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Avaya Ethernet Routing Switch Implementation and Maintenance Exam

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QUESTION 1

The edge has been configured; the core configuration can be verified. Which configuration is the last step in the verification process?

- A. MLT configuration check
- B. Ext CP limit configuration check
- C. SLPP configuration check
- D. VLACP configuration check

Correct Answer: C

QUESTION 2

A campus network requirement is to introduce Virtual Routing and Forwarding (VRF) in the existing Ethernet Routing Switch (ERS) 8000-based core. The technician has to configure VRF on the ERS 8000. Which statement represents the order for configuring a new VRF?

- A. Create a new VLAN, add an IP address, create a VRF, and move the VLAN to the new VRF.
- B. Create a VRF, add an IP address, create a new VLAN, and move the VLAN to the new VRF.
- C. Create a VRF, create a new VLAN, add an IP address, and move the VLAN to the new VRF.
- D. Create a VRF, create a new VLAN, move the VLAN to the new VRF, and add an IP address.

Correct Answer: D

QUESTION 3

Syslog in the Ethernet Routing Switch (ERS) 8600 allows the mapping of ERS 8600 errors to be Specified to the facility Local 0 Local 7. What is another piece of information that syslog provides?

- A. severity level
- B. message frequency
- C. syslog table location
- D. system status

Correct Answer: A

QUESTION 4

A technician discovers that an Ethernet Routing Switch (ERS) 8300 cat5e copper link is intermittent. The link connects a

distant workstation to 8348GTX port 6/2. The cable path is undetermined at this point and it is suspected to traverse many patch panels. How can the ERS 8300 Time Domain reflectometer tool be of help in this situation?

- A. The Virtual Circuit Test command `config ethernet 6/2 vct test` can detect opens, shorts, bad terminations.
- B. The virtual circuit Repair command `config ethernet 6/2 vct repair` can detect the bad cable pairs and repair the cable by moving data to the good cable pairs.
- C. The Virtual Circuit Echo command `config ethernet 6/2 vct echo` can detect the bad cable pairs only when connected to another ERS 8300.
- D. The Virtual Circuit Detect command `config ethernet 6/2 vct detect` can detect how many patch panels are used between the device and switch and provide a percentage of dropped packets.

Correct Answer: A

QUESTION 5

What is the front panel port configuration for the Ethernet Routing Switch (ERS) 2550T-PWR?

- A. 48 10/100 BaseT ports (PoE on 48 ports)Two combo 10/100/1000BaseT or SFP port
- B. 48 10/100BaseT ports (PoE on 24 ports)two combo 10/100/1000BaseT or SFP port
- C. 50 10/100BaseT ports (PoE on 25 ports)two combo 10/100/1000BaseT or SFP port
- D. 50 10/100BaseT ports (PoE on 50 ports)two combo 10/100/1000BaseT or SFP port

Correct Answer: B

QUESTION 6

A call centre is using the stacks of Ethernet Routing Switches (ERS) 5520-48T-PWR to supply power over Ethernet (PoE) to their IP telephones. Each switch is attached to 48 telephones. The call centre begins operation at 9:00 am each day and they verify that the switch can supply enough power to support each telephone drawing their maximum power for all switches simultaneously. They are using the IP Phone port 10/100 switch.

Which statement it is true if all telephones are drawing 13.2 watts simultaneously?

- A. Each switch of supplying full port to all ports with only the AC input
- B. Each switch requires an RPSU 15 in addition to AC to supply full power to all ports.
- C. RPSU 15 can support four ERS 5520 switches that supply full power to all ports.
- D. Each switch can supply full power to all ports while the AC is unavailable if attached to

Correct Answer: B

QUESTION 7

A switch with Simple Loop Prevention Protocol (SLPP) did not detect a loop. What are two reasons this occurred? (Choose two.)

- A. SLPP was not globally enabled.
- B. A premier license for SLPP is needed.
- C. SLPP was not enabled on the VLAN where the loop originated.
- D. Extended CP limit on the transmitting port was not configured.

Correct Answer: AC

QUESTION 8

An Information Technology organization needs to determine whether they should upgrade their existing Routing Switch (ERS) 8600 switches to release 5.0. Each chassis currently has both 8648GTR 8648TX modules. One of the features that the company requires is the ability to perform port mirroring on multiple ports per module at a time.

