Cisco

300-115 Exam

Cisco Implementing Cisco IP Switched Networks Exam

Questions & Answers
Demo

Version: 34.0

Question: 1

Which two VLAN ranges can you add. modify or delete on a switch'? (Choose two)

A. 1 through 1001
B. 1006 through 4094
C. 1005 through 4094
D. 2 through 1001
E. 2 through 4094

Answer: BD

Question: 2

Which Cisco technology provides network redundancy by combining two physically separate switches to a single logical switch'?

A. VSS
B. IPPS
C. PAGP
D. LACP

Answer: A

Question: 3

Which two commands configure RSPAN to capture incoming and outgoing traffic on a single interface'? (Choose two)

A. monitor session 1 source interface gigabitethernetl/0/2 tx
B. monitor session 1 destination remote vlan 910
C. monitor session 1 source interface gigabitethernetl/0/1 rx
D. monitor session 1 destination interface gigabitethernetl/0/2 rx
E. monitor session 1 source interface gigabitethernet1/0/2 both

Answer: BE

Question: 4

Which feature is enabled automatically when you configure HSRP on an interface?

A. ICMP redirect messages

B. HSRP tracking
C. IGMP snooping
D. HSRP preemption

Answer: A

Question: 5

Which command do you enter to troubleshoot a misconfigured EtherChannel?

A. CORE-SW(config)#spanning-tree etherchannel guard misconfig.
B. CORE-SW(config-if)#spanning-tree guard root
C. CORE-SW(config-if)#spanning-tree loopguard default
D. CORE-SW(config-if)#spanning-tree etherchannel guard misconfig

Answer: A

Question: 6

Which statement about configuring an RSPAN session is true?

A. RSPAN supports, by default, the monitoring of Layer 2 switch protocols.
B. The same RSPAN VLAN is used for a RSPAN session on all the switches.
C. Only the source switch in a session must support RSPAN
D. At least one access port must be configured in the RSPAN VLAN

Answer: B

Question: 7

Which command maximizes system resources for ACLs?

A. sdm prefer default
B. sdm prefer routing
C. sdm prefer access
D. sdm prefer vlan

Answer: C

Question: 8

Which option is a benefit of configuring UDLD on a link between two switches?

A. UDLD removes switching loops.
B. UDLD helps prevent switching loops
C. UDLD provides a backup mechanism for fiber.

D. UDLD determines the best switching path

Answer: B

Question: 9

Which two tasks must you perform to configure DHCP snooping on a device? (choose two)

A. Enable DHCP snooping on the VLAN
B. Enable VRF support for the DHCP relay agent
C. Enable DHCP snooping globally
D. Enable DHCP packet validation on the device.
E. Enable DHCP option 82.

Answer: AC

Question: 10

When the switches in a Cisco Stack Wise stack elect a new master switch, which value is used as the primary selector'?

A. lowest uptime
B. highest MAC address
C. lowest MAC address
D. highhest administrator assigned priority

Answer: D

Question: 11

Which two commands display trunking information on one or more Ethernet interfaces? (Choose two)

A. show interfaces summary
B. show interface trunk
C. show interface brief
D. show interface switchport
E. show interface

Answer: BD

Question: 12

Which command displays the current SDM template?

A. show sdm prefer routing

B. show sdm prefer layer 2
C. show sdm prefer
D. show sdm prefer default

Answer: C

Question: 13

Which statement about SPAN is true'?

A. it uses a specific VLAN to transfer mirrored traffic.
B. SPAN destinations also can be SPAN sources.
C. It is an industry standard protocol for mirroring traffic
D. SPAN destinations participate in spanning tree instances
E. It mirrors traffic from a source port to a destination port on the same switch only

Answer: D

Question: 14

Which two TLVs are included in Cisco Discovery Protocol advertisements? (Choose two)

A. Native VLAN TLV
B. VTP Management Domain TLV
C. Network Policy TLV
D. System Name TLV
E. Inventory Management TLV

Answer: AB

Question: 15

Which command configures ail access ports on a switch to immediately enter the forwarding state when the switch is reset?

A. spanning-tree portfast
B. spanning-tree portfast bpduguard default
C. spanning-tree portfast default
D. spanning-tree portfast bpdufilter default

Answer: A

Question: 16

Which command overrides the default priority of frames on an IP phone?

A. mls qos trust dsip
B. switchport priority extend trust
C. mls qos trust cos
D. mls qos trust cos
E. priority-queue out

Answer: B

Question: 17

Which two commands must you use to configure an interface to send traffic from a non-default native VLAN across a link that supports all VLANs? (Choose two)

A. encapsulation dot1Q 90 native
B. switchport trunk native vlan 90
C. switchport access vlan 1
D. switchport mode trunk
E. switchport access vlan 90

Answer: BD

Question: 18

Which feature can protect a Layer 2 port from spoofed IP addresses?

A. uRPF
B. port security
C. IP source guard
D. DHCP snooping

Answer: D

Question: 19

Which type of port can serve as a Cisco StackWise Virtual link?

