350-401 Dumps

Implementing and Operating Cisco Enterprise Network Core Technologies

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NEW QUESTION 1
Which two pieces of information are necessary to compute SNR? (Choose two.)

A. EIRP
B. noise floor
C. antenna gain
D. RSSI
E. transmit power

Answer: BD

NEW QUESTION 2
An engineer is configuring local web authentication on a WLAN. The engineer chooses the Authentication radio button under the Layer 3 Security options for Web Policy. Which device presents the web authentication for the WLAN?

A. ISE server
B. local WLC
C. RADIUS server
D. anchor WLC

Answer: B

NEW QUESTION 3
Refer to the exhibit.


```
Extended IP access list EGRESS
10 permit ip 10.0.0.0 0.0.0.255 any
!
<Output Omitted>
!
interface GigabitEthernet0/0
 ip address 209.165.200.225 255.255.255.0
 ip access-group EGRESS out
 duplex auto
 speed auto
 media-type rj45
!
```

An engineer must block all traffic from a router to its directly connected subnet 209.165.200.0/24. The engineer applies access control list EGRESS in the outbound direction on the GigabitEthernet0/0 interface of the router However, the router can still ping hosts on the 209.165.200.0/24 subnet. Which

A. Mastered
B. Not Mastered

Answer: A

Explanation:
 of this behavior is true?
A. Access control lists that are applied outbound to a router interface do not affect traffic that is sourced from the router.
B. Only standard access control lists can block traffic from a source IP address.
C. After an access control list is applied to an interface, that interface must be shut and no shut for the access control list to take effect.
D. The access control list must contain an explicit deny to block traffic from the router.
Answer: A

NEW QUESTION 4
When using TLS for syslog, which configuration allows for secure and reliable transportation of messages to its default port?

A. logging host 10.2.3.4 vrf mgmt transport tcp port 6514
B. logging host 10.2.3.4 vrf mgmt transport udp port 6514
C. logging host 10.2.3.4 vrf mgmt transport tcp port 514
D. logging host 10.2.3.4 vrf mgmt transport udp port 514

Answer: A

NEW QUESTION 5
A client device fails to see the enterprise SSID, but other devices are connected to it. What is the cause of this issue?

A. The hidden SSID was not manually configured on the client.
B. The broadcast SSID was not manually configured on the client.
C. The client has incorrect credentials stored for the configured hidden SSID.
D. The client has incorrect credentials stored for the configured broadcast SSID.

Answer: A

NEW QUESTION 6
Which two steps are required for a complete Cisco DNA Center upgrade? (Choose two.)

A. golden image selection

B. automation backup
C. proxy configuration
D. application updates
E. system update

Answer: DE

NEW QUESTION 7
Drag and drop the description from the left onto the correct QoS components on the right.

causes TCP retransmissions when traffic is dropped	**Traffic Policing**
buffers excessive traffic	
introduces no delay and jitter	
introduces delay and jitter	**Traffic Shaping**
drops excessive traffic	
typically delays, rather than drops traffic	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Traffic Policing: Drops excessive Traffic, causes TCP retransmissions, introduce no delay/jitter Shaping: buffers, excessive traffic, introduce delay and jitter, typically delays, rather than drops traffic

NEW QUESTION 8
When configuration WPA2 Enterprise on a WLAN, which additional security component configuration is required?

A. NTP server
B. PKI server
C. RADIUS server
D. TACACS server

Answer: C

NEW QUESTION 9
Which HHTP status code is the correct response for a request with an incorrect password applied to a REST API session?

A. HTTP Status Code 200
B. HTTP Status Code 302
C. HTTP Status Code 401
D. HTTP Status Code: 504

Answer: C

NEW QUESTION 10
Which statement about Cisco Express Forwarding is true?

A. It uses a fast cache that is maintained in a router data plane.
B. maintains two tables in the data plane the FIB and adjacency table.
C. It makes forwarding decisions by a process that is scheduled through the IOS scheduler.
D. The CPU of a router becomes directly involved with packet-switching decisions.

