300-410 Dumps

Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

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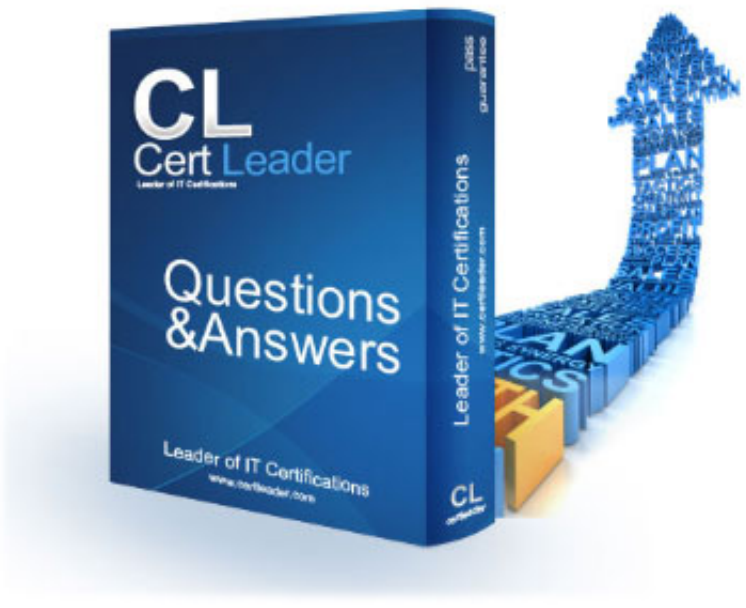
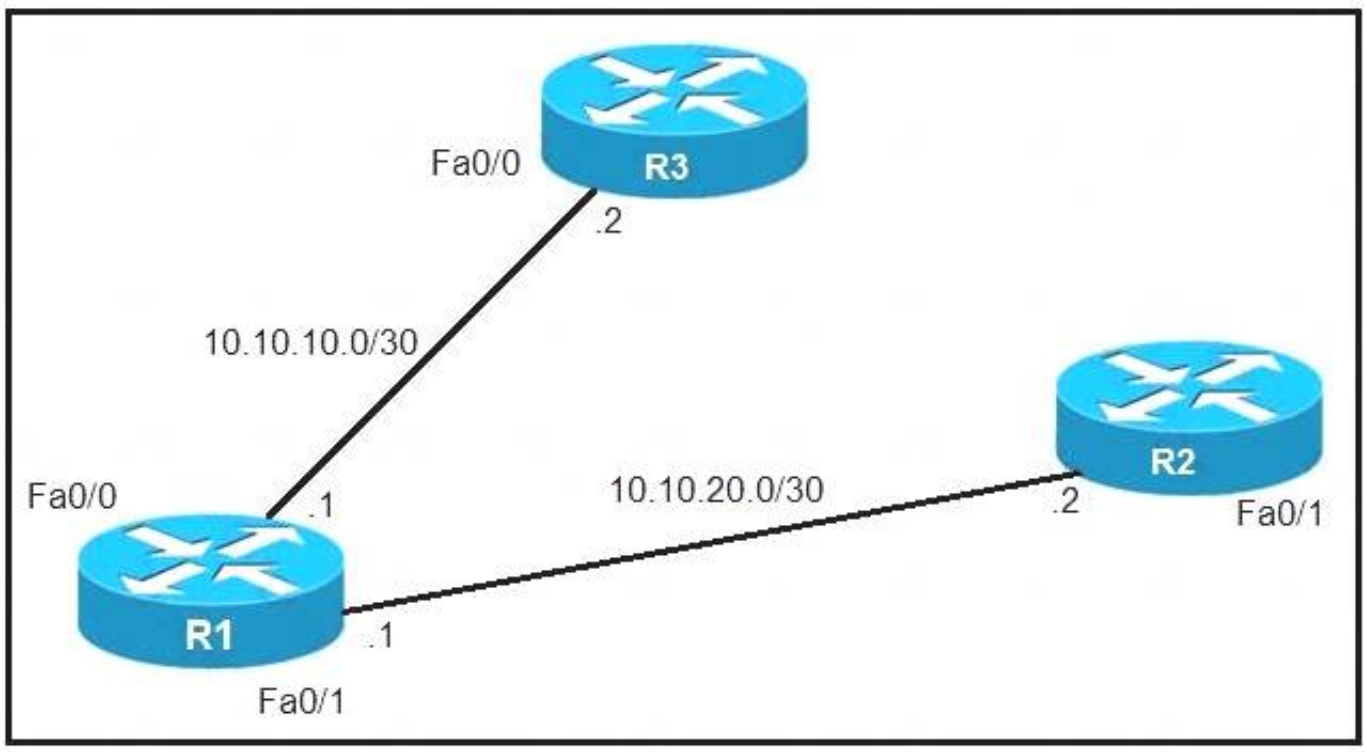


