300-410 Dumps

Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

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NEW QUESTION 1
Refer to the exhibit.

```
config t
flow record v4_r1
match ipv4 tos
match ipv4 protocol
match ipv4 source address
match ipv4 destination address
match transport source-port
match transport destination-port
collect counter bytes long
collect counter packets long
!
flow exporter EXPORTER-1
  destination 172.16.10.2
  transport udp 90
  exit
!
flow monitor FLOW-MONITOR-1
  record v4_r1
  exit
!
ip cef
!
interface Ethernet0/0.1
  ip address 172.16.6.2 255.255.255.0
  ip flow monitor FLOW-MONITOR-1 input
!
```
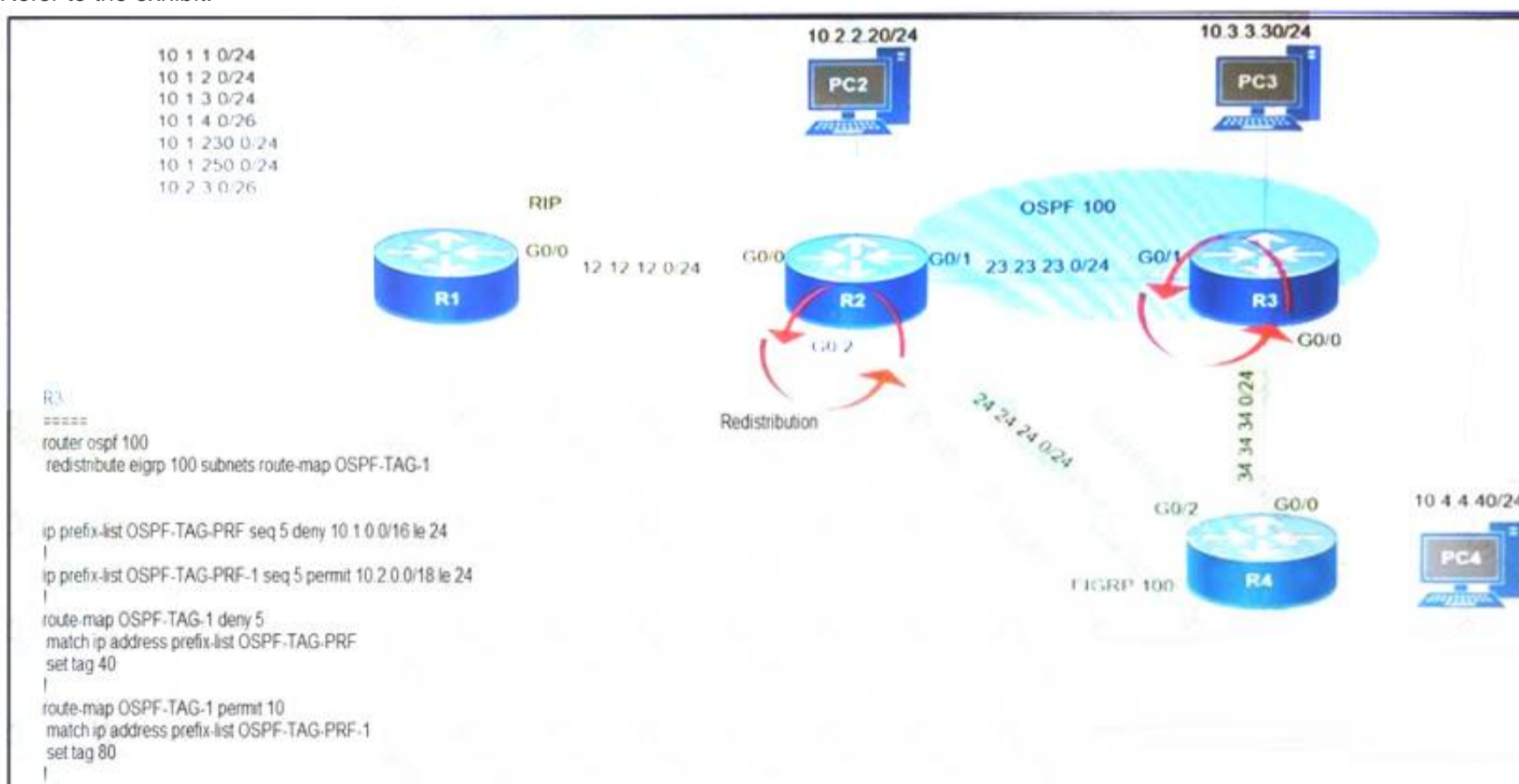
Why is the remote NetFlow server failing to receive the NetFlow data?