Answer: B

NEW QUESTION 10
The login method is configured on the VTY lines of a router with these parameters.
⟩ The first method for authentication is TACACS
⟩ If TACACS is unavailable, login is allowed without any provided credentials
Which configuration accomplishes this task?

```
○ R1#sh run | include aaa
  aaa new-model
  aaa authentication login VTY group tacacs+ none
  aaa session-id common

  R1#sh run | section vty
  line vty 0 4
    password 7 02050D480809

  R1#sh run | include username
  R1#
```

```
▣ R1#sh run | include aaa
  aaa new-model
  aaa authentication login default group tacacs+
  aaa session-id common

  R1#sh run | section vty
  line vty 0 4
    transport input none
  R1#
```

```
○ R1#sh run | include aaa
  aaa new-model
  aaa authentication login default group tacacs+ none
  aaa session-id common

  R1#sh run | section vty
  line vty 0 4
    password 7 02050D480809
```

```
○ R1#sh run | include aaa
  aaa new-model
  aaa authentication login telnet group tacacs+ none
  aaa session-id common

  R1#sh run | section vty
  line vty 0 4

  R1#sh run | include username
  R1#
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 15
Which statement explains why Type 1 hypervisor is considered more efficient than Type 2 hypervisor?

A. Type 1 hypervisor runs directly on the physical hardware of the host machine without relying on the underlying OS.
B. Type 1 hypervisor enables other operating systems to run on it.
C. Type 1 hypervisor relics on the existing OS of the host machine to access CPU, memory, storage, andnetwork resources.
D. Type 1 hypervisor is the only type of hypervisor that supports hardware acceleration techniques.

Answer: A

NEW QUESTION 17
Which statement about a fabric access point is true?

A. It is in local mode an must be connected directly to the fabric border node.
B. It is in FlexConnect mode and must be connected directly to the fabric border node.
C. It is in local mode an must connected directly to the fabric edge switch.
D. It is in FlexConnect mode and must be connected directly to the fabric edge switch.

Answer: C

NEW QUESTION 22