NEW QUESTION 1
While working with software images, an engineer observes that Cisco DNA Center cannot upload its software image directly from the device. Why is the image not uploading?

A. The device must be resynced to Cisco DNA Center.
B. The software image for the device is in install mode.
C. The device has lost connectivity to Cisco DNA Center.
D. The software image for the device is in bundle mode

Answer: B

NEW QUESTION 2
Refer to the exhibit.



An IP SLA was configured on router R1 that allows the default route to be modified in the event that Fa0/0 loses reachability with the router R3 Fa0/0 interface. The route has changed to flow through
router R2. Which debug command is used to troubleshoot this issue?

A. debug ip flow
B. debug ip sla error
C. debug ip routing
D. debug ip packet

Answer: C

NEW QUESTION 3
Which transport layer protocol is used to form LDP sessions?

A. UDP
B. SCTP
C. TCP
D. RDP

Answer: C

NEW QUESTION 4
Which configuration enabled the VRF that is labeled “Inet” on FastEthernet0/0?

A. R1(config)# ip vrf InetR1(config-vrf)#ip vrf FastEthernet0/0
B. R1(config)#ip vrf Inet FastEthernet0/0
C. R1(config)# ip vrf InetR1(config-vrf)#interface FastEthernet0/0 R1(config-if)#ip vrf forwarding Inet
D. R1(config)#router ospf 1 vrf InetR1(config-router)#ip vrf forwarding FastEthernet0/0

Answer: C

NEW QUESTION 5
An engineer is trying to copy an IOS file from one router to another router by using TFTP. Which two actions are needed to allow the file to copy? (Choose two.)

A. Copy the file to the destination router with the copy tftp: flash: command
B. Enable the TFTP server on the source router with the tftp-server flash: <filename> command
C. TFTP is not supported in recent IOS versions, so an alternative method must be used
D. Configure a user on the source router with the username tftp password tftp command
E. Configure the TFTP authentication on the source router with the tftp-server authentication local command