What should be done to meet their port mirroring requirement when upgrading to software release 5.0?

- A. Replace the existing modules with 8648GTRS modules,
- B. Upgrade to ERS 8600 Release 5.0 without any hardware upgrade.
- C. Replace the existing 8648TX modules with ERS 8648TXE for egress mirroring.
- D. Recommend other means to capturing traffic.

Correct Answer: A

QUESTION 9

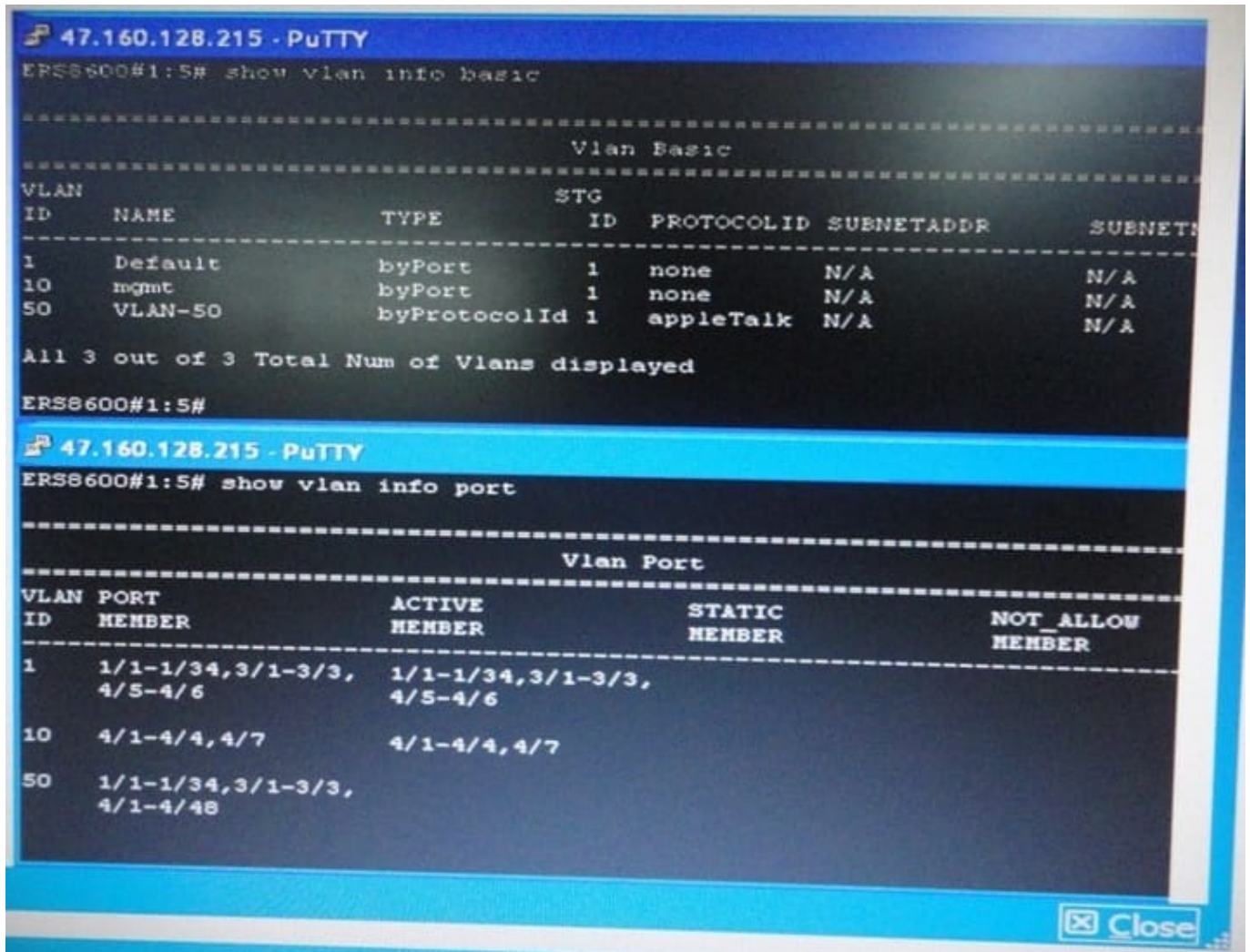
The User interface (UI) button on the Ethernet Routing Switch (ERS) 6500 can be used to temporarily reset a switch to the default IP address. Which two statements are true about the default IP address set via the UI button? (Choose two)