IS OSPF, which LAS type is responsible for pointing to the ASBR router?

A. type 1
B. type 2
C. type 3
D. type 4

Answer: D

NEW QUESTION 23
Which OSPF networks types are compatible and allow communication through the two peering devices?

A. broadcast to nonbroadcast
B. point-to-multipoint to nonbroadcast
C. broadcast to point-to-point
D. point-to-multipoint to broadcast

Answer: B

NEW QUESTION 28
Which method does the enable secret password option use to encrypt device passwords?

A. AES
B. CHAP
C. PAP
D. MD5

Answer: D

NEW QUESTION 29

Refer to exhibit.

VLANs 50 and 60 exist on the trunk links between all switches All access ports on SW3 are configured for VLAN 50 and SW1 is the VTP server Which command ensures that SW3 receives frames only from VLAN 50?

A. SW1 (config)#vtp pruning
B. SW3(config)#vtp mode transparent
C. SW2(config)=vtp pruning
D. SW1 (config >»vtp mode transparent

Answer: A

NEW QUESTION 31

A response code of 404 is received while using the REST API on Cisco UNA Center to POST to this URI.
/dna/intent/api/v1 /template-programmer/project
What does the code mean?

A. The client made a request a resource that does not exist.
B. The server has not implemented the functionality that is needed to fulfill the request.
C. The request accepted for processing, but the processing was not completed.
D. The POST/PUT request was fulfilled and a new resource was created, Information about the resource is in the response body.
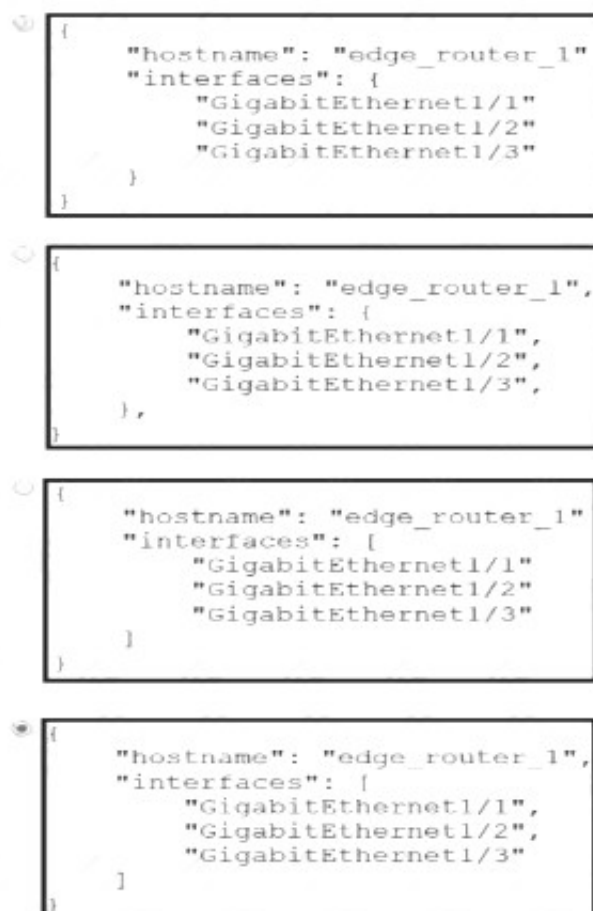
Answer: A

NEW QUESTION 35

What is a benefit of deploying an on-premises infrastructure versus a cloud infrastructure deployment?

A. faster deployment times because additional infrastructure does not need to be purchased
B. lower latency between systems that are physically located near each other
C. less power and cooling resources needed to run infrastructure on-premises
D. ability to quickly increase compute power without the need to install additional hardware

Answer: B

NEW QUESTION 38

Which exhibit displays a valid JSON file?

A. Option A

B. Option B
C. Option C
D. Option D

Answer: D

NEW QUESTION 41