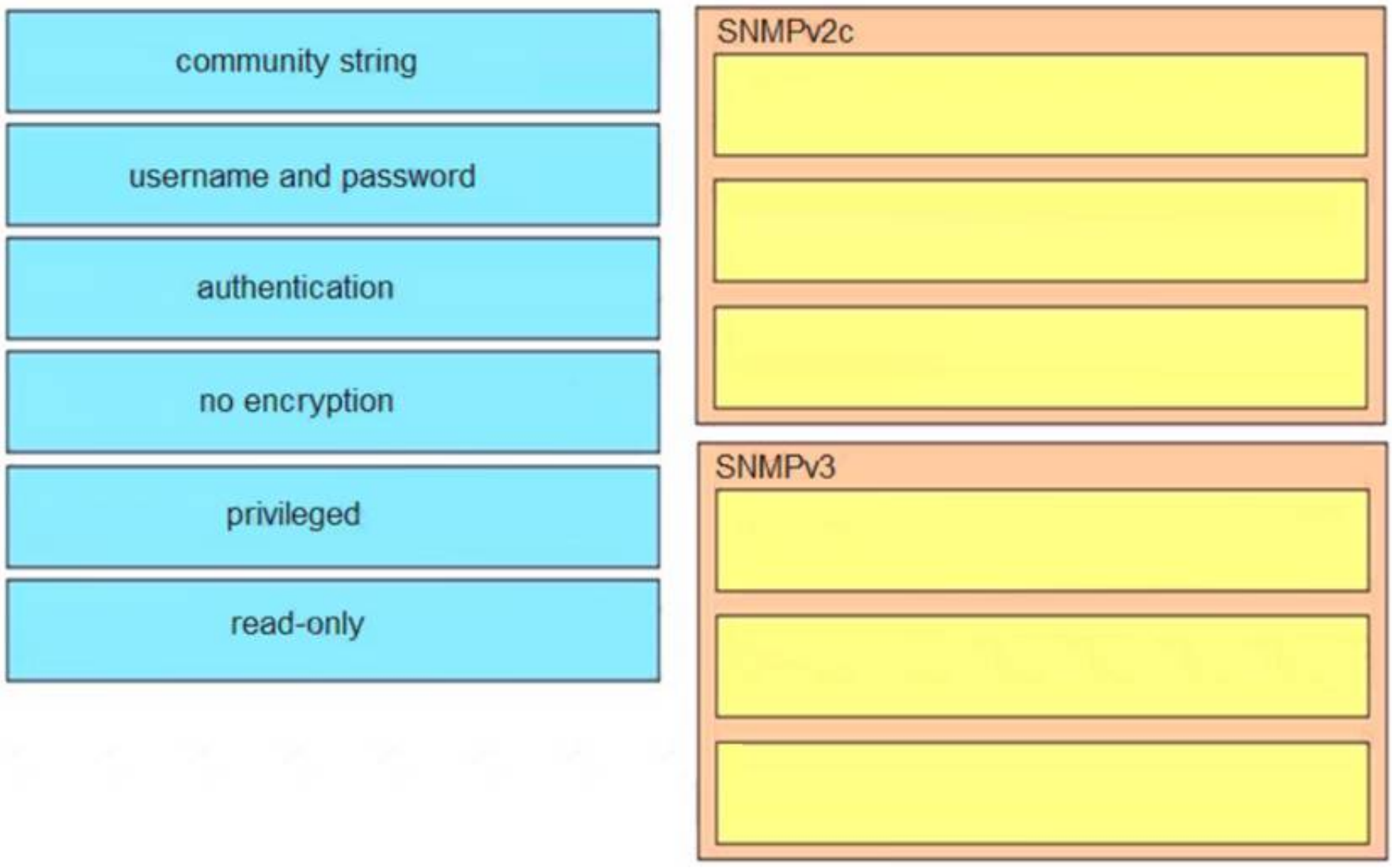
Answer: AB

NEW QUESTION 6
A network engineer is investigating a flapping (up/down) interface issue on a core switch that is synchronized to an NTP server. Log output currently does not show the time of the flap. Which command allows the logging on the switch to show the time of the flap according to the clock on the device?

A. service timestamps log uptime
B. clock summer-time mst recurring 2 Sunday mar 2:00 1 Sunday nov 2:00
C. service timestamps log datetime localtime show-timezone
D. clock calendar-valid

