

300-430^{Q&As}

Implementing Cisco Enterprise Wireless Networks (ENWLSI)

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QUESTION 1

Refer to the exhibit.

```
*radiusTransportThread: May 20 13:04:02.658: AuthorizationResponse: 0x1489ad70
*radiusTransportThread: May 20 13:04:02.658: structureSize.....577
*radiusTransportThread: May 20 13:04:02.658: resultCode.....0
*radiusTransportThread: May 20 13:04:02.658: protocolUsed.....0x00000001
*radiusTransportThread: May 20 13:04:02.658: proxyState..... 00:0b:0a:0c:0d:0e-02:06
*radiusTransportThread: May 20 13:04:02.658: Packet contains 9 AVPs:
*radiusTransportThread: May 20 13:04:02.658: AVP[01] User-Name.....User1 (11 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[02]
State.....ReauthSession:c0a80a0600000003573f5190 (38 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[03]
Class.....CACs:c0a80a0600000003573f5190:ISE01/253088040/17 (50 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[04] EAP-
Message.....0x038a0004 (59375620) (4 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[05] Message-
Authenticator.....DATA (16 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[06] Cisco / Url-
Redirect.....DATA (133 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[07] Cisco / Url-Redirect-
Acl.....BLACKHOLE (9 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[08] Microsoft / MPPE-Send-
Key.....DATA (32 bytes)
*radiusTransportThread: May 20 13:04:02.658: AVP[09] Microsoft / MPPE-Recv-
Key.....DATA (32 bytes)
*Dot1x_NW_MsgTask_2: May 20 13:04:02.658: 00:0b:0a:0c:0d:0e Applying new AAA override for
station 00:0b:0a:0c:0d:0e
*Dot1x_NW_MsgTask_2: May 20 13:04:02.658: 00:0b:0a:0c:0d:0e Override values for station
94:b1:0a:c2:3a:4a
source: 4, valid bits: 0x0
qosLevel: -1, dscp: 0xffffffff, dot1pTag: 0xffffffff, sessionTimeout: -1
*Dot1x_NW_MsgTask_2: May 20 13:04:02.658: 00:0b:0a:0c:0d:0e Override values (cont..)
dataAvgC: -1, rTAVgC: -1, dataBurstC: -1, rTimeBurstC: -1
vlanIfName: '', vlanId:0, aclName: ', ipv6AclName: ', avcProfileName: '
```

An engineer is troubleshooting a client connectivity issue. The client is in the RUN state, and no traffic is passed after authenticating by using Cisco ISE. Which action resolves the problem?

- A. Configure a different client VLAN after authentication.
- B. Disable the ACL that prevents traffic from being allowed.
- C. Apply a lower WMM QoS.
- D. Enable rate-limiting to the client.

Correct Answer: A

QUESTION 2

For security purposes, an engineer enables CPU ACL and chooses an ACL on the Security > Access Control Lists > CPU Access Control Lists menu. Which kind of traffic does this change apply to, as soon as the change is made?

- A. wireless traffic only
- B. wired traffic only

- C. VPN traffic
- D. wireless and wired traffic

Correct Answer: D

When CPU ACL is enabled, it is applicable to both wireless and wired traffic.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-5/config-guide/b_cg85/access_control_lists.html

QUESTION 3

An engineer must achieve the highest level of location accuracy possible for a new mobile application. Which technology must be implemented for this use case?

- A. Time Difference of Arrival
- B. Bluetooth Low Energy
- C. RSS lateration
- D. ToA lateration

Correct Answer: A

<https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Mobility/WiFiLBSDG/wifich2.html>

QUESTION 4

An engineer is configuring multicast for wireless for an all-company video meeting on a network using EIGRP and BGP within a single domain from a single source. Which type of multicast routing should be implemented?

- A. Protocol Independent Multicast Dense Mode
- B. Source Specific Multicast
- C. Multicast Source Discovery Protocol
- D. Protocol Independent Multicast Sparse Mode

Correct Answer: D

Pim Sparse uses a distributed way to deliver multicast to the devices that asked for this traffic.

In Dense mode the multicast traffic will be flooded out to all devices in periodic time, causing lot of traffic overhead.

QUESTION 5

An engineer must perform a Layer 2 survey for a mining facility. Which type of antenna does the engineer use in the mine shaft?

- A. dipole

B. omnidirectional

C. patch

D. internal

Correct Answer: C

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