```
SiteA#show interface TenGigabitEthernet0/1/0
TenGigabitEthernet0/1/0 is up, line protocol is up
  Hardware is BUILT-IN-EPA-8x10G, address is 780c.f02a.db91 (bia 780a.f02b.db91)
  Description: Connection to SiteB
  Internet address is 10.10.10.1/30
  MTU 8146 bytes, BW 10000000 Kbit/sec, DLY 10 usec,
     reliability 166/255, txload 1/255, rxload 1/255
  Full Duplex, 10000Mbps, link type is force-up, media type is SFP-LR
  5 minute input rate 264797000 bits/sec, 26672 packets/sec
  5 minute output rate 122464000 bits/sec, 15724 packets/sec

SiteB#show interface TenGigabitEthernet0/1/0
TenGigabitEthernet0/1/0 is up, line protocol is up
  Hardware is BUILT-IN-EPA-8x10G, address is 780c.f02c.db26 (bia 780c.f02c.db26)
  Description: Connection to SiteA
  Internet address is 10.10.10.2/30
  MTU 8146 bytes, BW 10000000 Kbit/sec, DLY 10 usec,
     reliability 255/255, txload 1/255, rxload 1/255
  Full Duplex, 10000Mbps, link type is force-up, media type is SFP-LR
  5 minute input rate 122464000 bits/sec, 15724 packets/sec
  5 minute output rate 264797000 bits/sec, 26672 packets/sec
```

A. Interface errors are incrementing
B. An incorrect SFP media type was used at SiteA
C. High usage is causing high latency
D. The sites were connected with the wrong cable type

Correct Answer: A

QUESTION 271
Which statement about Link Aggregation when implemented on a Cisco Wireless LAN Controller is true?

A. To pass client traffic two or more ports must be configured.
B. The EtherChannel must be configured in "mode active"
C. When enabled the WLC bandwidth drops to 500 Mbps
D. One functional physical port is needed to pass client traffic

Correct Answer: D
Explanation:
https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-2/config-guide/b_cg82/b_cg82_chapter_010101011.html

QUESTION 272
Refer to the exhibit. Which action is expected from SW1 when the untagged frame is received on the GigabitEthernet0/1 interface?

```
SW1#show run int gig 0/1
interface GigabitEthernet0/1
 switchport access vlan 11
 switchport trunk allowed vlan 1-10
 switchport trunk encapsulation dot1q
 switchport trunk native vlan 5
 switchport mode trunk
 speed 1000
 duplex full
```

A. The frame is processed in VLAN 5.
B. The frame is processed in VLAN 11
C. The frame is processed in VLAN 1
D. The frame is dropped

Correct Answer: A

QUESTION 273
What is a role of access points in an enterprise network?

A. connect wireless devices to a wired network
B. support secure user logins to devices or the network
C. integrate with SNMP in preventing DDoS attacks
D. serve as a first line of defense in an enterprise network

Correct Answer: A

QUESTION 274
How do AAA operations compare regarding user identification, user services and access control?

A. Authorization provides access control and authentication tracks user services
B. Authentication identifies users and accounting tracks user services
C. Accounting tracks user services, and authentication provides access control
D. Authorization identifies users and authentication provides access control

Correct Answer: B

QUESTION 275
Which command must be entered when a device is configured as an NTP server?

A. ntp authenticate
B. ntp server
C. ntp peer

D.   ntp master

Correct Answer: D
Explanation:
To configure a Cisco device as an Authoritative NTP Server, use the ntp master [stratum] command.To configure a Cisco device as a NTP client, use the command ntp server <IP address>. For example: Router(config)#ntp server 192.168.1.1. This command will instruct the router to query 192.168.1.1 for the time.

QUESTION 276
DRAG DROP
Drag the descriptions of device management from the left onto the types of device management on the right.