- A. The default IP address overrides the IP address currently in use by the switch stack.
- B. The default IP address overwrites the "configured" IP address settings that are set via console. CLI or Web.
- C. the default IP address changes if there is a change in the state of the switch, such as if the switch joins or leaves a stack.
- D. the default IP address is saved in NVRAM across resets of the switch/stack.

Correct Answer: AB

QUESTION 10

Click on the exhibit button After checking the VLAN configuration using the show vlan info basic and the show vlan info port commands, there are no ACTIVE MEMBER ports for VLM4-50. What is causing this problem?



- A. The ports have not been configured as active for this VLAN
- B. AppleTalk Protocol VLANs do not have ACTIVE MEMBERS
- C. The default setting for this type of VLAN is potential and no AppleTalk traffic has entered any of these ports
- D. There are no devices connected to these ports.

Correct Answer: C

QUESTION 11

Which group of commands will configure Ethernet Routing Switch (ERS) 8600 to deny any source in the multicast group from reaching the multicast receivers connected to ERS 8600-B?

- A. config ip prefix-list "2" add-prefix 10.1.1.0/30config vlan 2 ip igmp access-control 2 create 172.3.1.0 255.255.255.0 deny-tx
- B. config ip prefix-list "2" add-prefix 192.4.0-0/12config vlan 2 ip igmp access-control 2 create 172.3.1.0 255.255.255.0 deny-rx

C. config ip prefix-list "2" add-prefix 238.1.1.0/24config vlan 2 ip igmp access-control 2 create 172.3.1.0 255.255.255.0 deny-tx

D. config ip prefix-list "2" add-prefix 238.1.1.0/24config vlan 2 ip igmp access-control 2 create 194.4.10.0 255.255.255.0 deny-tx

Correct Answer: C

QUESTION 12

A technician wants to control the routes being added to the routing table from the BGP routing table. Which statement describes how to do this?

- A. BGP accept filters are applied to all routes from received by BGP peers.
- B. BGP accept filters are applied only to external route information.
- C. BGP accept filters are applied to all incoming and outgoing ports.
- D. BGP adds all new priority routes to the routing table.

Correct Answer: A

QUESTION 13

When Incorporating Split Multi-Link Trunk (SMLT) on a pair of Ethernet Routing Switch (ERS) 8600 switches traffic from the edge of the network is directed to

either ERS 8600. The ping-snoop feature assists in determining which path the traffic is taking.

How does the ping-snoop operation work?

- A. Ping snoop requires configuration changes to the edge devices.
- B. Ping snoop looks at the MAC header and directs traffic to the designated link.
- C. Ping snoop identifies traffic that matches the IP flow specified in the ping snoop command.
- D. Ping snoop configurations are saved and can be configured to restart automatically after a reboot.

Correct Answer: C

QUESTION 14

An Ethernet Routing Switch (ERS) 8600 is being configured for Virtual Router Redundancy Protocol (VRRP).

If the default value is used on the peer switch, which CLI command would cause this switch to be the VRRP master?

- A. Config vlan 100 ip vrrp 100 priority 250
- B. Config vlan 100 ip vrrp 100 priority 1

- C. Config vlan 100 ip vrrp 100 master
- D. Config vlan 100 ip vrrp 100 priority master

Correct Answer: A

QUESTION 15

Virtual forwarding eliminates the need for multiple physical routers. What is the difference in the Virtual Routing forwarding (VRF)-Lite configuration from Ethernet Routing switches (ERS) 8600/8800 to ERSS300?

- A. 8300 supports 250 virtual routers; ERS 8600/8800 supports 256.
- B. On ERS 8600/8800, VRF-Lite virtualizes the control and data plane as well as the routing tables.
- C. ERS 8300 supports Inter-VRF routing policies
- D. ERS 8600/8800 supports inter-VRF routing policies.

Correct Answer: D

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