

Your grade: 100%

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Your latest: **100%** • Your highest: **100%** • To pass you need at least 80%. We keep your highest score.

1. How can we escape or avoid detection by an Intrusion Detection System (IDS) during network mapping / port scanning / host discovery and identification?

2 / 2 points

- ☐ Use encrypted communication only.
- ☐ Increase the scanning speed.
- ☐ Change the target's firewall rules.
- ☒ Use techniques like stealth scanning, fragmented packets, custom headers, or custom timing options.

✔ **Correct**

2. What do the -sn and -Pn options in nmap scanning do?

2 / 2 points

- ☐ -sn scans using a NULL type TCP packet, -Pn performs a packet network scan
- ☐ To list available ports
- ☒ -sn disables port scanning, while -Pn skips host discovery
- ☐ Both are used for version detection

✔ **Correct**

3. What protocol is the standard TCP port 443 typically used for?

2 / 2 points

Hint: this is generally used by internet browsers.

HTTPS

✔ **Correct**

4. What does an "unfiltered" port indicate?

1 / 1 point

- ☒ The port is not dropping packets due to a firewall.
- ☐ The port traffic is not being inspected.
- ☐ The port is behind a firewall.
- ☐ The port is closed.

✔ **Correct**