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PT Activity – Configure DHCP on a Wireless Router

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1. PT Activity – Configure DHCP on a Wireless Router

3 / 3 points

Dynamically assigning IP addresses to wireless and wired clients can simplify the process of allowing people access to your network. In this lab, you will complete the setup for a small wireless, home network that include dynamic host configuration services.

Download and open the .pka file Configure DHCP on a Wireless Router from the link below. You can open the .docx to preview the steps that will be required to complete the activity.

[Complete the activity and answer the questions in this quiz.](#)

[Packet Tracer Instruction Preview Sheet \(.docx\)](#)

4.3.3.3 Packet Tracer - Configure DHCP on a Wireless Router.docx

[Packet Tracer PKA \(.pka\)](#)

4.3.3.3 Packet Tracer - Configure DHCP on a Wireless Router.pka

Learning Objectives

- Connect 3 PCs to a wireless router
- Change the DHCP setting to a specific network range
- Configure the clients to obtain their address via DHCP

Required Resources

- Windows PC with Packet Tracer installed

Refer to the activity. What three parameters are configured on a typical wireless home router with DHCP services enabled to provide host addressing configuration to DHCP clients? (Choose 3.)

- ☐ list of static IP address that are not to be used
- ☐ the address verification method.
- ☐ the protocols allowed on the client
- ☒ Max number of DHCP users

✓ **Correct**

This is a configurable DHCP parameter.

- ☒ Starting IP Address

✓ **Correct**

This is a configurable DHCP parameter.

- ☒ DHCP pool range

✓ **Correct**

This is a configurable DHCP parameter.

2. Refer to the activity. What three key pieces of information must the DHCP server provide to the client to allow for network connectivity? (Choose 3.)

3 / 3 points

☒ IP address



Correct

The client IP address is required.

☐ network broadcast

☒ subnet mask



Correct

The subnet mask is required for determining the network for a device.

☐ DHCP available pool range

☒ default gateway



Correct

The default gateway is required for remote network connectivity.

☐ DNS address