

1. The following is NOT correct about IP address:

- *a. A physical Identificaiton for a computer or computing devices to communicated with other devices.
- b. A logical Identificaiton for a computer or computing devices to communicated with other devices cross networks or in a private network.
- c. The IP address consists of four decimal numbers, each ranging from 0 to 255.
- d. IP address has two versions, IPV4 and IP V6.

2. Which of the following is correct regarding the commands to check IP address in a machine.

- a. There is only one way to check IP address of a network device or computer.
- *b. One of the command to check to IP in Windows machine is ipconfig.
- c. One of the command to check to IP in Linux machine is ipconfig.
- d. One of the command to check to IP in Windows machine is ifconfig.

3. Which of the following is NOT correct about the ping command.

- a. a computer administration software utility used to test the reachability of a host on an IP network.
- *b. ping message is so simple, so there is no security attack can take advantage of the ping utility.
- c. the command syntax looks like " ping 192.168.1.128".
- d. the command syntax looks like " ping www.google.com".

4. Which of the following is NOT correct about NAT (Netwrok address translation Protocol).

- a. A useful protocol to support private IP and network.
- *b. with NAT, a computer or VM inside a private network cannot connect to computers or VMs outside of the private network.
- c. NAT provide a mechanism to re-map private IP to public IP address.
- d. IN VM networks, NAT represents one special virtual network.

5. If we use the correct ping command to ping from the Kali Linux Attack VM to the running Windows Server VM, but receives no response, which of the following is most likely true.

- a. We cannot ping from one machine to another machine.
- b. the ping command is supposed to receive no response from the target Windows Server machine.
- *c. the windows VM firewall is on.
- d. none of the above is correct