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920-250

nncss-passport 8600

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QUESTION NO: 1

An engineer configures a single instance of Virtual Router Redundancy Protocol (VRRP) across two Passport 8600s. One Passport 8600 is configured with a VRRP Priority of 255 and the other is configured with a VRRP Priority of 100. During testing the engineer notices that both Passport 8600s are in Master state. What is a possible cause for this?

- A. VRRP has been configured on a VLAN on one 8600 and a brouter port on the other 8600.
- B. A critical IP interface has not been configured for the Passport 8600 with a VRRP Priority of 100.
- C. The Passport 8600 VRRP instances have been configured with different VRIDs.
- D. The Passport 8600 VRRP instances have been configured with the same VRID.

Answer: C

QUESTION NO: 2

An e-commerce company uses Passport 8600s in their core network with these requirements: ? Multiple servers connected to the core network ? Data closet switches connected to the core network ? Quality of Service (QoS) configured on the Passport 8600s ? Customers must be able to reach the e-commerce web site with little latency Which service class ensures that traffic to the company's e-commerce web site takes precedence over normal, low-priority user traffic?

- A. Network Control Service Class
- B. Premium Control Service Class
- C. Standard Service Class
- D. Olympic Service Class

Answer: D

QUESTION NO: 3

How would you force a failover from the primary Central Processing Unit (CPU) to the secondary CPU?

- A. `config sys set action cpuswitchover.`
- B. `config sys set cpu switchover`
- C. `config sys set secondary enable`
- D. `config sys set action switchover`

Answer: A

QUESTION NO: 4

A Passport 8600 customer is determining which routing protocol to use in their network. The configuration is relatively small, and the links are considered stable. The customer does NOT have extensive protocol expertise and wants to keep Central Process Unit (CPU) requirements as low as possible. Which standards based routing protocol will most effectively match the customer's needs?

- A. OSPF (Open Shortest Path First)
- B. RIP (Routing Information Protocol)
- C. IEEE 802.1Q
- D. QLAN

Answer: B

QUESTION NO: 5

What happens when two neighboring Open Shortest Path First (OSPF) routers are configured with different Hello Timer values?

- A. The higher value is used by both routers.
- B. Each uses its own timer; the two sides may time out the link differently.
- C. No adjacency is formed.
- D. The lower value is used by both routers.

Answer: C

QUESTION NO: 6

Consider an Open Shortest Path First (OSPF) Broadcast network with four routers. How many adjacencies would be formed by the Backup Designated Router?

- A. four
- B. two
- C. three
- D. one

Answer: C

QUESTION NO: 7

A segment consisting of a 10Base-T hub off a Passport 8600 port is showing high spikes in utilization and users are complaining about slow performance. The following conditions exist: ?
??? The Passport 8600 port is configured for 10Mbps, Half Duplex. ? ??? The port statistics on the Passport 8600 are showing an excessive amount of collisions. What course of action should be taken to improve performance?

- A. Split up the segment by using an available port on the Passport 8600
- B. Enable Auto negotiation
- C. Enable FastStart Spanning Tree Protocol (STP)
- D. Change the duplex setting to Full Duplex

Answer: A

QUESTION NO: 8

An engineer needs to flush the MAC (Media Access Control) on slot 1 port 1. Which action command should be entered?

- A. config Ethernet 1/1 action flushMAC
- B. flushmacfdb
- C. config Ethernet 1/1 action flushArp
- D. config Ethernet 1/1 action flushMacFdb

Answer: D

QUESTION NO: 9

In the event of a network failure, a customer requires that an Open Shortest Path First (OSPF) interface detect the failure within 30 seconds. Which Command Line Interface (CLI) command must be used to ensure a network failure is detected in the required amount of time?

- A. config vlan <vid> ip ospf hello-interval 30
- B. config vlan <vid> ip ospf dead-interval 30
- C. config vlan <vid> ip ospf priority 30
- D. config vlan <vid> ip ospf metric 30

Answer: B

QUESTION NO: 10

Which three can be found under the edit -> chassis, system tab? (Choose three.)