

# Check Test11 Gateways to Other Networks Quiz

Check Test11 Gateways to Other Networks Quiz

\* Indicates required question

Student number & Your name \*

Choose

1. A computer has to send a packet to a destination host in the same LAN. \* 1 point  
How will the packet be sent?

- ☐ The packet will be sent to the default gateway first, and then, depending on the response from the gateway, it may be sent to the destination host.
- ☐ The packet will be sent directly to the destination host.
- ☐ The packet will first be sent to the default gateway, and then from the default gateway it will be sent directly to the destination host.
- ☐ The packet will be sent only to the default gateway.

2. Typically, which network device would be used to perform NAT for a corporate environment? \* 1 point

- ☐ DHCP server
- ☐ host device
- ☐ router
- ☐ server

Pre-fill responses, then click "Get link"

3. Which characteristic describes the default gateway of a host computer? \* 1 point

- ☐ the logical address of the router interface on the same network as the host computer
- ☐ the physical address of the switch interface connected to the host computer
- ☐ the physical address of the router interface on the same network as the host computer
- ☐ the logical address assigned to the switch interface connected to the router

4. What is the purpose of configuring a default gateway address on a host? \* 1 point

- ☐ to provide a permanent address to a computer
- ☐ to identify the network to which a computer is connected
- ☐ to identify the logical address of a networked computer and uniquely identify it to the rest of the network
- ☐ to identify the device that allows local network computers to communicate with devices on other networks

5. If the default gateway is configured incorrectly on a host, what is the impact on communications? \* 1 point

- ☐ The host is unable to communicate on the local network.
- ☐ The host is unable to communicate with hosts on remote networks.
- ☐ The host is unable to communicate with hosts on both the local and remote networks.
- ☐ The host cannot get an IP address from the DHCP server.

Pre-fill responses, then click "Get link"

6. Which three IPv4 network addresses are private IP addresses? (Choose three.) \* 1 point

- ☐ 10.0.0.0
- ☐ 172.32.0.0
- ☐ 192.157.0.0
- ☐ 172.16.0.0
- ☐ 192.168.0.0
- ☐ 224.6.0.0

7. What is the purpose of NAT? \*

1 point

- ☐ allowing hosts configured with registered public IP addresses to access the internet
- ☐ translating private IP addresses to a public registered IP address
- ☐ routing private IP addresses over the public internet
- ☐ assigning a private IP address to a host for internet access

8. What is the primary advantage of using NAT? \*

1 point

- ☐ allows a large group of users to share one or more public IP addresses
- ☐ allows a large group of users to share the same private IP address within a LAN
- ☐ allows static mapping of public inside addresses to private outside addresses
- ☐ allows dynamic mapping of registered inside addresses to private outside addresses

Pre-fill responses, then click "Get link"

9. Which three settings must be configured on a PC in order for it to communicate with devices located across the internet? (Choose three.)

1 point

- ☐ IP address
- ☐ subnet mask
- ☐ default gateway address
- ☐ DHCP server address
- ☐ hostname

10. The default configuration on a home wireless router provides which type of addresses to devices using DHCP?

\* 1 point

- ☐ private IP addresses
- ☐ public registered IPv4 addresses
- ☐ public registered IPv6 addresses
- ☐ vendor-specific MAC addresses

11. Which type of intermediary device acts as a boundary between a home wireless network and the internet?

\* 1 point

- ☐ Layer 2 switch
- ☐ access point
- ☐ DNS server
- ☐ wireless router

Pre-fill responses, then click "Get link"

Your understanding of today's class \*

1 2 3 4 5

I didn't understand the class at all ☐ ☐ ☐ ☐ ☐ I understand the class very well

What you did not understand in today's class? (Option)

Your answer

Get link

Never submit passwords through Google Forms.

This content is neither created nor endorsed by Google. - [Terms of Service](#) - [Privacy Policy](#)

Does this form look suspicious? [Report](#)

Google Forms

Pre-fill responses, then click "Get link"

Pre-fill responses, then click "Get link"