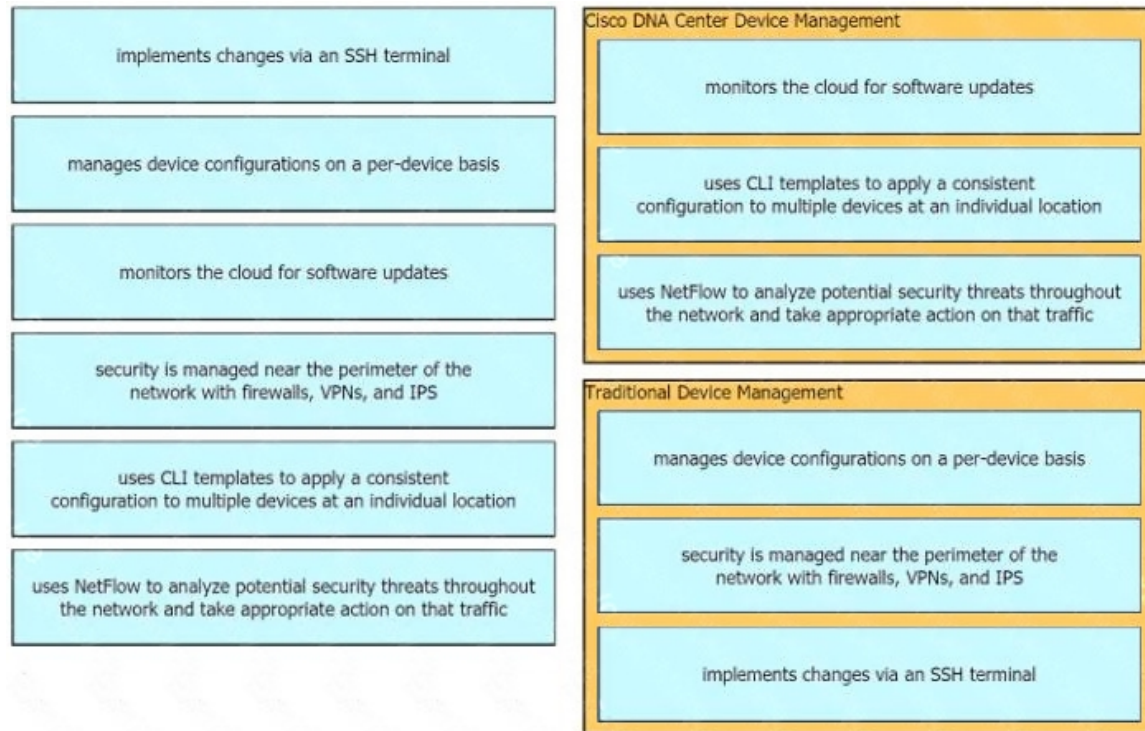| implements changes via an SSH terminal	Cisco DNA Center Device Management
manages device configurations on a per-device basis	
monitors the cloud for software updates	
security is managed near the perimeter of the network with firewalls, VPNs, and IPS	Traditional Device Management
uses CLI templates to apply a consistent configuration to multiple devices at an individual location	
uses NetFlow to analyze potential security threats throughout the network and take appropriate action on that traffic	

Correct Answer:

