



Vendor: Cisco

Exam Code: 400-101

Exam Name: CCIE Routing and Switching Written Exam,
v5.1

Version: DEMO

QUESTION 1

Which statement about Cisco StackWise technology is true?

- A. All switches in a stack share configuration and routing information to behave as a single unit
- B. Removing switches can affect stack performance
- C. Only the master switch acts as a forwarding processor
- D. Every switch in a stack has its own independent ...configuration file, which enables it to become the stack master if the previous master fails

Answer: A

Explanation:

Configuration and routing information is shared by every switch in the stack, creating a single switching unit.

http://www.cisco.com/c/en/us/products/collateral/switches/catalyst-3750-series-switches/prod_white_paper09186a00801b096a.html

QUESTION 2

Which feature can mitigate hung management sessions?

- A. Control Plane Policing
- B. the service tcp-keepalives-in and service tcp-keepalives-out command
- C. the service tcp-small servers command
- D. vty line ACLs

Answer: B

QUESTION 3

Which option is an example of SaaS?

- A. Google Apps
- B. Amazon AWS
- C. Google App Engine
- D. Microsoft Azure

Answer: A

QUESTION 4

How does an IPv6 host automatically generate a global address?

- A. It prepends its interface identifier to the network prefixes contained in Router Advertisement messages.
- B. It appends its interface identifier to the network prefixes contained in Router Advertisement messages.
- C. It appends its interface identifier to the network prefixes contained in Router Solicitation messages.
- D. It prepends its interface identifier to the network prefixes contained in Router Solicitation messages.

Answer: B

QUESTION 5

Which two commands should you enter to enable IP Source Guard with IP and MAC address filtering?(Choose two)

- A. ip verify source tracking
- B. switchport port-security
- C. ip verify unicast source
- D. ip verify source
- E. ip verify source port-security

Answer: AE

QUESTION 6

Which option describes a difference between Ansible and Puppet?

- A. Ansible is client-server based, and Puppet is not.
- B. Ansible requires an agent, and Puppet does not.
- C. Ansible is Python based, and Puppet is Ruby based.
- D. Ansible automates repetitive tasks, and Puppet allows you to run plain ssh command.

Answer: C

QUESTION 7

What is the default behavior for a manual summary route when a component route of the summary disappears?

- A. Regardless of the metric if the component route,the metric of the summary is unchanged in order to keep stability.
- B. If the component route previously had the best composite metric ,the same summary metric is retained for stability.
- C. If the component route previously had the best composite metric ,the metric of the summary changes to the next-best composite metric.
- D. if the component route previously did not have the best composite metric,the summary metric is updated,and updates are sent to peers.

Answer: C

QUESTION 8

What are the two variants of NTPv4? (Choose two.)

- A. client/server
- B. broadcast
- C. multicast
- D. asymmetric
- E. unicast

Answer: AB

QUESTION 9

For what reason might you choose to use an SVTI interface instead of a crypto map on a tunnel interface?

- A. SVTIs support dynamic routing protocols without GRE headers.
- B. SVTIs can support multiple IPsec SAs.
- C. SVTIs can carry non-IP traffic.
- D. SVTIs support CEF-switched traffic shaping.

Answer: A

QUESTION 10

Refer to the exhibit. Which two statements about the output are true?(Choose two)

```
RT1#sh bfd neighbors detail
IPv4 Sessions
NeighAddr          LD/RD          RH/RS          State          Int
10.129.95.197      1/2148270086  Up             Up             Gi0/3
Session state is UP and not using echo function.
Session Host: Software
OurAddr: 10.129.95.198
Handle: 1
Local Diag: 0, Demand mode: 0, Poll bit: 0
MinTxInt: 999000, MinRxInt: 999000, Multiplier: 3
Received MinRxInt: 999000, Received Multiplier: 3
Holddown (hits): 2691(0), Hello (hits): 999(2143414)
Rx Count: 2049145, Rx Interval (ms) min/max/avg: 816/1016/917 last: 306 ms ago
Tx Count: 2143416, Tx Interval (ms) min/max/avg: 4/1266/878 last: 476 ms ago
Elapsed time watermarks: 0 0 (last: 0)
Registered protocols: BGP
Uptime: 3w0d
Last packet: Version: 1- Diagnostic: 0
               State bit: Up           - Demand bit: 0
               Poll bit: 0             - Final bit: 0
               C bit: 1
               Multiplier: 3           - Length: 24
               My Discr.: 2148270086   - Your Discr.: 1
               Min tx interval: 999000 - Min rx interval: 999000
               Min Echo interval: 0
```

- A. BFD last failed 476ms ago on interface GigabitEthernet 0/3.
- B. BGP on RT1 has negotiated the BFD capability with its peer.
- C. BFD is active on interface GigabitEthernet0/3 and is using ICMP.
- D. BFD is active on interface GigabitEthernet0/3 and is using UDP.
- E. BFD is active for BGP on RT1

Answer: BE

QUESTION 11

Which two statements about PPP PAP are true?(Choose two)

- A. It requires two-way authentication.
- B. It can protect against playback attacks.
- C. It is supported only on synchronous interfaces.
- D. It is vulnerable to trial-and error attacks.
- E. Login attempts are controlled by the remote node.

Answer: DE

QUESTION 12

Refer to the exhibit. What is the PHB class on this flow?

```
R101#show ip cache verbose flow
[...]
```

SrcIf	SrcIPaddress	DstIf	DstIPaddress	Pr	TOS	Flgs	Pkts
Port Msk AS		Port Msk AS	NextHop			B/Pk	Active
Et0/0	10.0.0.1	Et1/0*	14.0.0.2	01	80	10	1
0000 /0 0		0800 /0 0	0.0.0.0			100	0.0

- A. none
- B. CS4
- C. EF
- D. AF21

Answer: B

QUESTION 149

Drag and Drop Question

Drag each NTP command on the left to its effect on the right.

ntp master	Configures an external time source.
ntp orphan	Configures the device as an authoritative time server.
ntp peer	Configures the device to simulate a UTC source when real-time time sources are inaccessible.
ntp refclock	Configures the device to synchronize its time against a time server.
ntp server	Configures the device to synchronize its time against another device.

Answer:

	ntp refclock
	ntp master
	ntp orphan
	ntp server
	ntp peer

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