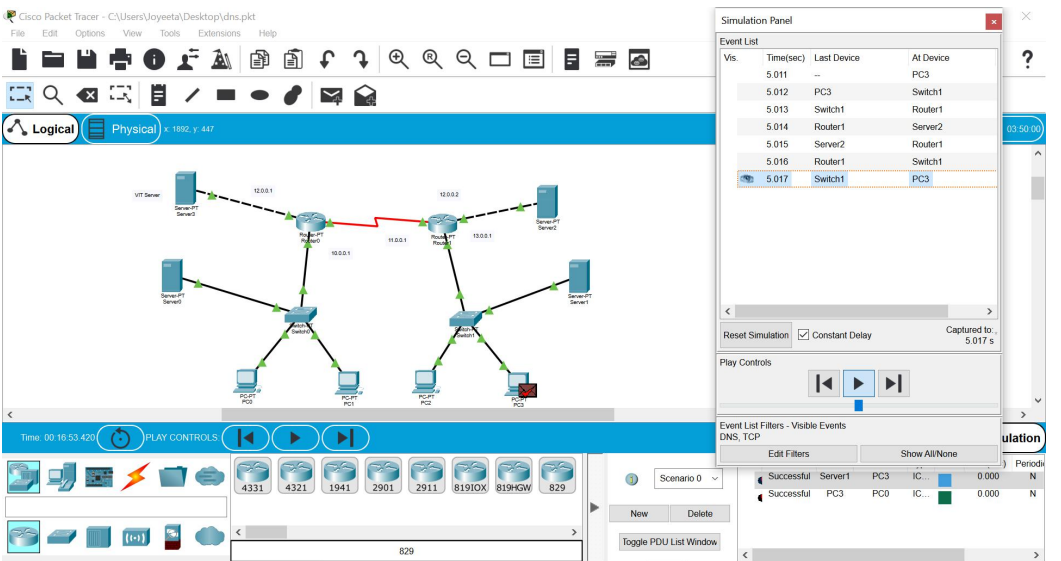
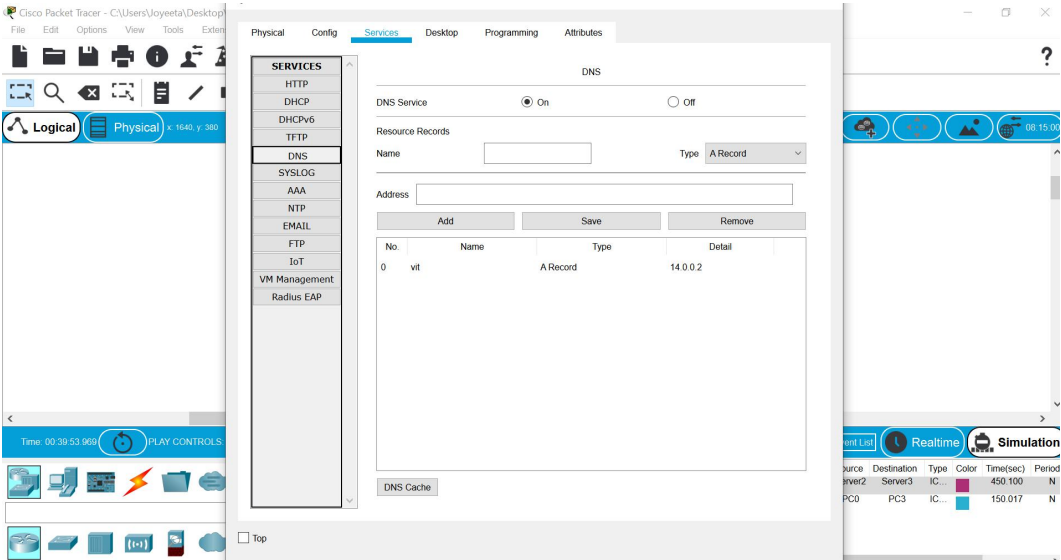
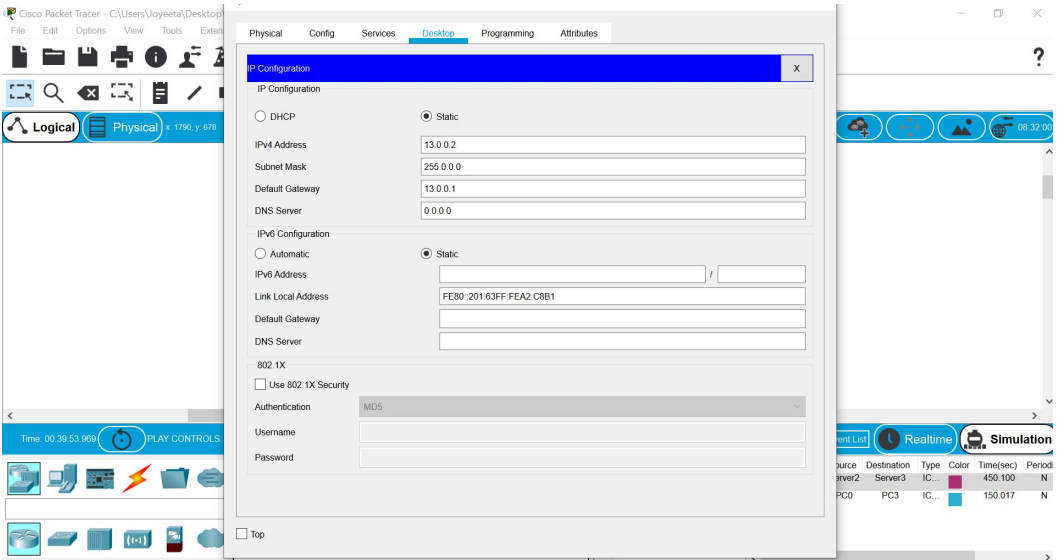
**DHCP Configuration:**

