



## Wireless Networks (Wi-fi)

Study online at [https://quizlet.com/\\_97zpf5](https://quizlet.com/_97zpf5)

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| 1. • To enable MAC filtering • To enable encryption • To disable SSID • To disable DHCP | What are the best practices for wireless security? |
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| 2. Dynamic (a dynamic key is changed frequently and hence considered more secure than a static key) | Which encryption key provides the best security for data transmitted through the wireless network? (Dynamic or static key) |
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| 3. War driving | Which technique is used by a hacker to search wireless networks from a moving car or vehicle by using hacking tools and software? (The same technique is used by an IS auditor to test the wireless security.) |
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| 4. WPA - 2 (Wi-Fi Protected Access) | Which is the strongest encryption standard for the wireless connection? |
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| 5. Dynamic Host Control Protocol | Which protocol automatically assigns an IP address to each device connected to the network? |
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| 6. DHCP automatically assigns an IP to each device. If the DHCP is disabled, then the IP address needs to be configured manually, in other words, a static IP, and this helps to reduce the risk of unauthorized access. | Why should DHCP be disabled? |
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7. **A randomly generated PSK is stronger than a MAC-based PSK (MAC address of a computer is fixed and often accessible)**

Which encryption key is considered as the most secure? (MAC-based Pre-shared key or a randomly generated PSK)

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