Answer: A

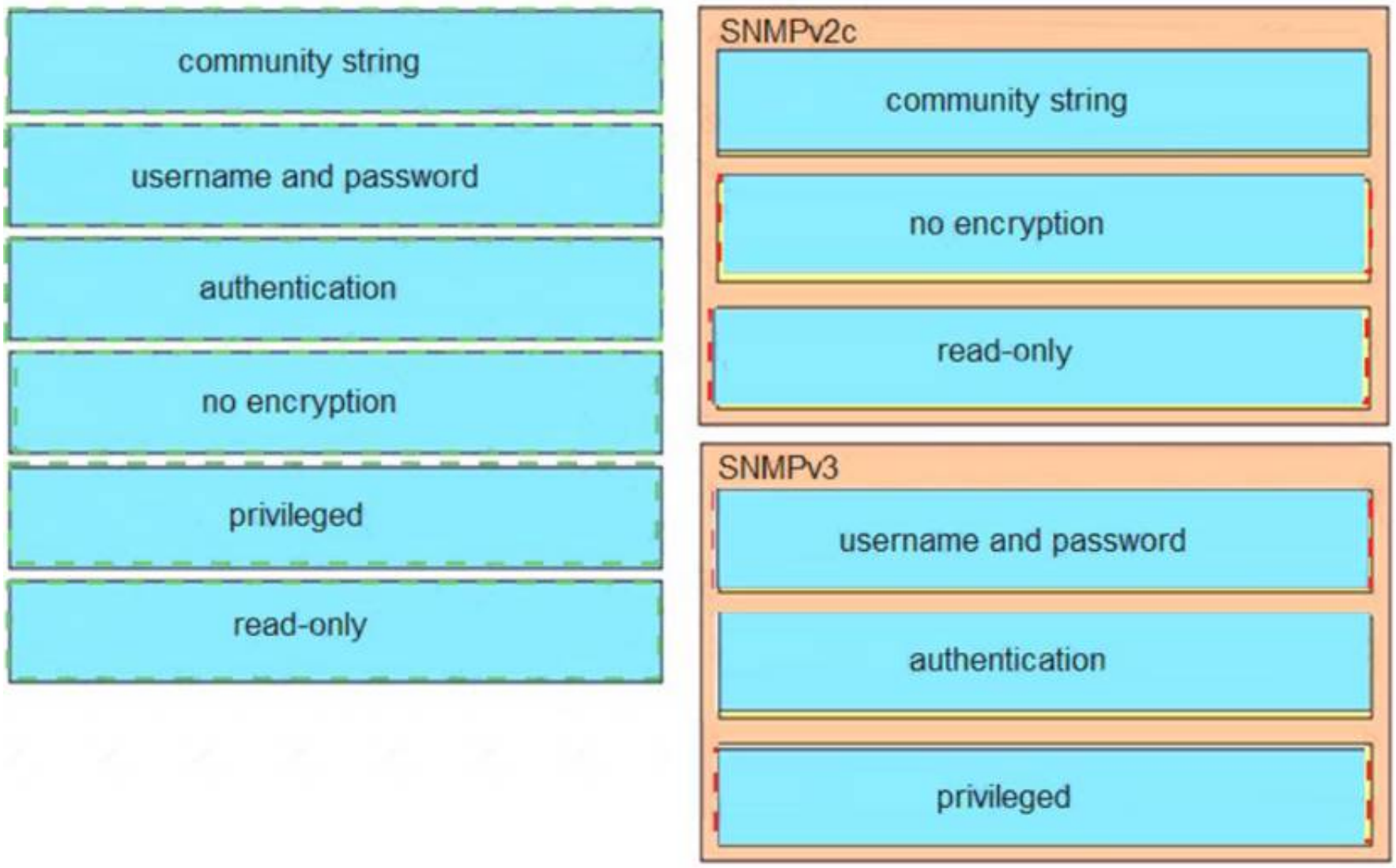
NEW QUESTION 7
Drag and drop the SNMP attributes in Cisco IOS devices from the left onto the correct SNMPv2c or SNMPV3 categories on the right.



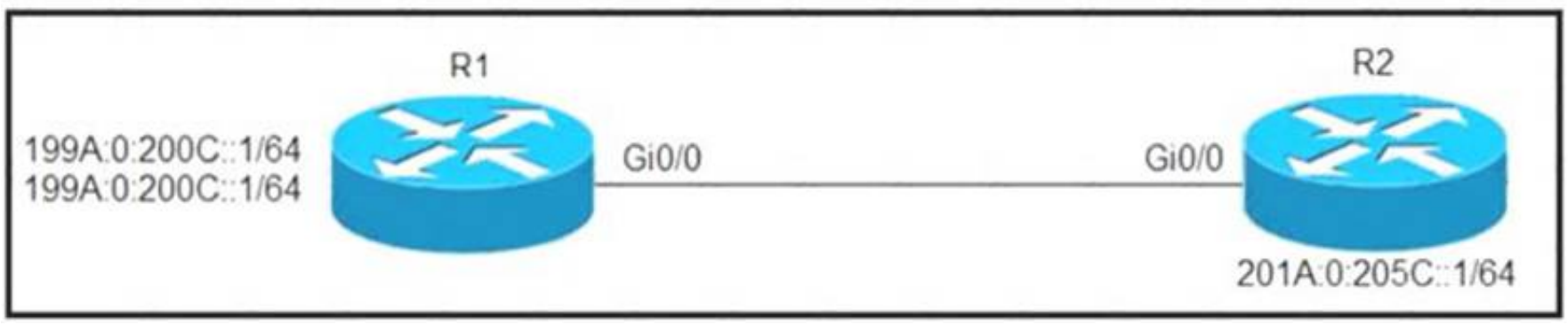
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 8
Refer to the exhibit.