A. The flow exporter is configured but is not used.
B. The flow monitor is applied in the wrong direction.
C. The flow monitor is applied to the wrong interface.
D. The destination of the flow exporter is not reachable.

Answer: D

NEW QUESTION 2
Refer to the exhibit.


```
10 1 1 0/24
10 1 2 0/24
10 1 3 0/24
10 1 4 0/26
10 1 230 0/24
10 1 250 0/24
10 2 3 0/26
```

```
R3
=====
router ospf 100
redistribute eigrp 100 subnets route-map OSPF-TAG-1

ip prefix-list OSPF-TAG-PRF seq 5 deny 10 1 0 0/16 le 24
!
ip prefix-list OSPF-TAG-PRF-1 seq 5 permit 10.2 0 0/18 le 24
!
route-map OSPF-TAG-1 deny 5
  match ip address prefix-list OSPF-TAG-PRF
  set tag 40
!
route-map OSPF-TAG-1 permit 10
  match ip address prefix-list OSPF-TAG-PRF-1
  set tag 80
!
```

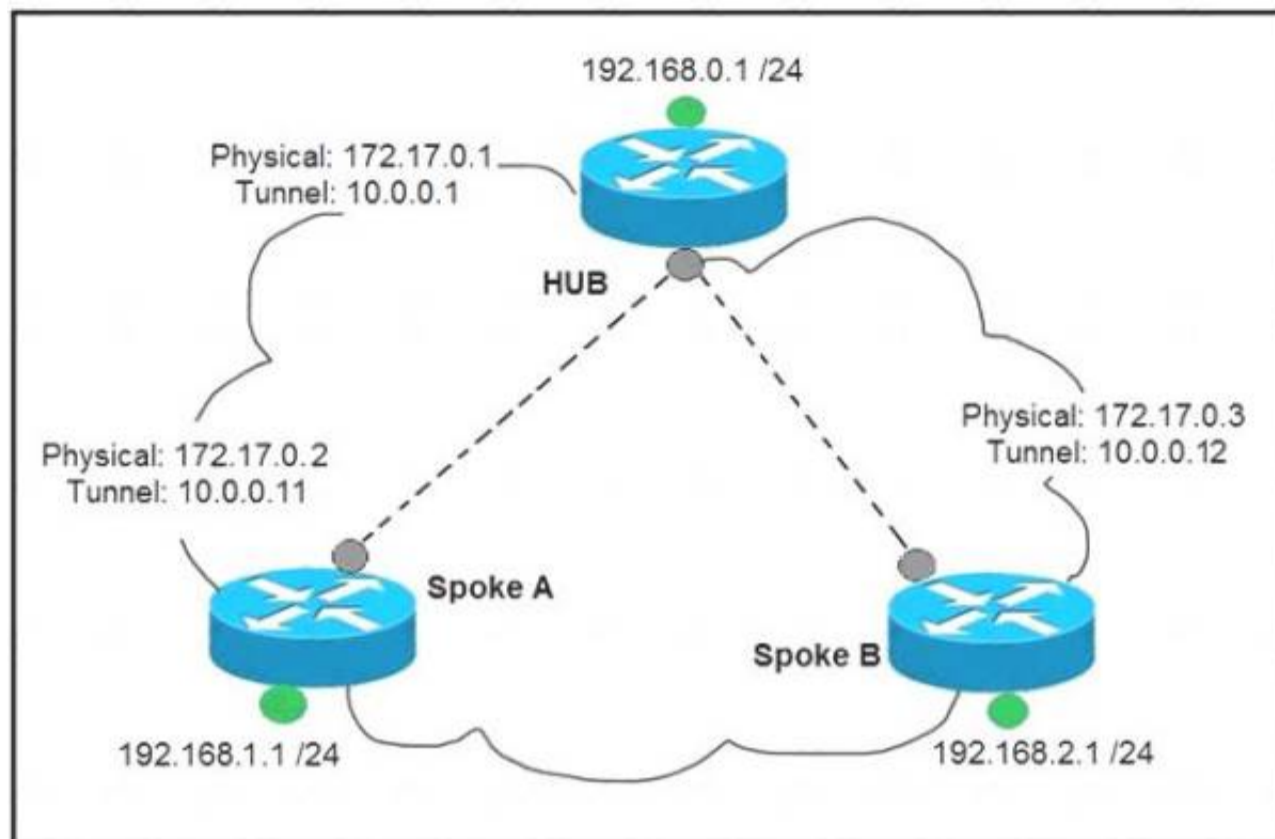Which subnet is redistributed from EIGRP to OSPF routing protocols?

