



3605^{Q&As}

Avaya Ethernet Routing Switch Implementation and Maintenance Exam

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**QUESTION 1**

Which protocol can be used for end-to-end detection in a network as well as for point-to-point detection?

- A. LACP
- B. VLACP
- C. RSTP
- D. MSTP

Correct Answer: B

QUESTION 2

A split Multi-Link Trunking (SMLT) for switch clustering is being configured. Which statement is a configuration requirement for the SMLT?

- A. CP-Limit is configured on edge switch stacks.
- B. Neighboring edge switch stacks should be connected to each other via a DMLT connection to add resilient paths in the event of an SMLT failure.
- C. Alternate the primary path of the SMLT connection to load balance the switch core.
- D. VLANs that are defined on the SMLT are so defined on the MLT that defines the core Inter Switch Trunks (IST)

Correct Answer: D

QUESTION 3

A technician needs to reboot an Ethernet Routing Switch (ERS) 5000 Series switch with a default configuration. What needs to be done to keep the IP address and stack license?

- A. Boot partial-default
- B. Boot-default save-license
- C. Boot default-save
- D. Boot restore-license

Correct Answer: A

QUESTION 4

When configuring a new Ethernet Routing Switch (ERS) 8000 using the default interface, the attempt to load an ACLI configuration fails because the default



interface is the CLI.

How is the ACLI interface obtained?

- A. Change the interface type in the config.cfg file.
- B. Change the ACLI boot flag and save the boot configuration file.
- C. Exit the CLI and choose ACLI at the interface manager prompt.
- D. Use the abort command and enter `no\` at the default interface.

Correct Answer: C

QUESTION 5

A technician is configuring the core of a Converged Campus network, and is adding a backup-master configuration to an existing Virtual Router Redundancy

Protocol (VRRP) configuration for a VLAN that extends to the edge switches.

Which benefit is expected from the Addition of backup-master?

- A. reduced traffic on the IST
- B. reduced traffic on the uplink ports
- C. redundant default gateways for host devices
- D. faster switchover time

Correct Answer: D

QUESTION 6

A technician is troubleshooting some IP telephones that are connected to an Ethernet Routing switch (ERS) 8300 8348TX-PWR I/O module. The IP telephones will not turn on. The 48V LED on the module has been checked and it is steady amber.

- A. 48V is present.
- B. PoE is disabled.
- C. 48V is not available.
- D. Module is booting.

Correct Answer: D

QUESTION 7



Refer to the exhibit.

```
8600-A1:5> show chassis hardware
-----
Hardware Inventory Time: Mon Feb 12 11:21:56 UTC MST
-----
#
# Asic Info :
# SlotNum|Name      |CardType  |MdaType   |Parts Description
#
# Slot 1  --      0x00000001
# Slot 2  8683XLR  0x24334103 0x00000000 RSP=25 CLUE=2 F2I=4 F2E=3 FTMUX=17 CC=
3 FOQ=267 DPC=194 BMC=776 PIM=0 MAC=0
# Slot 3  --      0x00000001
# Slot 4  8648GTR  0x24220130 0x00000000 RSP=25 CLUE=2 F2I=4 F2E=3 FTMUX=17 CC=
3 FOQ=267 DPC=194 BMC=776 PIM=3 MAC=3
# Slot 5  8895SF   0x200e1100 0x00000000 CPU: BDLB=21 glue=14 SFM: OP=3 TMUX=2
SWIP=23 FAD=16 CF=238
# Slot 6  --      0x00000001
8600-A1:5>
```

Based on the command line output shown in the exhibit, how many Gigabit Ethernet ports are available on this Ethernet Routing Switch (ERS) 8600?

- A. 3
- B. 48
- C. 52
- D. 83

Correct Answer: B

QUESTION 8

An existing enterprise network is using Ethernet Routing Switch (ERS) 8600 switches in the campus core. It has determined that 10 Gigabit links are required to replace the existing 1 Gigabit links 1 to the closest. This will affect 18 connections on each of the ERS 8600 switches. Which statement describes how to accomplish this requirement in each ERS 8600 chassis?

- A. Replace the two existing switch fabric modules with 8394SF systems.
- B. Replace the two existing switch fabric modules with 8692SF and Supermezz.
- C. Replace the two existing 8616SXE modules with 8612XLRS modules.
- D. Replace the six 8683XLR modules with 8612XLRS.

Correct Answer: C

QUESTION 9

In a multicast campus, when should an ERS 8600 PIM interface be configured to run in passive mode?

- A. When the interface is used as an edge interface and is aggregating traffic.



- B. When the interface is used as a core interface and needs to limit PIM messages to reduce the system load.
- C. When there are no unicast routing paths.
- D. When more than one unicast routing protocol is in use.

