QUESTION 362
What is a benefit of VRRP?

A. It provides traffic load balancing to destinations that are more than two hops from the source.
B. It provides the default gateway redundancy on a LAN using two or more routers.
C. It allows neighbors to share routing table information between each other.
D. It prevents loops in a Layer 2 LAN by forwarding all traffic to a root bridge, which then makes the final forwarding decision.

Answer: B

QUESTION 363
Refer to the exhibit. What is the result if Gig1/11 receives an STP BPDU?

```
switch(config)#interface gigabitEthernet 1/11

switch(config-if)#switchport mode access

switch(config-if)#spanning-tree portfast

switch(config-if)#spanning-tree bpduguard enable
```

A. The port transitions to STP blocking
B. The port transitions to the root port
C. The port immediately transitions to STP forwarding.
D. The port goes into error-disable state

Answer: D

QUESTION 364
Which type of security program is violated when a group of employees enters a building using the ID badge of only one person?

A. intrusion detection
B. user awareness
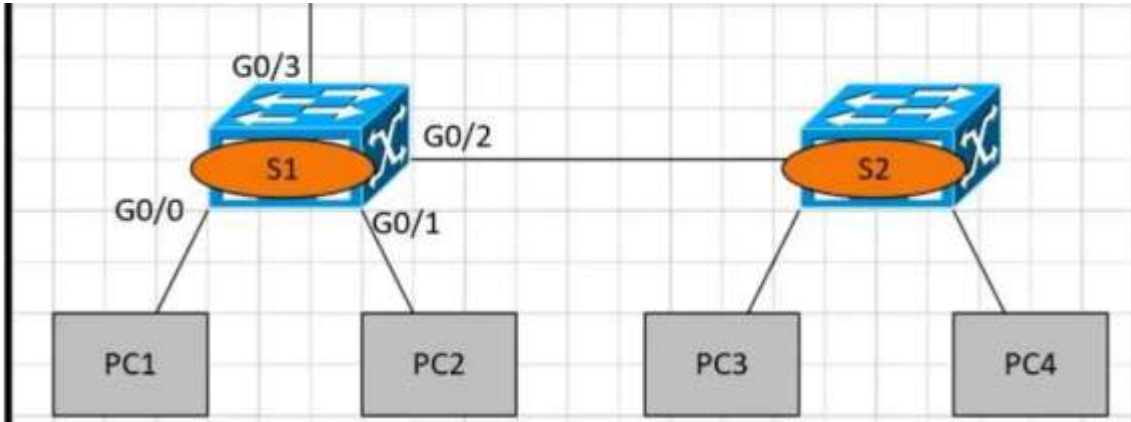C. physical access control
D. network authorization

Answer: B

QUESTION 365
Refer to the exhibit. PC1 is trying to ping PC3 for the first time and sends out an ARP to S1 Which action is taken by S1?

A. It forwards it out GO/3 only
B. It is flooded out every port except GO/0.
C. It drops the frame.
D. It forwards it out interface GO/2 only.

Answer: D

QUESTION 366
Which technology can prevent client devices from arbitrarily connecting to the network without state remediation?

A. 802.1x
B. IP Source Guard
C. MAC Authentication Bypass
D. 802.11n

Answer: A

QUESTION 367
In which situation is private IPv4 addressing appropriate for a new subnet on the network of an organization?

A. There is limited unique address space, and traffic on the new subnet will stay local within the organization.
B. The network has multiple endpoint listeners, and it is desired to limit the number of broadcasts.
C. Traffic on the subnet must traverse a site-to-site VPN to an outside organization.
D. The ISP requires the new subnet to be advertised to the internet for web services.

Answer: A

QUESTION 368
Refer to the exhibit. A network administrator has been tasked with securing VTY access to a router Which access-list entry accomplishes this task?

```
access-list 101 permit ospf any any
 access-list 101 permit tcp any any eq 179
 access-list 101 permit tcp any eq 179 any
 access-list 101 permit gre any any
 access-list 101 permit esp any any

access-list 101 deny ospf any any
 access-list 101 permit tcp 10.1.1.0 0.0.0.255 172.16.1.0 0.0.0.255 eq telnet
 access-list 101 permit udp 10.1.1.0 0.0.0.255 172.16.1.0 0.0.0.255 eq 500
 access-list 101 permit udp 10.1.1.0 0.0.0.255 172.16.1.0 0.0.0.255 eq 4500
 access-list 101 deny ip any any log

interface Ethernet0/0
   ip address 10.1.1.25 255.255.255.0
   ip access-group 101 in
```

A. access-list 101 permit tcp 10.1.10 0.0.0.255 172.16.10 0.0.0.255 eq ssh
B. access-list 101 permit tcp 10.11.0 0.0.0.255 172.16.10 0.0.0.255 eq scp
C. access-list 101 permit tcp 10.11.0 0.0.0.255 172.16.10 0.0.0.255 eq telnet
D. access-list 101 permit tcp 10.1.10 0.0.0.255 172.16.10 0.0.0.255 eq https

Answer: A

QUESTION 369
Aside from discarding, which two states does the switch port transition through while using RSTP (802.1w)? (Choose two)

A. listening
B. blocking
C. forwarding
D. learning
E. speaking

Answer: CD

QUESTION 370
When implementing a router as a DHCP server, which two features must be configured? (Choose two)

A. relay agent information
B. database agent
C. address pool
D. smart-relay
E. manual bindings

Answer: CE

QUESTION 371
An engineer must configure traffic for a VLAN that is untagged by the switch as it crosses a trunk link. Which command should be used?

A. switchport trunk allowed vlan 10
B. switchport trunk native vlan 10
C. switchport mode trunk
D. switchport trunk encapsulation dot1q

Answer: D

QUESTION 372
What is a role of wireless controllers in an enterprise network?

A. centralize the management of access points in an enterprise network
B. support standalone or controller-based architectures
C. serve as the first line of defense in an enterprise network
D. provide secure user logins to devices on the network.

Answer: A

QUESTION 373
What is the maximum bandwidth of a T1 point-to-point connection?

A. 1.544 Mbps
B. 2.048 Mbps
C. 34.368 Mbps
D. 43.7 Mbps

Answer: A
Section: (none)
Explanation/Reference:
Explanation:
A Point to Point T1 service is a private data connection securely connecting two or more locations with T1 data speeds (1.54Mbps).