A. 10.2.2.0/24
B. 10.1.4.0/26
C. 10.1.2.0/24

D. 10.2.3.0/26

Answer: A

NEW QUESTION 3
Refer to the exhibit.

Which interface configuration must be configured on the spoke A router to enable a dynamic DMVPN tunnel with the spoke B router?

A.
```
interface Tunnel0
description mGRE – DMVPN Tunnel
ip address 10.0.0.11 255.255.255.0
ip nhrp map multicast dynamic
ip nhrp network-id 1
tunnel source 10.0.0.1
tunnel destination FastEthernet 0/0
tunnel mode gre multipoint
```

B.
```
interface Tunnel0
ip address 10.0.0.11 255.255.255.0
ip nhrp network-id 1
tunnel source FastEthernet 0/0
tunnel mode gre multipoint
ip nhrp nhs 10.0.0.1
ip nhrp map 10.0.0.1 172.17.0.1
```

C.
```
interface Tunnel0
ip address 10.1.0.11 255.255.255.0
ip nhrp network-id 1
tunnel source 1.1.1.10
ip nhrp map 10.0.0.11 172.17.0.2
tunnel mode gre
```

D.
```
interface Tunnel0
ip address 10.0.0.11 255.255.255.0
ip nhrp map multicast static
ip nhrp network-id 1
tunnel source 10.0.0.1
tunnel mode gre multipoint
```

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

Answer: A

NEW QUESTION 4
Drag and drop the DHCP messages from the left onto the correct uses on the right.

|	
DHCPACK	server-to-client communication, refusing the request for configuration parameters
DHCPINFORM	client-to-server communication, indicating that the network address is already in use
DHCPNAK	server-to-client communication with configuration parameters, including committed network address
DHCPDECLINE	client-to-server communication, asking for only local configuration parameters that the client has already externally configured as an address

A. Mastered
B. Not Mastered

Answer: A

Explanation:

DHCPACK	DHCPNAK
DHCPINFORM	DHCPDECLINE
DHCPNAK	DHCPACK
DHCPDECLINE	DHCPINFORM

NEW QUESTION 5
Refer to the exhibit.

