

## Question: 1

What are Network Address Translation (NAT) inside global addresses?

- A. Addresses used by NAT router when sending frames to devices on the local network
- B. Public IP addresses used by the local network to communicate with the Internet
- C. Private IP addresses used by the local network
- D. Public addresses used by other networks outside of the local network

**Answer: B**

## Question: 2

Which topology is considered a best practice when stacking switches?

- A. Ring
- B. Cascade
- C. Serial
- D. Daisy-chain

**Answer: A**

## Question: 3

Which option is used to configure Network Address Translation (NAT) to provide one-to-one mapping between local and global addresses?

- A. Outside source static
- B. Overload
- C. Inside source static
- D. PAT

**Answer: C**

## Question: 4

DRAG DROP

What is the correct sequence of steps that occur in the communications between the client and server to obtain an IP address from a DHCP server?

DHCP client sends a DHCPREQUEST message to accept the IP address

DHCP client sends a DHCPDISCOVER message to request an IP address

A DHCPACK message is sent by the DHCP server to the DHCP client to acknowledge that the client has accepted the offered IP address

DHCP server receives the DHCPDISCOVER message

DHCP server offers an available IP address by sending a DHCP OFFER message to the DHCP client

Step 1

Step 2

Step 3

Step 4

Step 5

**Answer:**

DHCP client sends a DHCPDISCOVER message to request an IP address

DHCP server receives the DHCPDISCOVER message

DHCP server offers an available IP address by sending a DHCP OFFER message to the DHCP client

DHCP client sends a DHCPREQUEST message to accept the IP address

A DHCPACK message is sent by the DHCP server to the DHCP client to acknowledge that the client has accepted the offered IP address

**Question: 5**

Which port and protocol is used by NTP to communicate?

- A. TCP port 123 for both the source and destination
- B. TCP port 123 for the source and TCP port 80 for the destination
- C. UDP port 123 for both the source and destination

D. UDP port 123 for the source and TCP port 80 for the destination

**Answer: C**