What is a benefit of data modeling languages like YANG?

A. They enable programmers to change or write their own application within the device operating system.
B. They create more secure and efficient SNMP OIDs.
C. They make the CLI simpler and more efficient.
D. They provide a standardized data structure, which results in configuration scalability and consistency.
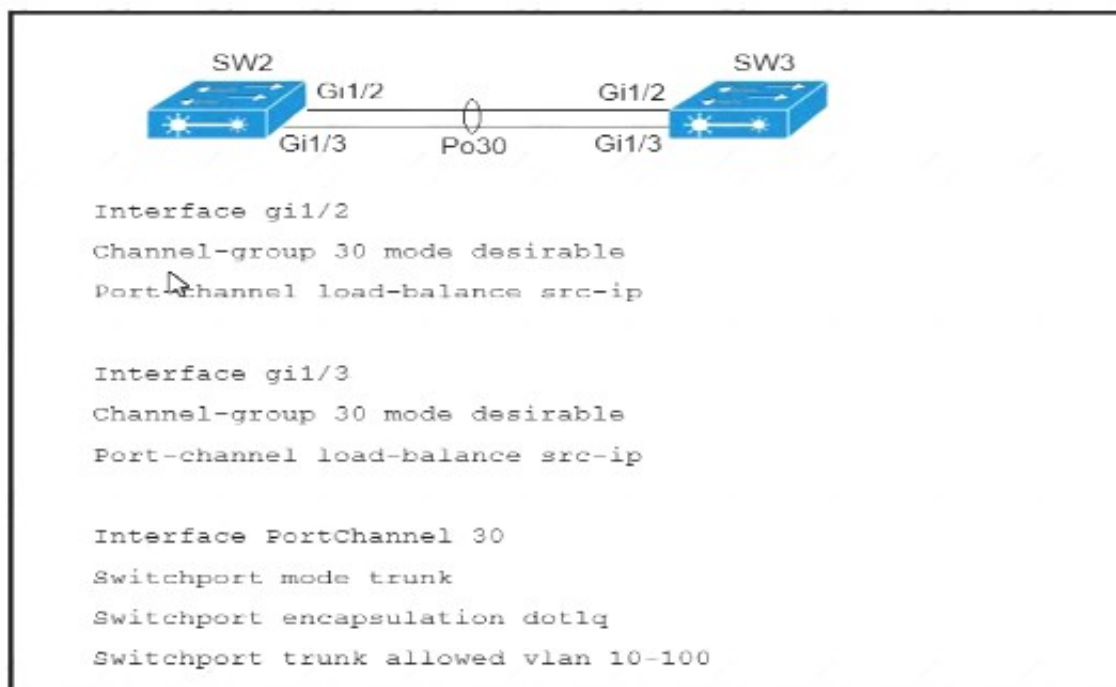
Answer: D

NEW QUESTION 46
Which statement describes the IP and MAC allocation requirements for virtual machines on types 1 hypervisors?

A. Each virtual machine requires a unique IP and MAC addresses to be able to reach to other nodes.
B. Each virtual machine requires a unique IP address but shares the MAC address with the physical server
C. Each virtual machines requires a unique IP address but shares the MAC address with the address of the physical server.
D. Each virtual machine requires a unique MAC address but shares the IP address with the physical server.

Answer: A

NEW QUESTION 48
Refer to the exhibit.

A port channel is configured between SW2 and SW3. SW2 is not running a Cisco operating system. When all physical connections are mode, the port channel does not establish. Based on the configuration excerpt of SW3, what is the cause of the problem?

A. The port channel on SW2 is using an incompatible protocol.
B. The port-channel trunk is not allowing the native VLAN.
C. The port-channel should be set to auto.
D. The port-channel interface lead balance should be set to src-mac

Answer: A

NEW QUESTION 52
Which standard access control entry permits from odd-numbered hosts in the 10.0.0.0/24 subnet?

A. Permit 10.0.0.0.0.0.1
B. Permit 10.0.0.1.0.0.0.0
C. Permit 10.0.0.1.0.0.0.254
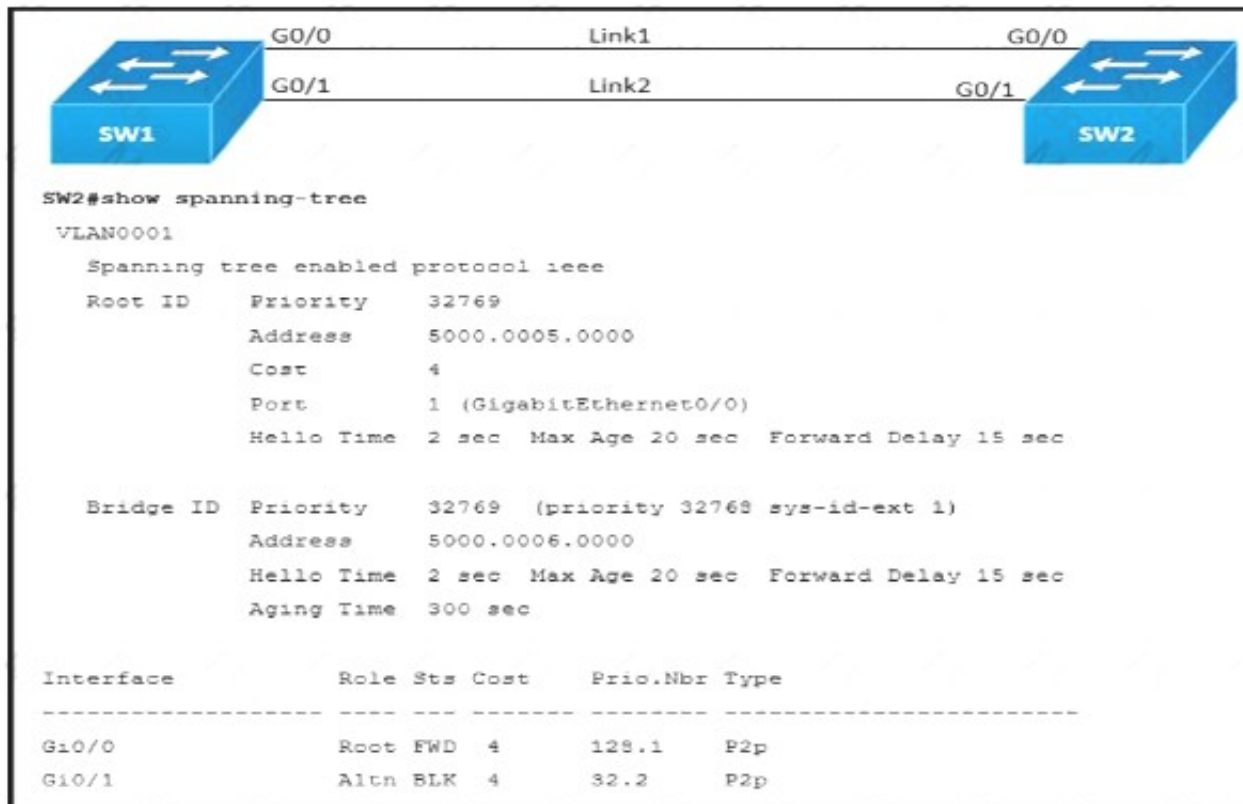D. Permit 10.0.0.0.255.255.255.254

Answer: C

NEW QUESTION 54
Which statement about an RSPAN session configuration is true?

A. A fitter mutt be configured for RSPAN Regions
B. Only one session can be configured at a time
C. A special VLAN type must be used as the RSPAN destination.
D. Only incoming traffic can be monitored

Answer: C

NEW QUESTION 58
Refer to the exhibit.


