

# 300-715<sup>Q&As</sup>

Implementing and Configuring Cisco Identity Services Engine (SISE)

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## QUESTION 1

When creating a policy within Cisco ISE for network access control, the administrator wants to allow different access restrictions based upon the wireless SSID to which the device is connecting. Which policy condition must be used in order to accomplish this?

- A. Network Access NetworkDeviceName CONTAINS
- B. DEVICE Device Type CONTAINS
- C. Radius Called-Station-ID CONTAINS
- D. Airespace Airespace-Wlan-Id CONTAINS

Correct Answer: C

<https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/115734-ise-policies-ssid-00.html>

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## QUESTION 2

An engineer is creating a new authorization policy to give the endpoints access to VLAN 310 upon successful authentication. The administrator tests the 802.1X authentication for the endpoint and sees that it is authenticating successfully. What must be done to ensure that the endpoint is placed into the correct VLAN?

- A. Configure the switchport access vlan 310 command on the switch port
- B. Ensure that the security group is not preventing the endpoint from being in VLAN 310
- C. Add VLAN 310 in the common tasks of the authorization profile
- D. Ensure that the endpoint is using the correct policy set

Correct Answer: C

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## QUESTION 3

Which radius attribute can be used to dynamically assign the inactivity timer for MAB users from the Cisco ISE node?

- A. radius-server timeout
- B. idle-timeout attribute
- C. termination-action attribute
- D. session-timeout attribute

Correct Answer: B

When the inactivity timer is enabled, the switch monitors the activity from authenticated endpoints. When the inactivity timer expires, the switch removes the authenticated session. The inactivity timer for MAB can be statically configured on



the switch port, or it can be dynamically assigned using the RADIUS Idle-Timeout attribute (Attribute 28)

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## QUESTION 4

An organization is hosting a conference and must make guest accounts for several of the speakers attending. The conference ended two days early but the guest accounts are still being used to access the network. What must be configured to correct this?

- A. Create an authorization rule denying sponsored guest access.
- B. Navigate to the Guest Portal and delete the guest accounts.
- C. Create an authorization rule denying guest access.
- D. Navigate to the Sponsor Portal and suspend the guest accounts.

Correct Answer: D

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## QUESTION 5

Which use case validates a change of authorization?

- A. An authenticated, wired EAP-capable endpoint is discovered
- B. An endpoint profiling policy is changed for authorization policy.
- C. An endpoint that is disconnected from the network is discovered
- D. Endpoints are created through device registration for the guests

Correct Answer: B

[https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user\\_guide/ise\\_user\\_guide/ise\\_prof\\_pol.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_user_guide/ise_prof_pol.html)

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## QUESTION 6

An engineer wants to ease the management of endpoint identity groups from the Cisco ISE GUI. From the Identity Management menu in Cisco ISE, the engineer must be able to list the endpoint identity groups with a name that contains Android. Which task must the engineer perform?

- A. Create and save a quick filter with name equals Android as the criteria.
- B. Create an identity group named Android and set the parent group to profiled.
- C. Create and save an advanced filter with name equals Android as the criteria.
- D. Create an identity group named Android and populate the group with Android devices only.

Correct Answer: C

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## QUESTION 7

When configuring Active Directory groups, an administrator is attempting to retrieve a group that has a name that is ambiguous with another group. What must be done so that the correct group is returned?

- A. Use the SID as the identifier for the group.
- B. Configure MAB to utilize one group, and 802.1X to utilize the conflicting group.
- C. Select both groups, and use a TCT pointer to identify the appropriate one.
- D. Utilize MIB entries to identify the desired group.

Correct Answer: A

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## QUESTION 8

An engineer must create an authentication policy in Cisco ISE to allow wired printers that lack support for 802.1X onto the network. What must the RadiusFlowType be set to in the policy to meet the requirement?

- A. MAB
- B. Wired\_MAB
- C. Compliant\_Devices
- D. Compliance\_Unknown\_Devices

Correct Answer: B

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## QUESTION 9

The security team wants to secure the wired network. A legacy printer on the network with the MAC address 00:43:08:50:64:60 does not support 802.1X. Which setting must be enabled in the Allowed Authentication Protocols list in your Authentication Policy for Cisco ISE to support MAB for this MAC address?