Which configuration denies Telnet traffic to router 2 from 198A:0:200C::1/64?

A.
```
ipv6 access-list Deny_Telnet sequence 10 deny tcp host 198A:0:200C::1/64 host
201A:0:205C::1/64 eq telnet
!
int Gi0/0
 ipv6 traffic-filter Deny_Telnet in
!
```

B.
```
ipv6 access-list Deny_Telnet sequence 10 deny tcp host 198A:0:200C::1/64 host
201A:0:205C::1/64 eq telnet
!
int Gi0/0
 ipv6 access-map Deny_Telnet in
!
```

C.
```
ipv6 access-list Deny_Telnet sequence 10 deny tcp host 198A:0:200C::1/64 host
201A:0:205C::1/64
!
int Gi0/0
 ipv6 access-map Deny_Telnet in
!
```

D.
```
ipv6 access-list Deny_Telnet sequence 10 deny tcp host 198A:0:200C::1/64 host
201A:0:205C::1/64
!
int Gi0/0
 ipv6 traffic-filter Deny_Telnet in
!
```

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

Answer: A

NEW QUESTION 9
Refer to the exhibit.

```
R1#show running-config | section dhcp
ip dhcp excluded-address 192.168.1.1 192.168.1.49
ip dhcp pool DHCP
   network 192.168.1.0 255.255.255.0
   default-router 192.168.1.1
   dns-server 8.8.8.8
   lease 0 12
```

Users report that IP addresses cannot be acquired from the DHCP server. The DHCP
server is configured as shown. About 300 total nonconcurrent users are using this DHCP server, but none of them are active for more than two hours per day.
Which action fixes the issue within the current resources?

A. Modify the subnet mask to the network 192.168.1.0 255.255.254.0 command in the DHCP pool
B. Configure the DHCP lease time to a smaller value
C. Configure the DHCP lease time to a bigger value
D. Add the network 192.168.2.0 255.255.255.0 command to the DHCP pool

Answer: B

NEW QUESTION 10
Refer to the exhibit.

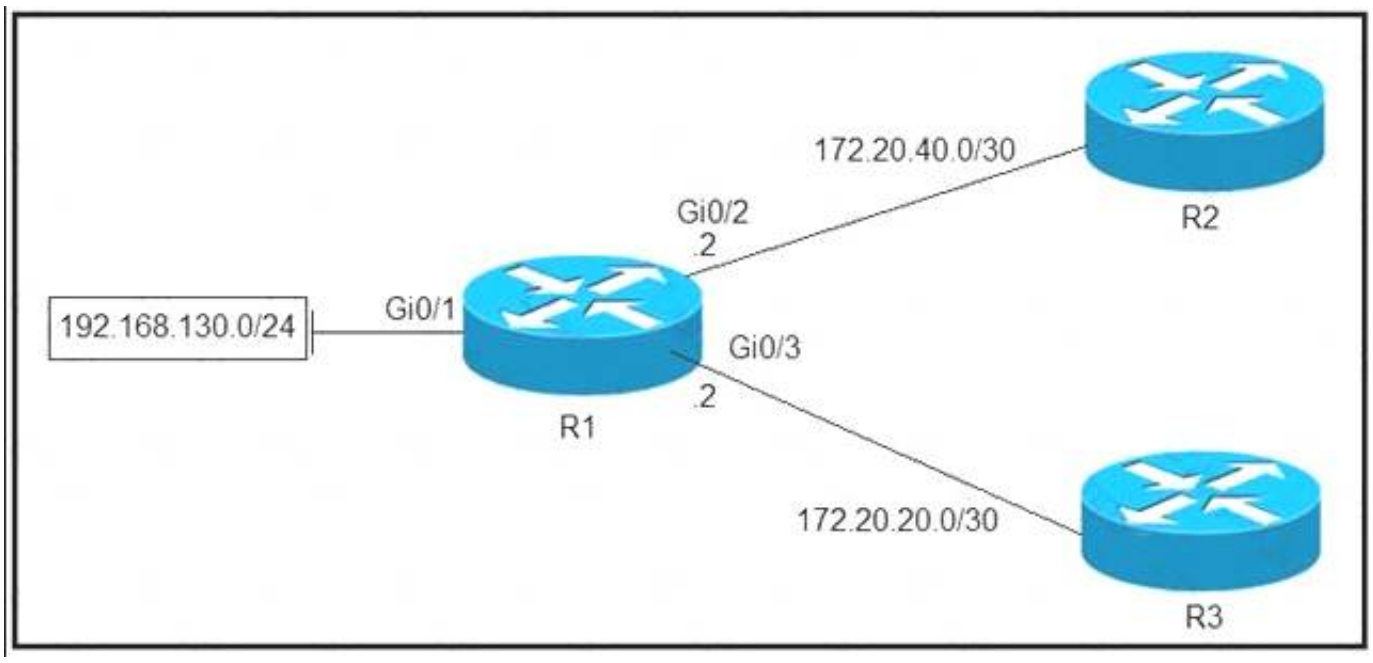
```
service timestamps debug datetime msec
service timestamps log datetime
clock timezone MST -7 0
clock summer-time MST recurring
ntp authentication-key 1 md5 00101A0B01521812062247470 71E 7
ntp server 10.10.10.10

R1#show clock
*06:13:44.045 MST Sun Dec 30 2018

R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config) #logging host 10.10.10.20
R1(config) #end
R1#
*Dec 30 13:15:28: %SYS-5-CONFIG_I: Configured from console by console
R1#
*Dec 30 13:15:28: %SYS-6-LOGGINGHOST_STARTSTOP: Logging to host 10.10.10.20 port 514
started – CLI initiated
```