```
SW2#show spanning-tree
  VLAN0001
   Spanning tree enabled protocol ieee
   Root ID    Priority    32769
              Address     5000.0005.0000
              Cost        4
              Port        1 (GigabitEthernet0/0)
              Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

   Bridge ID  Priority    32769  (priority 32768 sys-id-ext 1)
              Address     5000.0006.0000
              Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
              Aging Time  300 sec


Interface           Role Sts Cost     Prio.Nbr Type
------------------- ---- --- -------- -------- --------------------
Gi0/0               Root FWD  4       128.1    P2p
Gi0/1               Altn BLK  4       32.2     P2p
```

Link1 is a copper connection and Link2 is a fiber connection. The fiber port must be the primary port for all forwarding. The output of the show spanning-tree command on SW2 shows that the fiber port is blocked by spanning tree. An engineer enters the spanning- tree port-priority 32 command on GO/1 on SW2, but the port remains blocked. Which command should be entered on the ports that are connected to Link2 to resolve the issue?

A. Enter spanning-tree port-priority 32 on SW1.
B. Enter spanning-tree port-priority 224 on SW1.
C. Enter spanning-tree port-priority 4 on SW2.
D. Enter spanning-tree port-priority 64 on SW2.

Answer: A

NEW QUESTION 60
At which Layer does Cisco DNA Center support REST controls?

A. EEM applets or scripts
B. Session layer
C. YMAL output from responses to API calls
D. Northbound APIs

Answer: D

NEW QUESTION 65
Which First Hop Redundancy Protocol maximizes uplink utilization and minimizes the amount of configuration that is necessary?

A. GLBP
B. HSRP v2
C. VRRP
D. HSRP v1

Answer: A

NEW QUESTION 67
Refer to the exhibit.

The WLC administrator sees that the controller to which a roaming client associates has Mobility Role Anchor configured under Clients > Detail. Which type of roaming is supported?

A. Indirect
B. Layer 3 intercontroller
C. Layer 2 intercontroller
D. Intracontroller

Answer: B

NEW QUESTION 70

A customer has several small branches and wants to deploy a WI-FI solution with local management using CAPWAP. Which deployment model meets this requirement?

A. Autonomous
B. Mobility Express
C. SD-Access wireless
D. Local mode

Answer: B

NEW QUESTION 75

Which feature must be configured to allow packet capture over Layer 3 infrastructure'?

A. VSPAN
B. IPSPAN
C. RSPAN
D. ERSPAN

Answer: D

NEW QUESTION 80

What is the difference between the enable password and the enable secret password when service password encryption is enable on an IOS device?

A. The enable password is encrypted with a stronger encryption method.
B. There is no difference and both passwords are encrypted identically.
C. The enable password cannot be decrypted.
D. The enable secret password is protected via stronger cryptography mechanisms.

Answer: D

NEW QUESTION 84

Which JSON syntax is valid?

○ {'switch': 'name': 'dist1', 'interfaces': ['gig1', 'gig2', 'gig3']}

○ {'switch': {'name': 'dist1', 'interfaces': ['gig1', 'gig2', 'gig3']}}

◉ {'switch': {'name': 'dist1', 'interfaces': ['gig1', 'gig2', 'gig3']}}

○ {/'switch/': {/'name/': 'dist1', /interfaces/: ['gig1', 'gig2', 'gig3']}}

A. Option A
B. Option B
C. Option C
D. Option D

Answer: B

NEW QUESTION 87

Refer to the exhibit.

```
Extended IP access list EGRESS
10 permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
20 deny ip any any
```

An engineer must modify the access control list EGRESS to allow all IP traffic from subnet 10.1.10.0/24 to 10.1.2.0/24. The access control list is applied in the outbound direction on router interface GigabitEthemet 0/1. Which configuration commands can the engineer use to allow this traffic without disrupting existing traffic flows?
A)

```
config t
    ip access-list extended EGRESS
    permit ip 10.1.10.0 255.255.255.0 10.1.2.0 255.255.255.0
```

B)
```
config t
    ip access-list extended EGRESS
    5 permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

C)
```
config t
    ip access-list extended EGRESS2
    permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
    permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
    deny ip any any
    !
    interface g0/1
    no ip access-group EGRESS out
    ip access-group EGRESS2 out
```