- A. MS-CHAPv2
- B. EAP-TLS
- C. PAP
- D. Process Host Lookup

Correct Answer: D

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin\\_guide/b\\_ise\\_admin\\_guide\\_22/b\\_ise\\_admin\\_guide\\_22\\_chapter\\_010010.html#task\\_282816DDB9BA440BAF30EB451FF3445E](https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin_guide/b_ise_admin_guide_22/b_ise_admin_guide_22_chapter_010010.html#task_282816DDB9BA440BAF30EB451FF3445E)

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## QUESTION 10



Refer to the exhibit.

The screenshot shows the 'Edit Node' configuration for 'tim24adm' in the Cisco ISE GUI. The 'General Settings' tab is active, showing fields for Hostname, FQDN, IP Address, and Node Type (Identity Services Engine (ISE)). Below this, the 'Role' is set to 'STANDALONE' with a 'Make Primary' button. Under the 'Monitoring' section, the 'Role' is set to 'PRIMARY'. In the 'Policy Service' section, several checkboxes are visible: 'Enable Session Services' (checked), 'Include Node in Node Group' (set to 'None'), 'Enable Profiling Service' (unchecked), 'Enable Threat Centric NAC Service' (unchecked), 'Enable SXP Service' (checked), 'Enable Device Admin Service' (checked), 'Enable Passive Identity Service' (checked), and 'pxGrid' (unchecked). 'Save' and 'Reset' buttons are at the bottom.

Which checkbox must be enabled to allow Cisco ISE to publish group membership information for active users that can be shared with Cisco Firepower devices?

- A. Enable Passive Identity Service
- B. Enable SXP Service
- C. Enable Device Admin Service
- D. pxGrid

Correct Answer: D

## QUESTION 11

Which compliance status is set when a matching posture policy has been defined for that endpoint, but all the



mandatory requirements during posture assessment are not met?

- A. unauthorized
- B. untrusted
- C. non-compliant
- D. unknown

Correct Answer: C

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### QUESTION 12

What are the minimum requirements for deploying the Automatic Failover feature on Administration nodes in a distributed Cisco ISE deployment?

- A. a primary and secondary PAN and a health check node for the Secondary PAN
- B. a primary and secondary PAN and no health check nodes
- C. a primary and secondary PAN and a pair of health check nodes
- D. a primary and secondary PAN and a health check node for the Primary PAN

Correct Answer: D

In a high availability configuration, the Primary Administration Node (PAN) is in the active state. The Secondary PAN (backup PAN) is in the standby state, which means it receives all configuration updates from the Primary PAN, but is not active in the ISE network.

Cisco ISE supports manual and automatic failover. With automatic failover, when the Primary PAN goes down, an automatic promotion of the Secondary PAN is initiated. Automatic failover requires a non-administration secondary node, which is called a health check node. The health check node checks the health of Primary PAN. If the health detects that the Primary PAN is down or unreachable, the health check node initiates the promotion of the Secondary PAN to take over the primary role.

To deploy the auto-failover feature, you must have at least three nodes, where two of the nodes assume the Administration persona, and one node acts as the health check node. A health check node is a non-administration node and can be a Policy Service, Monitoring, or pxGrid node, or a combination of these. If the PANs are in different data centers, you must have a health check node for each PAN.

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### QUESTION 13

What does a fully distributed Cisco ISE deployment include?

- A. PAN and PSN on the same node while MNTs are on their own dedicated nodes.
- B. PAN and MNT on the same node while PSNs are on their own dedicated nodes.
- C. All Cisco ISE personas on their own dedicated nodes.
- D. All Cisco ISE personas are sharing the same node.



Correct Answer: C

Reference: CCNP Security Identity Management SISE 300-715 Official Cert Guide, Chapter 6, Page 117, Figure 6-4. In a fully distributed deployment each persona is on its own dedicated node. This is the only deployment model that allows you to scale beyond the 5 PSNs.

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin\\_guide/b\\_ISE\\_admin\\_guide\\_24/m\\_setup\\_cisco\\_ise.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_setup_cisco_ise.html)

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## QUESTION 14

An administrator is configuring sponsored guest access using Cisco ISE. Access must be restricted to the sponsor portal to ensure that only necessary employees can issue sponsored accounts and employees must be classified to do so.

What must be done to accomplish this task?

- A. Configure an identity-based access list in Cisco ISE to restrict the users allowed to login
- B. Edit the sponsor portal to only accept members from the selected groups
- C. Modify the sponsor groups assigned to reflect the desired user groups
- D. Create an authorization rule using the Guest Flow condition to authorize the administrators

Correct Answer: C

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## QUESTION 15

What does MAB leverage a MAC address for?

- A. Calling-Station-ID
- B. password
- C. cisco-av-pair
- D. username

Correct Answer: D

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