



Free Cisco 300-430 ENWLSI Practice Questions

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Question 1

Question Type: MultipleChoice

A network engineer is deploying 8865 IP phones with wireless clients connected to them. In order to apply the appropriate QoS, the IP voice traffic needs to be distinguished from client data traffic. Which switch configuration feature must be enabled?

Options:

- A- Voice VLAN
- B- QBSS
- C- WME
- D- QoS routing

Answer:

A

Explanation:

The Voice VLAN feature on switches allows the network to distinguish between voice traffic and data traffic from wireless clients connected to IP phones. This is crucial for applying the appropriate QoS to ensure that voice traffic is prioritized over client data traffic. Reference: CCNP Enterprise Wireless Design ENWLSD 300-425 and Implementation ENWLSI 300-430 Official Cert Guide.

Question 2

Question Type: MultipleChoice

When using a Cisco Catalyst 9800 Series Wireless Controller, which statement about AutoQoS is true?

Options:

- A- It has a set of predefined profiles that you cannot modify further
- B- It matches traffic and assigns each matched packet to QoS groups
- C- It automates deployment of wired QoS and makes wireless QoS implementation easier
- D- It allows the output policy map to put specific QoS queues into specific subgroups

Answer:

C

Explanation:

AutoQoS simplifies the deployment of QoS by automating the process. On the Cisco Catalyst 9800 Series Wireless Controller, AutoQoS takes into account the characteristics of wireless traffic and helps in implementing a consistent QoS policy across both wired and wireless parts of the network. Reference: CCNP Enterprise Wireless Design ENWLSI 300-425 and Implementation ENWLSI 300-430 Official Cert Guide.

Question 3

Question Type: MultipleChoice

The CTO of an organization wants to ensure that all Android devices are placed into a separate VLAN on their wireless network. However, the CTO does not want to deploy ISE. Which feature must be implemented on the Cisco WLC?

Options:

- A- WLAN local policy
- B- RADIUS server overwrite interface
- C- AAA override
- D- custom AVC profile

Answer:

A

Explanation:

To ensure that all Android devices are placed into a separate VLAN on their wireless network without deploying ISE, the feature that must be implemented on the Cisco WLC is "WLAN local policy". This feature allows the network administrator to create policies that can classify and segregate devices based on their operating system, in this case, Android devices, into a designated VLAN. Reference: (CCNP Enterprise Wireless Design ENWLSI 300-425 and Implementation ENWLSI 300-430 Official Cert Guide)

Question 4

Question Type: MultipleChoice

What must be configured on the Global Configuration page of the WLC for an AP to use 802.1x to authenticate to the wired infrastructure?

Options:

- A- local access point credentials
- B- RADIUS shared secret
- C- TACACS server IP address
- D- supplicant credentials

Answer:

B

Explanation:

On the Global Configuration page of a Wireless LAN Controller (WLC), for an Access Point (AP) to use IEEE 802.1X for authenticating to the wired infrastructure, it is necessary to configure a RADIUS shared secret. This secret will be used by the AP as part of its credentials when communicating with a RADIUS server during the authentication process. Reference: (CCNP Enterprise Wireless Design ENWLSD 300-425 and Implementation ENWLSI 300-430 Official Cert Guide)

Question 5

Question Type: MultipleChoice

An engineer is deploying a virtual MSE. The network has 3000 APs and needs 7000 IPS licenses. To which size server does the engineer scale it?

Options:

- A- virtual
- B- standard
- C- high end
- D- low end

Answer:

C

Explanation:

For a network with 3000 APs and 7000 IPS licenses, scaling to a high-end server is appropriate. This will provide the necessary resources and capabilities to support the large number of APs and the extensive licensing requirements for the Intrusion Prevention System.

Question 6

Question Type: MultipleChoice

Refer to the exhibit.

```
policy-map BW_Limit
  class BW_Limit1_AVC_UI_CLASS
    police cir 8000
    conform-action drop
    exceed-action drop
  class BW_Limit1_ADV_UI_CLASS
    set dscp af41
  class BW_Limit2_ADV_UI_CLASS
    police cir 50000
    conform-action transmit
    exceed-action drop
  class class-default
    police cir 100000
    conform-action transmit
    exceed-action drop
```

Refer to the exhibit. A university network administrator notices that wireless guest users consume a significant amount of uplink internet bandwidth in the library, which causes throughput issues on staff SSID. To throttle this bandwidth use, the administrator intends to configure a QoS policy for guests that:

- remarks DSCP 46 to 34
- drops Netflix and YouTube traffic
- rate limits a host specified in an ACL to 50 Kbps
- rate limits all other traffic to 100 Kbps

Which class-map configuration must the administrator implement?

```
class-map match-all BW_Limit1_AVC_UI_CLASS
  match protocol youtube
  match protocol netflix
class-map match-any BW_Limit1_ADV_UI_CLASS
  match dscp af41
class-map match-all BW_Limit1_ADV_UI_CLASS
  match access-group name specifichostACL
```

```
class-map match-all BW_Limit1_AVC_UI_CLASS
  match protocol youtube
  match protocol netflix
class-map match-any BW_Limit1_ADV_UI_CLASS
  match dscp af41
class-map match-all BW_Limit2_ADV_UI_CLASS
  match access-group name specifichostACL
```

```
class-map match-all BW_Limit1_AVC_UI_CLASS
  match protocol youtube
  match protocol netflix
class-map match-any BW_Limit1_ADV_UI_CLASS
  match dscp af34
class-map match-all BW_Limit2_ADV_UI_CLASS
  match access-group name specifichostACL
```

```
class-map match-all BW_Limit1_AVC_UI_CLASS
  match protocol youtube
  match protocol netflix
class-map match-any BW_Limit1_ADV_UI_CLASS
  match dscp ef
class-map match-all BW_Limit2_ADV_UI_CLASS
  match access-group name specifichostACL
```

Options:

-
- A- Option A
 - B- Option B
 - C- Option C
 - D- Option D

Answer:

D

Question 7

Question Type: MultipleChoice

A company has a Cisco wireless solution and uses Cisco ISE to authenticate corporate users using 802.1X. Users must be grouped by endpoints, and a policy profile must be added and then assigned to an identity group. What is the configuration path in the Cisco ISE user interface?

Options:

- A- Policy > Profiling > Profiling Policies > Add
- B- Policy > Policy Elements > Profiling > Add
- C- Policy > Posture > Posture Profile > Add
- D- Policy > Client Provisioning > Client Provisioning Policy > Add

Answer:

A

Question 8

Question Type: MultipleChoice

An engineer must run a Client Traffic Stream Metrics report in Cisco Prime Infrastructure. Which task must be run before the report?

Options:

- A- scheduled report
- B- radio performance
- C- client status
- D- software

Answer:

C

Explanation:

Before running a Client Traffic Stream Metrics report in Cisco Prime Infrastructure, the task that must be run is "client status". This task collects the necessary data regarding the clients' traffic streams, which is then used to generate the report. Reference:= Cisco Prime Infrastructure Reports User Guide



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