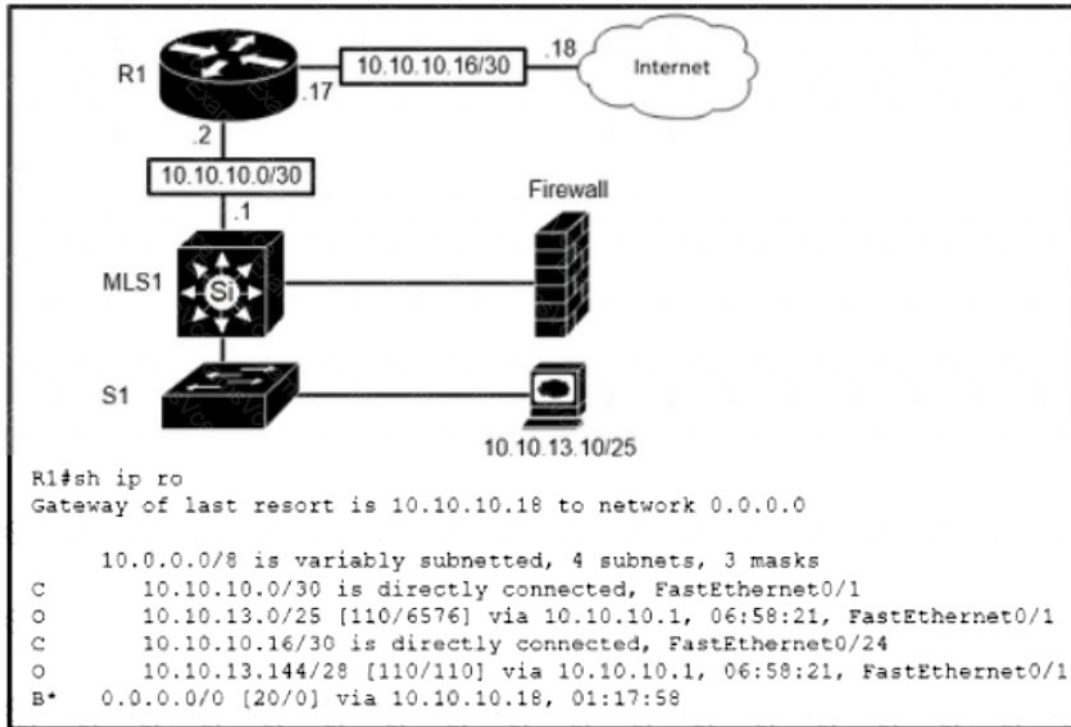| implements changes via an SSH terminal	Cisco DNA Center Device Management
	monitors the cloud for software updates
manages device configurations on a per-device basis	
	uses CLI templates to apply a consistent configuration to multiple devices at an individual location
monitors the cloud for software updates	
	uses NetFlow to analyze potential security threats throughout the network and take appropriate action on that traffic
security is managed near the perimeter of the network with firewalls, VPNs, and IPS	Traditional Device Management
	manages device configurations on a per-device basis
uses CLI templates to apply a consistent configuration to multiple devices at an individual location	
	security is managed near the perimeter of the network with firewalls, VPNs, and IPS
uses NetFlow to analyze potential security threats throughout the network and take appropriate action on that traffic	
	implements changes via an SSH terminal

QUESTION 277
Refer to the exhibit. Which route type is configured to reach the internet?

```
R1#sh ip ro
Gateway of last resort is 10.10.10.18 to network 0.0.0.0

     10.0.0.0/8 is variably subnetted, 4 subnets, 3 masks
C       10.10.10.0/30 is directly connected, FastEthernet0/1
O       10.10.13.0/25 [110/6576] via 10.10.10.1, 06:58:21, FastEthernet0/1
C       10.10.10.16/30 is directly connected, FastEthernet0/24
O       10.10.13.144/28 [110/110] via 10.10.10.1, 06:58:21, FastEthernet0/1
B*   0.0.0.0/0 [20/0] via 10.10.10.18, 01:17:58
```
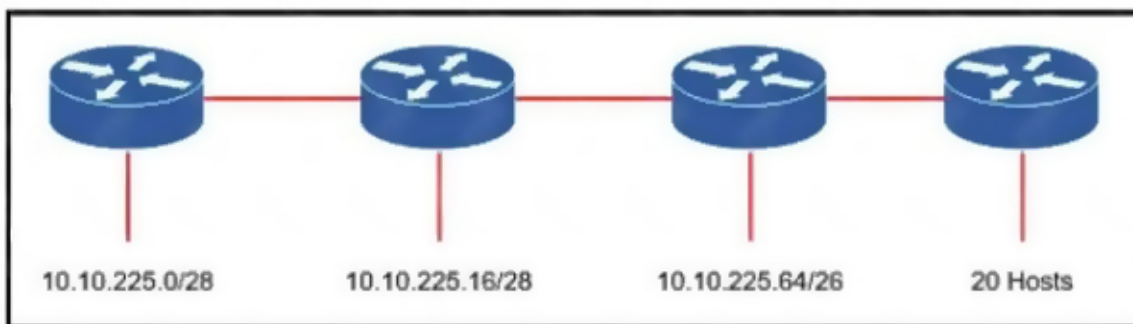
A. host route
B. default route
C. floating static route
D. network route

Correct Answer: B

QUESTION 278
Refer to the exhibit. An engineer must add a subnet for a new office that will add 20 users to the network. Which IPv4 network and subnet mask combination does the engineer assign to minimize wasting addresses?

A. 10.10.225.48 255.255.255.240
B. 10.10.225.32 255.255.255.240
C. 10.10.225.48 255.255.255.224
D. 10.10.225.32 255.255.255.224

Correct Answer: D