An administrator noticed that after a change was made on R1, the timestamps on the system logs did not match the clock. What is the reason for this error?

A. An authentication error with the NTP server results in an incorrect timestamp.
B. The keyword localtime is not defined on the timestamp service command.
C. The NTP server is in a different time zone.
D. The system clock is set incorrectly to summer-time hours.

Answer: D

NEW QUESTION 10
Refer to the exhibit.



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 14
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

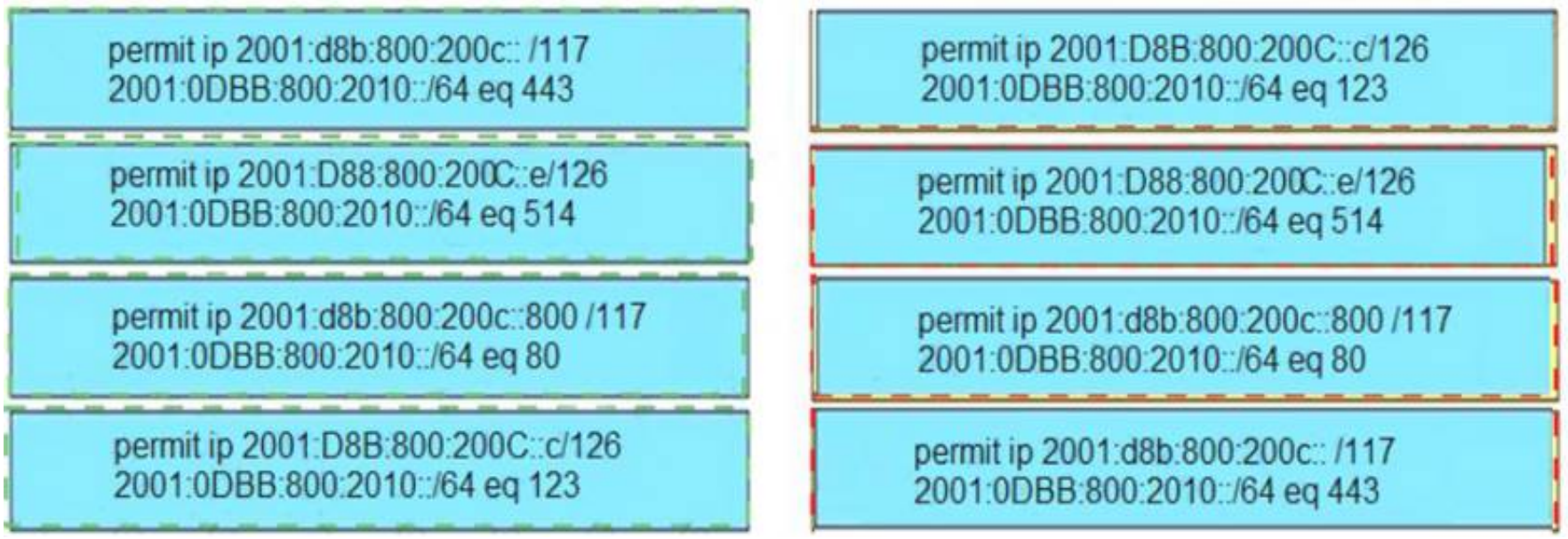
Answer: A

NEW QUESTION 18
Drag and drop the addresses from the left onto the correct IPv6 filter purposes on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 22
While troubleshooting connectivity issues to a router, these details are noticed:

- Standard pings to all router interfaces, including loopbacks, are successful.
- Data traffic is unaffected.
- SNMP connectivity is intermittent.
- SSH is either slow or disconnects frequently.

Which command must be configured first to troubleshoot this issue?

A. show policy-map control-plane
B. show policy-map
C. show interface | inc drop
D. show ip route

Answer: A

NEW QUESTION 23
Refer to the exhibit.

```
snmp-server community ciscotest1
snmp-server host 192.168.1.128 ciscotest
snmp-sever enable traps bgp
```

Network operations cannot read or write any configuration on the device with this configuration from the operations subnet. Which two configurations fix the issue? (Choose two.)

A. Configure SNMP rw permission in addition to community ciscotest.
B. Modify access list 1 and allow operations subnet in the access list.
C. Modify access list 1 and allow SNMP in the access list.
D. Configure SNMP rw permission in addition to version 1.
E. Configure SNMP rw permission in addition to community ciscotest 1.

Answer: AB

NEW QUESTION 24

Refer to the exhibit.

```
Router#sh ip route ospf
<output omitted>
Gateway is last resort is not set

      10.0.0.0/24 is subnetted, 1 subnets
