

## ✔ Congratulations! You passed!

Grade received **100%** To pass 100% or higher

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1. What information must a client provide to associate to an open wireless network?

1 / 1 point

- ☐ WEP Pre-shared Key
- ☐ MAC Address
- ☒ SSID
- ☐ Captive Portal Agreement



**Correct**

Correct! To associate to any wireless network, the client must provide the SSID. On an open network, this is the only information required.

2. What wireless network mode is used when two wireless devices communicate without going through a central device?

1 / 1 point

- ☐ Infrastructure Mode
- ☒ Ad Hoc Mode
- ☐ Personal Mode
- ☐ Enterprise Mode



**Correct**

Correct! In Ad Hoc mode, clients communicate directly without going through a central device.

3. Which one of the following is NOT a basic method of securing a wireless network without enabling encryption?

1 / 1 point

- ☐ MAC Filtering
- ☐ Disable broadcast of the SSID
- ☐ Reduce the transmitting power of the WAP
- ☒ Enable WPA2



**Correct**

Correct! Wi-Fi Protected Access 2 (WPA2) is a form of wireless encryption. This is a more advanced method of securing a wireless network because it provides encryption.

4. Your best friend purchases the house next to your home. Since you are a good friend, you invite your friend to use your wireless network. However, your network does not extend far enough beyond your home to provide coverage at your friend's home. You want to find a solution to extend your wireless network. The solution must allow seamless wireless connectivity using only one SSID.

1 / 1 point

What solution should you choose?

- ☐ Implement a second stand-alone WAP.
- ☐ Implement a wireless extender.
- ☒ Implement a wireless mesh network.
- ☐ Implement WPS.



**Correct**

Correct! Only a mesh network allows for multiple WAPs using the same SSID, providing seamless roaming.