A. an uplink port only
B. any physical port
C. a downlink port only
D. a switched port only

Answer: B

Question: 20

Which command enables you to determine whether any interface on a device was shut down as a

result of a port security violation?

A. show errdisable detect
B. show interface err-disabled status
C. show port-security address
D. show port-security

Answer: D

Question: 21

Which two accounting types does AAA support'? (Choose two)

A. authorization
B. privilege
C. system
D. connection
E. authentication

Answer: AE

Question: 22

Which feature can prevent ARP POISINING ATTACKS ON A DEVICE?

A. Dynamic MAC Inspection
B. MAC snooping
C. CGMP snooping
D. DHCP snooping
E. Dynamic ARP inspection
F. Static ARP inspection

Answer: D

Question: 23

Which two statements about configuring VLANs on switches in VTP server mode are true'? (Choose two)

A. The first VLAN configured on a switch becomes the native VLAN
B. Devices in a topology without a router can communicate only with other devices on the same VLAN.
C. Newly configured VLANs remain in the down state until they are manually enabled
D. VLANs must be configured individually
E. Switches in the same domain propagate their VLAN configurations over VTP

	Answer: CD

Question: 24

Refer to the exhibit

```
router# show vrrp
FastEthernet2/0/47 - Group 1
   State is Master
   Virtual IP address is 10.1.1.1
   Virtual MAC address is 0000.0c07.ac01
   Advertisement interval is 1.000 sec
   Preemption is enabled
      min delay is 0.000 sec
   Priority is 105
      Track object 1 state Down decrement 15
   Master Router is 10.1.1.2 (local), priority is 105
   Master Advertisement interval is 1.000 sec
   Master Down interval is 3.531 sec
```

Which two statements about the network environment of the interface that generated this output are true? (Choose two)

A. The configured VRRP priority of the interface is 120
B. The skew time is .531 seconds
C. The configured VRRP priority of the interface is 105.
D. The device on which the interface resides is acting as a standby router.
E. If the priority of another router is higher than the priority of the master router after 3.351 seconds

	Answer: AB

Question: 25

If all switches in a network have the same spanning-tree priority, which switch is elected as the root bridge?

A. the switch with the lowest MAC address.
B. the switch with the highest physical interface IP address.
C. the switch with the highest MAC address
D. the switch with the lowest loopback interface IP address

	Answer: A

Question: 26

Which command enables you Id detect whether both sides of an aggregate link are configured properly?

A. spanning-tree etherchannel guard misconfig
B. spanning-tree backbone fast
C. spanning-tree loopguard default.
D. spanning-tree guard root

	Answer: A

Question: 27

Which command identifies the learned addresses in the MAC address table for a device?

A. show mac address-table multicast
B. show mac address-table static
C. show mac address-table move update
D. show mac address-table dynamic

	Answer: D

Question: 28

Which VTP mode you configure on a VTP domain so that the switch with the highest VTP configuration revision number in the domain propagates VLAN information to the other switches?

A. client mode
B. server mode
C. off mode
D. transparent mode

	Answer: B

Question: 29

Which two tasks must you perform to correctly configure IP Source Guard on a switch? (Choose two)

A. Enable DHCP option 82
B. Enable DHCP packet validation on the device
C. Configure the DHCP snooping relay
D. Enable DHCP snooping on the switch
E. Configure the Ip verify source vlan dhcp-snooping command

	Answer: DE

Question: 30

Which two commands display the VLANs that are present in the VLAN database? (Choose two)

A. show vlan brief
B. show running-config
C. show vlan
D. show vlan databas

E. show vlan id

	Answer: AC

Question: 31

Which two differences between RADIUS and TACACS+ are true? (Choose two)

A. Only TACACS+ can combine authentication and authorization functions
B. Only RADIUS uses UDP
C. Only RADIUS provides granular control over the CLI commands that a user can execute
D. Only TACACS+ uses user privilege levels to determine which commands the user can execute
E. Only TACACS+ uses UDP

	Answer: AB

Question: 32

Which statement about local database device authentication is true?

A. It supports the full functionality of the AAA accounting feature
B. It can be used as a fallback authentication method when the connection to the remote network access server fails.
C. It is most appropriate for authentication on a large network with many endusers
D. It is primarily used for authentication without usernames

	Answer: B

Question: 33

How many active virtual gateways can each GLBP group support?

A. 1
B. 2
C. 4
D. 16

	Answer: C

Question: 34

Which option is the value of the Tag Protocol Identifier for an 802 1Q tagged frame?

A. 0x0806
B. 0x888E
C. 0x0800

D. 0x8100

Answer: D

Question: 35

Which two statements about IP Source Guard are true? (Choose two)

A. It works together with DHCP snooping to verify source IP packets
B. When it is first enabled, it blocks all IP packets except DHCP packets
C. It is enabled automatically when DHCP snooping is enabled
D. When it is configured on a Layer 2 port channel, it is applied only to the port channel interface
E. When it is first enabled, it allows all IP packets except DHCP packets
F. It must be enabled globally for all ports

Answer: DF