172.20.40.0/30
R2
Gi0/2
.2
192.168.130.0/24
Gi0/1
R1
Gi0/3
.2
172.20.20.0/30
R3
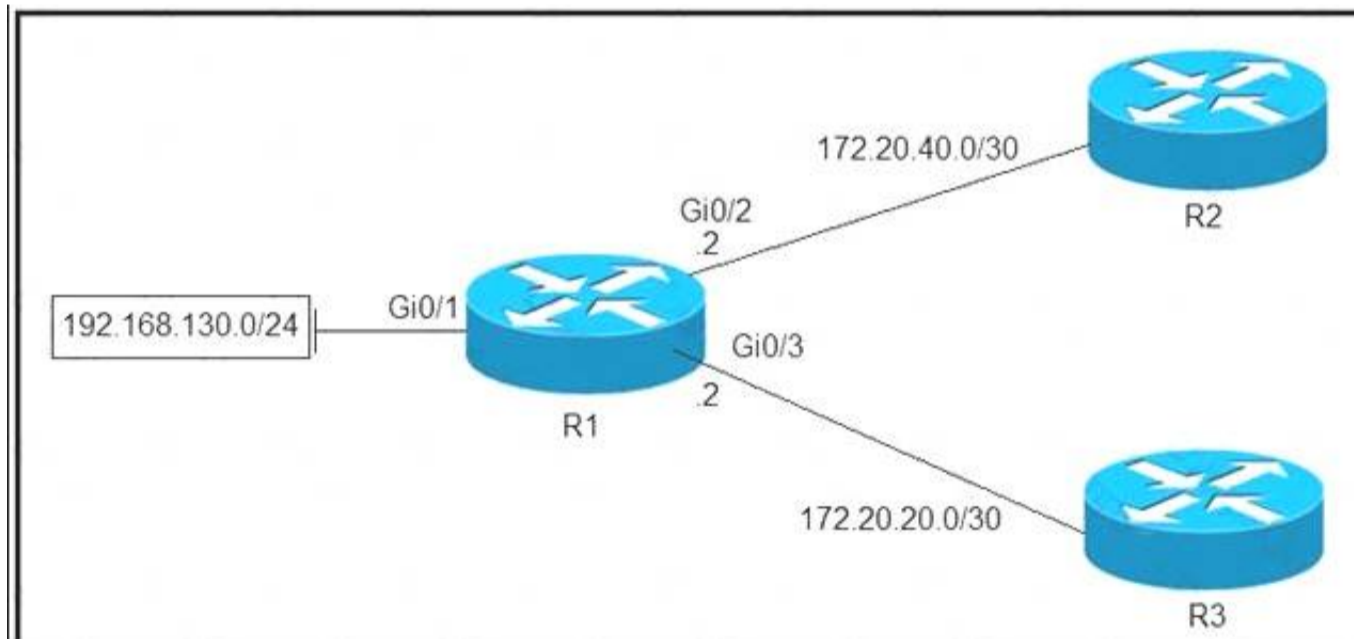
Which configuration configures a policy on R1 to forward any traffic that is sourced from the 192.168.130.0/24 network to R2?

A.
```
access-list 1 permit 192.168.130.0 0.0.0.255
!
interface Gi0/2
ip policy route-map test
!
route-map test permit 10
match ip address 1
set ip next-hop 172.20.20.2
```

B.
```
access-list 1 permit 192.168.130.0 0.0.0.255
!
interface Gi0/1
ip policy route-map test
!
route-map test permit 10
match ip address 1
set ip next-hop 172.20.40.2
```

C.
```
access-list 1 permit 192.168.130.0 0.0.0.255
!
interface Gi0/2
ip policy route-map test
!
route-map test permit 10
match ip address 1
set ip next-hop 172.20.20.1
```

D.
```
access-list 1 permit 192.168.130.0 0.0.0.255
!
interface Gi0/1
ip policy route-map test
!
route-map test permit 10
match ip address 1
set ip next-hop 172.20.40.1
```

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

Answer: D

NEW QUESTION 6
Refer to the exhibit.

```
access-list 100 deny tcp any any eq 465
access-list 100 deny tcp any eq 465 any
access-list 100 permit tcp any any eq 80
access-list 100 permit tcp any eq 80 any
access-list 100 permit udp any any eq 443
access-list 100 permit udp any eq 443 any
```
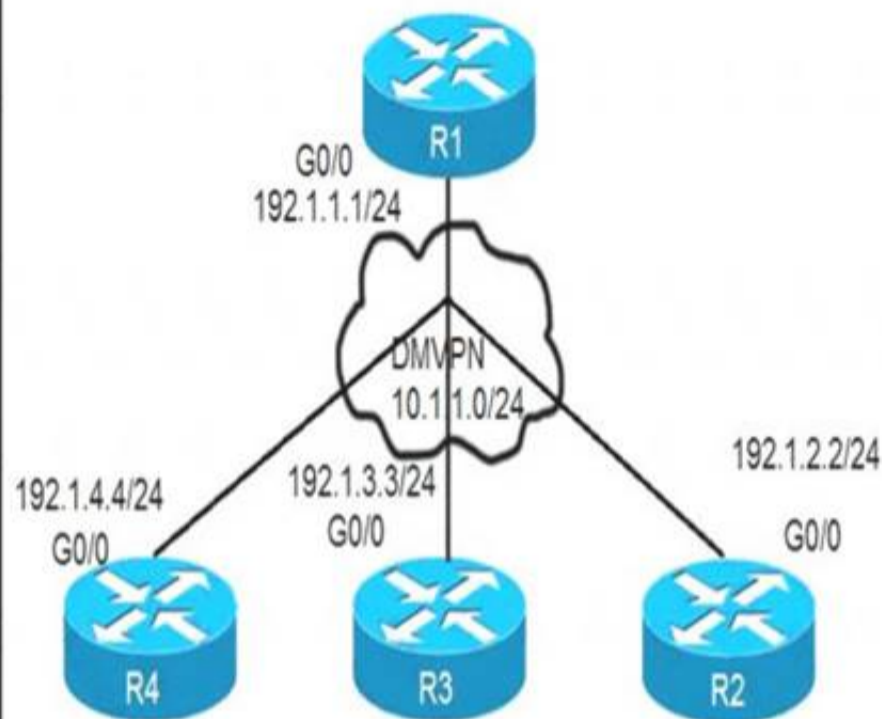
During troubleshooting it was discovered that the device is not reachable using a secure web browser. What is needed to fix the problem?