- Interface: FastEthernet0
- Service: ☒ On
- Pool Name: serverPool
- Default Gateway: 10.0.0.1
- DNS Server: 13.0.0.2
- Start IP Address: 10.0.0.0 (Start: 10, End: 20)
- Subnet Mask: 255.0.0.0
- Maximum Number of Users: 512
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

**DHCP Pools Table:**

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	10.0.0.1	13.0.0.2	10.0.0.20	255.0.0.0	512	0.0.0.0	0.0.0.0

DNS Server



## HTTP Server

The screenshot shows the Cisco Packet Tracer interface with the 'IP Configuration' dialog box open. The dialog has tabs for 'Physical', 'Config', 'Services', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is active, showing 'IP Configuration' and 'IPv6 Configuration' sections. The 'IP Configuration' section has 'Static' selected, with fields for IPv4 Address (14.0.0.2), Subnet Mask (255.0.0.0), Default Gateway (14.0.0.1), and DNS Server (13.0.0.2). The 'IPv6 Configuration' section also has 'Static' selected, with fields for IPv6 Address, Link Local Address (FE80::200:CFF:FE38:C12B), Default Gateway, and DNS Server. There is also a section for 802.1X configuration with 'Use 802.1X Security' unchecked, 'Authentication' set to 'MD5', and fields for Username and Password. A 'Top' button is at the bottom left.

The screenshot shows the Cisco Packet Tracer interface with the 'Services' dialog box open. The dialog has tabs for 'Physical', 'Config', 'Services', 'Desktop', 'Programming', and 'Attributes'. The 'Services' tab is active, showing a list of services on the left and the 'HTTP' configuration on the right. The 'HTTP' configuration has 'On' selected for both 'HTTP' and 'HTTPS'. Below this is a 'File Manager' table with 5 rows of files. At the bottom right are 'New File' and 'Import' buttons. A 'Top' button is at the bottom left.

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoplogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)