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DELL-EMC

D-NWG-FN-23

Dell Networking Foundations 2023

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Question: 65

What accurately describes the Simple Network Time Protocol (SNTP)?

- A. Time synchronization algorithms are more complex and account for clock drift
- B. Implemented on a Dell EMC Network OS 9 and OS 10
- C. SNTP devices can act as both clients and servers
- D. Client makes sudden changes to adjust the time

Answer: D

Question: 66

In IPv6 addressing, what refers to four binary characters?

- A. Byte
- B. Bit
- C. Nibble
- D. Block

Answer: C

Question: 67

Which command is used to prevent STP learning on a port that is connected to a server?

- A. #able spanning-tree
- B. #spanning-tree security
- C. #spanning-tree portfast
- D. #spanning-tree off

Answer: C

Question: 68

What action needs to be performed to enable SSH on a new switch?

- A. Enable web services
- B. Create a key pair using the crypto commands
- C. Update the switch to the latest firmware
- D. Disable telnet access

Answer: B

Question: 69

Which of the following is an IPv4 address?

- A. 224.0.0.3/8
- B. 172.16.225.0/23
- C. 10.0.0.255/16
- D. 192.168.0.3/30

Answer: C

Question: 70

A VLAN has been configured to have an IPv6 address and a stateless address autoconfiguration for clients.

Which IPv6 address prefix will the default gateway have on a client?

- A. fd01::/64
- B. fe08::/64
- C. fe80::/64
- D. ff02::/8

Answer: C

Question: 71

A network administrator is troubleshooting an OSPF routing issue. There are two paths to a destination network from one switch. In addition, one path is comprised of four 1 Gb links.

The other path is comprised of two 1 Gb and two 100 Mb links. The administrator ran several trace routes and notices that the packets are swapping back and forth between the two paths.

Which corrective action must be taken on the switch infrastructure to correct this issue?

- A. Manually specify the OSPF Router ID on each switch within the path.
- B. Break the paths into multiple OSPF areas.
- C. Change the reference speed used by OSPF in cost calculations on all switches within the path.
- D. Switch all routing protocols to RIPv2.

Answer: C

Question: 72

Which command shows active telnet sessions on Dell N-Series switches?

- A. Show hosts
- B. Show sessions
- C. Show users accounts
- D. Show line telnet

Answer: B

Question: 73

What criteria is used to determine STP root elections?

- A. Highest Port Numbers
- B. Lowest Router ID
- C. Lowest Bridge ID
- D. Highest Bandwidth

Answer: C

Question: 74

What is a valid subnet mask?

- A. 0.0.255.255
- B. 255.255.0.128
- C. 255.255.255.255
- D. 255.256.255.0

Answer: C

Question: 75

Which command enables the read-write network monitoring community string?

- A. #snmp-server community public ro
- B. #snmp-server community netmon rw
- C. #snmp-server community private wr
- D. #snmp-server community public read

Answer: B

Question: 76

Refer to the output:

```
console#show interfaces switchport te1/0/1 Port: Te1/0/1
```

```
VLAN Membership Mode: General Mode Access Mode VLAN: 1 (default)
```

```
General Mode PVID: 9 General Mode Ingress Filtering: Enabled General Mode
```

```
Acceptable Frame Type: Admit All
```

```
General Mode Dynamically Added VLANs: General Mode Untagged VLANs: 1, 9
```

```
General Mode Tagged VLANs: 10-11 General Mode Forbidden VLANs: Trunking
```

```
Mode Native VLAN: 1 (default)
```

```
Trunking Mode Native VLAN Tagging: Disabled Trunking Mode VLANs Enabled: All
```

Private VLAN Host Association: none Private VLAN Mapping:

Private VLAN Operational Bindings: Default Priority: 0

Protected: Disabled console#

What VLAN will untagged ingress traffic be assigned?

- A. VLAN 20
- B. VLAN 9
- C. VLAN 10
- D. VLAN 1

Answer: D

Question: 77

Which Dell EMC Networking M-Series 10 GbE switch model supports a VLT?

- A. MXL
- B. M6220
- C. M6348
- D. M8024-K

Answer: A

Question: 78

What is administrative distance value for default static routes?

- A. 0
- B. 1
- C. 10
- D. 20

Answer: B

Question: 79

What accurately describes the Network Time Protocol (NTP)?

- A. Implemented on a Dell EMC Network OS 6.
- B. Time synchronization algorithms do not account for clock drift
- C. Client synchronizes among a set of distributed time servers.
- D. Client makes sudden changes in time to keep synchronized.

Answer: C

Question: 80

What accurately describes the comparison between stacking and VLT?

- A. VLT allows for more physical devices to appear as one virtual device than stacking does.
- B. Stacked switches share a common control plane while VLT peers maintain their own control plane
- C. Stacked switches and VLT peers allow a single pane of glass management by maintaining a single control plane.
- D. Both VLT and stacking allow devices to use different versions of firmware provided that the switch family/series is the same.

Answer: B

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