A. permit tcp port 443
B. permit udp port 465
C. permit tcp port 465
D. permit tcp port 22

Answer: A

NEW QUESTION 7
Refer to the exhibit.

on R2:
R2(config)# crypto isakmp policy 10
R2(config-isakmp) # hash md5
R2(config-isakmp) # authentication pre-share
R2(config-isakmp) # group 2
R2(config-isakmp)# encryption 3des
R2(config)# crypto isakmp key cisco address 10.1.1.1
R2(config)# crypto ipsec transform-set TSET esp-des esp-md-hmac
R2(cfg-crypto-trans)# mode transport
R2(config)# crypto ipsec profile TST R2 (ipsec-profile) # set transform-set TSET
R2(config)# interface tunnel 123
R2(config-if)# tunnel protection ipsec profile TST

on R3:
R3(config)# crypto isakmp policy 10
R3(config-isakmp) # hash md5
R3(config-isakmp) # authentication pre-share
R3(config-isakmp) # group 2
R3(config-isakmp)# encryption 3des
R3(config)# crypto isakmp key cisco address 10.1.1.1
R3(config)# crypto ipsec transform-set TSET esp-des esp-md5-hmac
R3(cfg-crypto-trans)# mode tunnel
R3(config)# crypto ipsec profile TST R3 (ipsec-profile) + set transform-set TSET
R3(config)# interface tunnel 123
R3(config-if)# tunnel protection ipsec profile TST

After applying IPsec, the engineer observed that the DMVPN tunnel went down, and both
spoke-to-spoke and hub were not establishing. Which two actions resolve the issue? (Choose two.)

A. Change the mode from mode tunnel to mode transport on R3.
B. Remove the crypto isakmp key cisco address 10.1.1.1 on R2 and R3.
C. Configure the crypto isakmp key cisco address 192.1.1.1 on R2 and R3.
D. Configure the crypto isakmp key cisco address 0.0.0.0 on R2 and R3.
E. Change the mode from mode transport to mode tunnel on R2.

Answer: AD

NEW QUESTION 8
Refer to the exhibit.

```
R1#show ip ssh
SSH Disabled – version 1.99
%Please create RSA keys to enable SSH (and of atleast 768 bits for SSH v2).
Authentication timeout: 120 secs; Authentication retries: 3
Minimum expected Diffie Hellman key size: 1024 bits
IOS Keys in SECSH format (ssh-rsa, base64 encoded) : NONE
R1#
```

An engineer is trying to connect to a device with SSH but cannot connect. The engineer connects by using the console and finds the displayed output when
troubleshooting. Which command must be used in configuration mode to enable SSH on the device?

A. no ip ssh disable
B. ip ssh enable
C. ip ssh version 2
D. crypto key generate rsa

Answer: D

NEW QUESTION 9
An engineer configured the wrong default gateway for the Cisco DNA Center enterprise interface during the install. Which command must the engineer run to
correct the configuration?

