A. SNMP
B. DNS lookup
C. syslog
D. NTP

Correct Answer: B

QUESTION 179
What are two benefits of controller-based networking compared to traditional networking?

A. Controller-based increases network bandwidth usage, while traditional lightens the load on the network.
B. Controller-based inflates software costs, while traditional decreases individual licensing costs
C. Controller-based reduces network configuration complexity, while traditional increases the potential for errors
D. Controller-based provides centralization of key IT functions. While traditional requires distributes management function
E. Controller-based allows for fewer network failure, while traditional increases failure rates.

Correct Answer: CD
Explanation:
Cisco DNA Center Device Management:

▪ Monitor the cloud for software update
▪ Uses CLI templates to apply a consistent configuration to multiple devices at an individual location
▪ Uses NetFlow to analyse potential security threats throughout the network and take appropriate action on that traffic

Traditional device management:

▪ Manages device configuration on a per-device basis
▪ Security is managed near the perimeter of the network with firewalls, VPNs, and IPS
▪ Implements changes via an SSH terminal

QUESTION 180
DRAG DROP
Drag and drop the IPv6 address type characteristics from the left to the right.

attached to a single subnet		Link-Local Address	
addresses with prefix FC00::/7			
configured only once per interface		Unique Local Address	
addressing for exclusive use internally without Internet routing			

Correct Answer:

attached to a single subnet

addresses with prefix FC00::/7

configured only once per interface

addressing for exclusive use internally without Internet routing

Link-Local Address

addresses with prefix FC00::/7

addressing for exclusive use internally without Internet routing

Unique Local Address

configured only once per interface

attached to a single subnet

QUESTION 181
Which state does the switch port move to when PortFast is enabled?

A. learning
B. forwarding
C. blocking
D. listening

Correct Answer: B

QUESTION 182
Which two capacities of Cisco DNA Center make it more extensible as compared to traditional campus device management? (Choose two)

A. adapters that support all families of Cisco IOS software
B. SDKs that support interaction with third-party network equipment
C. customized versions for small, medium, and large enterprises
D. REST APIs that allow for external applications to interact natively with Cisco DNA Center
E. modular design that is upgradable as needed

Correct Answer: BD
Explanation:
Cisco DNA Center offers 360-degree extensibility through four distinct types of platform capabilities:+ Intent-based APIs leverage the controller and enable business and IT applications to deliver intent to the network and to reap network analytics and insights for IT and business innovation.+ Process adapters, built on integration APIs, allow integration with other IT and network systems to streamline IT operations and processes.+ Domain adapters, built on integration APIs, allow integration with other infrastructure domains such as data center, WAN, and security to deliver a consistent intent-based infrastructure across the entire IT environment.+ SDKs allow management to be extended to third-party vendor's network devices to offer support for diverse environments.

QUESTION 183
Which protocol does an IPv4 host use to obtain a dynamically assigned IP address?

A. ARP

B. DHCP
C. CDP
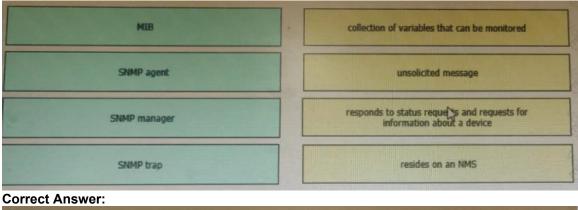D. DNS

Correct Answer: B
Explanation:
https://www.geeksforgeeks.org/how-dhcp-server-dynamically-assigns-ip-address-to-a-host/#:~:text=DHCP%20is%20an%20abbreviation%20for,subnet%20mask%20and%20gateway%20address.

QUESTION 184
DRAG DROP
Drag and drop the SNMP components from the left onto the descriptions on the right.

Correct Answer:

QUESTION 185
Refer to the exhibit. An engineer configured NAT translations and has verified that the configuration is correct. Which IP address is the source IP?

```
R2#show ip nat translations
Pro Inside global      Inside local    Outside local      Outside global
tcp 172.23.104.3:43268 10.4.4.4:43268 172.23.103.10:23 172.23.103.10:23
tcp 172.23.104.4:45507 10.4.4.5:45507 172.23.103.10:80 172.23.103.10:80
```

A. 10.4.4.4
B. 10.4.4.5

C. 172.23.103.10
D. 172.23.104.4

Correct Answer: D
Explanation:
NAT is used to send a packet to the outside network, using a public IP address to make it routable. The NAT logic is "inside-to-outside" FIRST and "outside-to-inside" THEN. This way, configuring NAT means "choosing a public IP address" for any outbound packet" IN THE FIRST PLACE, where "public IP address" translates to "inside global address". Among the given answers, the only inside global address is 172.123.104.4.

QUESTION 186
What does physical access control regulate?

A. access to spec fie networks based on business function
B. access to servers to prevent malicious activity
C. access :o computer networks and file systems
D. access to networking equipment and facilities

Correct Answer: D

QUESTION 187
Which network allows devices to communicate without the need to access the Internet?

A. 1729.0.0/16
B. 172.28.0.0/16
C. 192.0.0.0/8
D. 209.165.201.0/24

Correct Answer: B
Explanation:
The private ranges of each class of IPv4 are listed below:

Class A private IP address ranges from 10.0.0.0 to 10.255.255.255 Class B private IP address ranges from 172.16.0.0 to 172.31.255.255 Class C private IP address ranges from 192.168.0.0 to 192.168.255.255 Only the network 172.28.0.0/16 belongs to the private IP address (of class B).

QUESTION 188
Which QoS Profile is selected in the GUI when configuring a voice over WLAN deployment?

A. Bronze
B. Platinum
C. Silver
D. Gold

Correct Answer: B
Explanation:
https://www.cisco.com/c/en/us/support/docs/wireless-mobility/wireless-lan-wlan/81831-qos-wlc-lap.html

Cisco Unified Wireless Network solution WLANs support four levels of QoS: Platinum/Voice, Gold/Video, Silver/Best Effort (default), and Bronze/Background.

QUESTION 189
Which device performs stateful inspection of traffic?

A. firewall
B. switch
C. access point
D. wireless controller

Correct Answer: A

QUESTION 190
A port security violation has occurred on a switch port due to the maximum MAC address count being exceeded. Which command must be configured to increment the security-violation count and forward an SNMP trap?

A. switchport port-security violation access
B. switchport port-security violation protect
C. switchport port-security violation restrict
D. switchport port-security violation shutdown

Correct Answer: C
Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/25ew/configuration/guide/conf/port_sec.html

QUESTION 191
Which CRUD operation modifies an existing table or view?

A. read
B. create
C. replace
D. update

Correct Answer: D

QUESTION 192
Which type of information resides on a DHCP server?

A. a list of the available IP addresses in a pool
B. a list of public IP addresses and their corresponding names
C. usernames and passwords for the end users in a domain
D. a list of statically assigned MAC addresses

Correct Answer: A

QUESTION 193
Refer to the exhibit. If OSPF is running on this network, how does Router 2 handle traffic from