Correct Answer: A

QUESTION 10

Consider four software upgrade events on an Ethernet Routing Switch (ERS) 2500 series switch:

1.
Upgrade the software image
2.
The System Reboots
3.
Backup the binary configuration to a TFTP server
4.
Upgrade the boot/diagnostic code, if the new version is available

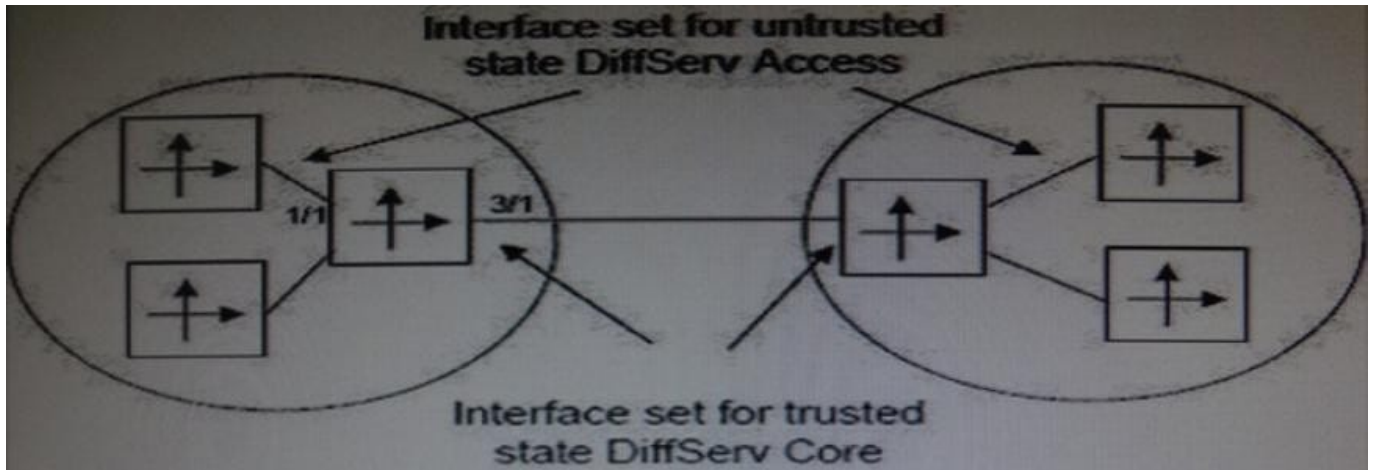
Which sequence of events will correctly upgrade the software?

- A. 3.2.4. 1
- B. 3.4.2.1
- C. 3.2.1.4
- D. 1.2.4.3
- E. 1.4.2.3

Correct Answer: B

QUESTION 11

Refer to the exhibit.



Which commands will configure the labeled Ethernet ports shown in the exhibit correctly?

- A. config ethernet 3/1 enable-diffserv trueconfig ethernet 1/1 access-diffserv true
- B. config ethernet 1/1 access-diffserv trueconfig ethernet 1/1 access-diffserv true
- C. config ethernet 1/1, 3/1 enable-diffserv trueconfig ethernet 1/1 access-diffserv true
- D. config ethernet 1/1, 3/1 enable-diffserv trueconfig ethernet 3/1 access-diffserv true

Correct Answer: C

QUESTION 12

A technician is configuring a Link Aggregation connection from a stack of Ethernet Routing Switch (ERS) 5500 to a core pair of ERS 8600 switches. Which statement about the correct uplink configuration is true?

- A. Distribute uplinks across different ERS 5500 switches in the stack.
- B. Disable auto negotiation and replace it with VLACP to identify single fiber fault failure
- C. Use unique MLT IDS for each stack of edge ERS 5500 switches
- D. Enable Spanning Tree Protocol for the MLT when using it with SMLT in the core of the network.

Correct Answer: A

QUESTION 13

To provide load distribution across two or more equal cost paths in a Layer 3 routing environment, the ECMP feature can be used to maximize load sharing. Which two statements correctly describe the ECMP features? (Choose two)

- A. All ECMP next hop addresses are in the routing table
- B. ECMP keeps traffic between two IP addresses on one single path.
- C. All ECMP paths are active and forwarding traffic.



D. ECMP routes apply to OSPF, RIP and BGP only.

Correct Answer: AC

QUESTION 14

Consider the following port conditions on an Ethernet Routing Switch (ERS) 8648GTRS 10/100/1000 Ethernet I/O module left LED -green Right LED - flashing

green.

What is the status of the port?

- A. The link speed is 100 Mbps. and the port is disabled.
- B. The link speed is 1000 Mbps, and the port is disabled
- C. The link speed is 100 Mbps. and the port is passing traffic.
- D. The link speed is 1000 Mbps. and the port is passing traffic.

Correct Answer: C

QUESTION 15

A customer is upgrading an existing ERS 8610 with the 8692SF to software version 7.x. Which statement regarding the upgrade is correct?

- A. The customer must upgrade the 8692SF to an 8893SF for software release 7.x.
- B. The customer can run 7.x with the existing 8692SF, although some features will be disabled.
- C. The customer can add the SuperMezz module to the 8692SF and run release 7.x.
- D. The customer must upgrade to an ERS 8810 chassis to run software release 7.x.

Correct Answer: C

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