A. sudo maglev-config update
B. sudo maglev install config update
C. sudo maglev reinstall
D. sudo update config install

Answer: A

NEW QUESTION 10
Drag and drop the addresses from the left onto the correct IPv6 filter purposes on the right.

permit ip 2001:d8b:800:200c:: /117 2001:0DBB:800:2010::/64 eq 443	Permit NTP from this source 2001:0D8B:0800:200c::1f
permit ip 2001:D88:800:200C::e/126 2001:0DBB:800:2010::/64 eq 514	Permit syslog from this source 2001:0D88:0800:200c::1c
permit ip 2001:d8b:800:200c::800 /117 2001:0DBB:800:2010::/64 eq 80	Permit HTTP from this source 2001:0D8B:0800:200c::0fff
permit ip 2001:D8B:800:200C::c/126 2001:0DBB:800:2010::/64 eq 123	Permit HTTPS from this source 2001:0D8B:0800:200c::07ff

A. Mastered
B. Not Mastered

Answer: A

Explanation:

permit ip 2001:d8b:800:200c:: /117 2001:0DBB:800:2010::/64 eq 443	permit ip 2001:D8B:800:200C::c/126 2001:0DBB:800:2010::/64 eq 123
permit ip 2001:D88:800:200C::e/126 2001:0DBB:800:2010::/64 eq 514	permit ip 2001:D88:800:200C::e/126 2001:0DBB:800:2010::/64 eq 514
permit ip 2001:d8b:800:200c::800 /117 2001:0DBB:800:2010::/64 eq 80	permit ip 2001:d8b:800:200c::800 /117 2001:0DBB:800:2010::/64 eq 80
permit ip 2001:D8B:800:200C::c/126 2001:0DBB:800:2010::/64 eq 123	permit ip 2001:d8b:800:200c:: /117 2001:0DBB:800:2010::/64 eq 443

NEW QUESTION 10
R2 has a locally originated prefix 192.168.130.0/24 and has these configurations:

```
ip prefix-list test seq 5 permit 192.168.130.0/24
!
route-map OUT permit10
match ip address prefix-list test
set as-path prepend 65000
```

What is the result when the route-map OUT command is applied toward an eBGP neighbor R1 (1.1.1.1) by using the neighbor 1.1.1.1 route-map OUT out command?

A. R1 sees 192.168.130.0/24 as two AS hops away instead of one AS hop away.
B. R1 does not accept any routes other than 192.168.130.0/24
C. R1 does not forward traffic that is destined for 192.168.30.0/24
D. Network 192.168.130.0/24 is not allowed in the R1 table

Answer: A

NEW QUESTION 14
Which statement about IPv6 RA Guard is true?

A. It does not offer protection in environments where IPv6 traffic is tunneled.
B. It cannot be configured on a switch port interface in the ingress direction.
C. Packets that are dropped by IPv6 RA Guard cannot be spanned.
D. It is not supported in hardware when TCAM is programmed.

Answer: A

NEW QUESTION 15
Refer to the exhibit.

```
TAC+: TCP/IP open to 171.68.118.101/49 failed --
Destination unreachable; gateway or host down
AAA/AUTHEN (2546660185): status = ERROR
AAA/AUTHEN/START (2546660185): Method=LOCAL
AAA/AUTHEN (2546660185): status = FAIL
As1 CHAP: Unable to validate Response. Username chapuser: Authentication failure
```

Why is user authentication being rejected?

A. The TACACS+ server expects "user", but the NT client sends "domain/user".
B. The TACACS+ server refuses the user because the user is set up for CHAP.
C. The TACACS+ server is down, and the user is in the local database.
D. The TACACS+ server is down, and the user is not in the local database.

Answer: D

NEW QUESTION 20
Refer to the exhibit.

```
Cat3850-Stack-2# show policy-map

Policy Map LIMIT_BGP
  Class BGP
    drop

Policy Map SHAPE_BGP
  Class BGP
    Average Rate Traffic Shaping
    cir 10000000 (bps)

Policy Map POLICE_BGP
  Class BGP
    police cir 1000k bc 1500
      conform-action transmit
      exceed-action transmit

Policy Map COPP
  Class BGP
    police cir 1000k bc 1500
      conform-action transmit
      exceed-action drop
```

Which control plane policy limits BGP traffic that is destined to the CPU to 1 Mbps and ignores BGP traffic that is sent at higher rate?

A. policy-map SHAPE_BGP
B. policy-map LIMIT_BGP
C. policy-map POLICE_BGP
D. policy-map COPP

Answer: D

NEW QUESTION 23
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