D)
```
config t
    ip access-list extended EGRESS
    permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: B

NEW QUESTION 89
Which method displays text directly into the active console with a synchronous EEM applet policy?

A. event manager applet boom event syslog pattern 'UP'action 1.0 gets 'logging directly to console'
B. event manager applet boom event syslog pattern 'UP'action 1.0 syslog priority direct msg 'log directly to console'
C. event manager applet boom event syslog pattern 'UP'action 1.0 puts 'logging directly to console'
D. event manager applet boom event syslog pattern 'UP'action 1.0 string 'logging directly to console'

Answer: B

NEW QUESTION 94
Drag and drop the characteristics from the left onto the correct routing protocol types on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
OSPF: SEGMENT, LINK STATE, TABLES
EIGRP: UNEQUAL PATH, DISTANCE VECTOR, METRIC

NEW QUESTION 99
Which two descriptions of FlexConnect mode for Cisco APs are true? (Choose two.)

A. APs that operate in FlexConnect mode cannot detect rogue Aps.
B. FlexConnect mode is used when the APs are set up in a mesh environment and used to bridge between each other.
C. FlexConnect mode is a feature that is designed to allow specified CAPWAP-enabled APs to exclude themselves from managing data traffic between clients and infrastructure.
D. When connected to the controller, FlexConnect APs can tunnel traffic back to the controller.
E. FlexConnect mode is a wireless solution for branch office and remote office deployments.

Answer: CD

NEW QUESTION 104
Refer to the exhibit.

```
access-list 1 permit 10.1.1.0 0.0.0.31
ip nat pool CISCO 209.165.201.1 209.165.201.30 netmask 255.255.255.224
ip nat inside source list 1 pool CISCO
```

What are two effect of this configuration? (Choose two.)

A. Inside source addresses are translated to the 209.165.201.0/27 subnet.
B. It establishes a one-to-one NAT translation.
C. The 10.1.1.0/27 subnet is assigned as the inside global address range.
D. The 209.165.201.0/27 subnet is assigned as the outside local address range.
E. The 10.1.1.0/27 subnet is assigned as the inside local addresses.

Answer: AE

NEW QUESTION 107
Which requirement for an Ansible-managed node is true?

A. It must be a Linux server or a Cisco device.
B. It must have an SSH server running.
C. It must support ad hoc commands.
D. It must have an Ansible Tower installed.

Answer: A

NEW QUESTION 109
When reason could cause an OSPF neighborship to be in the EXSTART/EXCHANGE state?

A. Mismatched OSPF network type
B. Mismatched areas
C. Mismatched MTU size
D. Mismatched OSPF link costs

Answer: C

NEW QUESTION 112
Refer to the exhibit.

Which HTTP JSON response does the python code output give?

A. NameError: name 'json' is not defined
B. KeyError 'kickstart_ver_str'
C. 7.61

D. 7.0(3)I7(4)

Answer: B

NEW QUESTION 115
Refer to the exhibit.

```
R1#show ip bgp
BGP table version is 32, local router ID is 192.168.101.5
Status codes: S suppressed, d damped, h history, * valid, > best, i - internal,
              r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
              x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found

     Network          Next Hop         Metric  LocPrf  Weight  Path
*    192.168.102.0    192.168.101.18     80                 0  64517 i
*                     192.168.101.14     80      80         0  64516 i
*                     192.168.101.10                        0  64515 64515 i
*>                    192.168.101.2                     32768  64513 i
*                     192.168.101.6              80         0  64514 64514 i
```

Which IP address becomes the active next hop for 192.168.102 0/24 when 192.168.101.2 fails?

A. A.-192.168.101.18B.192.168.101.6C.192.168.101.10D.192.168.101.14

Answer: A

NEW QUESTION 117
A client with IP address 209 16b 201 2b must access a web server on port 80 at 209 I6b.200.22b. To allow this traffic. an engineer must add a statement to an access control list that is applied in the inbound direction on the port connecting to the web server Which statement allows this traffic?

A. permit tcp host 209 165 200 225 eq 80 host 209.165.201.25
B. permit tcp host 209 165.201 25 host 209.165.200.225 eq 80
C. permit tcp host 209.165.200 225 lt 80 host 209.165.201.25
D. permit tcp host 209.165.200.225 host 209.165.201.25 eq 80

Answer: B

NEW QUESTION 120
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