



3605^{Q&As}

Avaya Ethernet Routing Switch Implementation and Maintenance Exam

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QUESTION 1

A technician is setting up switch clustering using Split Multi-Link Trunking (SMLT). Which link is configured between the SMLT cluster switches?

- A. Inter-Switch Trunk (IST)
- B. Multi link Trunk (MLT)
- C. Split Multi Link Trunk (SMLT)
- D. LAG Trunk

Correct Answer: A

QUESTION 2

Before enabling IP Source through Device Manager, which two conditions must be met on the system?

- A. Dynamic Host Control Protocol (DHCP) snooping enabled globally.
- B. EAPOL must be enabled.
- C. The bsSourceGuardConfigMode MIB object must be removed.
- D. The port is an untrusted DHCP snooping and dynamic ARP Inspection port.

Correct Answer: AD

QUESTION 3

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 4



The SNMP counters check for authorization failures and other types error conditions. Which of these SNMP error conditions is displayed in Enterprise Device Manager?

- A. PCAP packet capture counters
- B. In Bad Community Names counters
- C. Fan Failure packet counters
- D. Power Supply Failure packet counters

Correct Answer: D

QUESTION 5

During the installation of a unified access solution, the IP address of the wireless switch interface needs to be configured on the ERS 8000. Which IP address must be used in configuration?

- A. Any valid IP address within management VLAN subnet.
- B. Any valid IP address within the unified access VLAN subnet.
- C. The switch CLIP (loopback) address.
- D. Any reachable valid IP address.

Correct Answer: C

QUESTION 6

Fn Ethernet Routing Switch (ERS) 8300 configurations, which service class ensures that protocol updates such as RIP and OSPF are able to get out of a heavily congested switch?

- A. Bronze
- B. Standard
- C. Network Control
- D. Premium Control

Correct Answer: C

QUESTION 7

The goal of the Converged Campus architecture is to provide a highly reliable infrastructure with subscribed failover preventing any interruption of traffic on the network? What are the two primary benefits of this design goal? (Choose two)

- A. In the event of a failure, no less of connectivity or application availability will be experienced by the end user.



- B. This architecture provides high performance Layer 3 switching, resiliency, security, and services.
- C. This design goal provides numerous connectivity options including Asynchronous Transfer Mode (ATM), Packet over SONET (POS), and 10 Gigabit Ethernet.
- D. The design goal provides the ability to provide hitless software upgrade for the core of the network.

Correct Answer: AD

QUESTION 8

After issuing a show ist stats (CLI) or show ist stat (ACLI) command, it is determined that the running type is normal MLT and not inter Switch Trunks? (Choose two)

- A. The IST is not enabled on the both switches.
- B. The MLT ID does not match on both switches.
- C. The Peer IP address is not the address of the Peer switch IST VLAN.
- D. The peer IP addresses have to be 192.168.1.1/30 and 192.168.1.2/30.

Correct Answer: AC

QUESTION 9

Traceout allows a route to be traced to a network using an Ethernet Routing Switch (ERS) 8600 CLI command. In the command output, the possible range of `w` values is 1-255.

The `w` value represents wait time for what?

- A. Start of command execution
- B. Time to live
- C. Per probe
- D. Completion of traceout report

Correct Answer: C

QUESTION 10

A technician is configuring 802.1Q tagging, Virtual Link Aggregation Control Protocol (VLACP) with short timeout, and untagged frames to be discarded. Which part of the network is being configured?

- A. IST
- B. The out-of-band management port
- C. The edge access ports



D. The uplinks

Correct Answer: D

QUESTION 11

Not long after bootup of an upgraded Ethernet Routing Switch (ERS) 8310, the system hangs. Which statement describes the cause of this problem?

- A. The CPU module was configured in slot 5.
- B. An ERS 8600 module was configured in the 8300 chassis
- C. The system includes dual 839xSF modules
- D. The system was running in full duplex mode.

Correct Answer: C

QUESTION 12

When configuring an Ethernet Routing Switch (ERS) 8000 split Multi-Link Trunking (SMLT), protection against an edge switch in the factory default condition must be taken into consideration. Which parameter will help prevent loops on the SMLT ports?

- A. Discarded Untagged Frames
- B. Discard Looped Frames
- C. Spanning Tree Enable
- D. LACP Enable

Correct Answer: A

QUESTION 13

A technician is adding the Virtual Link Aggregation Control Protocol (VLACP) configuration ID a Converged Campus Solution where all Ethernet Routing switches

(ERSs) are directly connected without intermediary WAN transport devices.

What are two key configuration tasks? (Choose two)

- A. configure all links to use the default multicast MAC address for VLACP messages
 - B. For the 1ST links, configure the long timeout value
 - C. For the SMLT links, configure the long timeout value
 - D. Configure all links to use a unique reserved multicast MAC address for VLACP messages
-



Correct Answer: BD

QUESTION 14

An engineer needs to assign an IP address of 172.25.10.31 for out of band management of an Ethernet Routing switch (ERS) 8600 switch a subnet mask of

255.255.255.192. Which command line interface (CLI) command should the engineer use?

- A. ERS8600:5# config bootconfig set ip 172.26.10 36/26
- B. ERS8800:5 # config bootconfig set ip 172.25.10 36/27
- C. ERS8600:5# config bootconfig net mgmt ip 172.25.10.36/27
- D. ERS8600:5# config bootconfig net mgmt ip 172.25.10.36/26

Correct Answer: D

QUESTION 15

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

```
ECT86101:5# show sys infoasic
#
# Asic Info :
# SlotNum Name | CardType | MdaType | Parts Description
#
# Slot 1 8648TXE 0x20210130 0x00000000 IOM: PLRO=3 BFN: OP=3 THUX=2 RARU=4 CPLD=5
# Slot 2 8608GBE 0x20325108 0x00000000 IOM: GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
# Slot 3 8632TXE 0x20210120 0x00000000 IOM: PLRO=3 GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
# Slot 4 8632TXE 0x20210120 0x00000000 IOM: PLRO=3 GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
# Slot 5 8691SF 0x200e0100 0x00000000 CPU: CPLD=19 HEZZ=2 SFN: OP=3 THUX=2 SWIP=3 FAD=1 CF=16
# Slot 6 -- 0x00000001 0x00000000
# Slot 7 8632TXE 0x20210120 0x00000000 IOM: PLRO=3 GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
# Slot 8 8632TXE 0x20210120 0x00000000 IOM: PLRO=3 GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
# Slot 9 8608GBE 0x20325108 0x00000000 IOM: GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
# Slot 10 8632TXE 0x20210120 0x00000000 IOM: PLRO=3 GNAC=5 BFN: OP=3 THUX=2 RARU=4 CPLD=9
ECT86101:5/show/sys#
```

- A. 16
- B. 24
- C. 26
- D. 28

Correct Answer: A



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