   o  E2     10.0.0.0 [110/20] via 192.168.12.2, 00:00:10, Ethernet0/0
   o       192.168.3.0/24 [110/20] via 192.168.12.2, 00:00:50, Ethernet0/0
Router#

Router#show ip bgp
<output omitted>
      Network          Next Hop      Metric     LocPrf     Weight     Path
>*    192.168.1.1/32   0.0.0.0            0                32768      ?
>*    192.168.3.0      192.168.12.2      20                32768      ?
>*    192.168.12.0     0.0.0.0            0                32768      ?
Router#show running-config | section router bgp
router bgp 65000
 bgp log-neighbor-changes
 redistribute ospf 1
Router#
```

An engineer is trying to redistribute OSPF to BGP, but not all of the routes are redistributed. What is the reason for this issue?

A. By default, only internal routes and external type 1 routes are redistributed into BGP
B. Only classful networks are redistributed from OSPF to BGP
C. BGP convergence is slow, so the route will eventually be present in the BGP table
D. By default, only internal OSPF routes are redistributed into BGP

Answer: A

NEW QUESTION 29
Which protocol is used to determine the NBMA address on the other end of a tunnel when mGRE is used?

A. NHRP
B. IPsec
C. MP-BGP
D. OSPF

Answer: D

NEW QUESTION 32
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 35
Drag and drop the OSPF adjacency states from the left onto the correct descriptions on the right.

Init	Each router compares the DBD packets that were received from the other router.
2-way	Routers exchange information with other routers in the multiaccess network.
Down	The neighboring router requests the other routers to send missing entries.
Exchange	The network has already elected a DR and a backup BDR.
ExStart	The OSPF router ID of the receiving router was not contained in the hello message.
Loading	No hellos have been received from a neighbor router.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Init	Exchange
2-way	2-way
Down	Loading
Exchange	ExStart
ExStart	Init
Loading	Down

NEW QUESTION 37
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