

300-715^{Q&As}

Implementing and Configuring Cisco Identity Services Engine (SISE)

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QUESTION 1

Which type of identity store allows for creating single-use access credentials in Cisco ISE?

- A. OpenLDAP
- B. Local
- C. PKI
- D. RSA SecurID

Correct Answer: D

Reference: https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_id_stores.html

QUESTION 2

An engineer is adding a new network device to be used with 802.1X authentication. After configuring the device, the engineer notices that no endpoints that connect to the switch are able to authenticate. What is the problem?

- A. The command dot1x system-auth-control is not configured on the switch.
- B. The switch's supplicant is unable to establish a connection to Cisco ISE.
- C. The command dot1x critical vlan 40 is not configured on the switch ports.
- D. The endpoint firewalls are blocking the EAPoL traffic.

Correct Answer: A

QUESTION 3

What does MAB stand for?

- A. MAC Address Binding
- B. MAC Authorization Binding
- C. MAC Authorization Bypass
- D. MAC Authentication Bypass

Correct Answer: D

QUESTION 4

Refer to the exhibit.

Status	Rule Name	Conditions	Results	Command Sets	Shell Profiles	Hits	Actions
Enabled	IT Training	AND - IdentityGroup-Name EQUALS User Identity Group/IT Training - DEVICE Location EQUALS All Locations/Engineering		Control_Only	IT_Training	0	
Enabled	IT Admins	AND - IdentityGroup-Name EQUALS User Identity Group/IT Admins - DEVICE Location EQUALS All Locations/Finance		Control_Only	IT_Admin_Limited	0	
Enabled	Security Engineering	AND - IdentityGroup-Name EQUALS User Identity Group/Security Engineering - DEVICE Location EQUALS All Locations/Engineering		Control_Eng	Sec_Eng_Limited	0	
Enabled	Network Engineering	- IdentityGroup-Name EQUALS User Identity Group/Network Engineering		Control_Eng	Net_Eng_All	0	
Enabled	Default			Control/Commands	Deny All Shell Profile	12	

An organization recently implemented network device administration using Cisco ISE. Upon testing the ability to access all of the required devices, a user in the Cisco ISE group IT Admins is attempting to login to a device in their organization's finance department but is unable to. What is the problem?

- A. The IT training rule is taking precedence over the IT Admins rule.
- B. The authorization conditions wrongly allow IT Admins group no access to finance devices.
- C. The finance location is not a condition in the policy set.
- D. The authorization policy doesn't correctly grant them access to the finance devices.

Correct Answer: D

QUESTION 5

The profiling data from network access devices is sent to which Cisco ISE node?

- A. Monitoring node
- B. Administration node
- C. Inline Posture node
- D. Policy Service node

Correct Answer: D

QUESTION 6

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.

QUESTION 7

A user is attempting to register a BYOD device to the Cisco ISE deployment, but needs to use the onboarding policy to request a digital certificate and provision the endpoint. What must be configured to accomplish this task?

- A. A native supplicant provisioning policy to redirect them to the BYOD portal for onboarding
- B. The Cisco AnyConnect provisioning policy to provision the endpoint for onboarding
- C. The BYOD flow to ensure that the endpoint will be provisioned prior to registering
- D. The posture provisioning policy to give the endpoint all necessary components prior to registering

Correct Answer: A

QUESTION 8

An administrator is adding a switch to a network that is running Cisco ISE and is only for IP Phones. The phones do not have the ability to authenticate via 802.1X. Which command is needed on each switch port for authentication?

- A. dot1x system-auth-control
- B. enable bypass-mac
- C. enable network-authentication
- D. mab

Correct Answer: D

https://www.cisco.com/en/US/docs/ios-xml/ios/sec_usr_aaa/configuration/15-2mt/sec-config-mab.html

QUESTION 9

Which interface-level command is needed to turn on 802 1X authentication?

- A. Dot1x pae authenticator
- B. dot1x system-auth-control
- C. authentication host-mode single-host
- D. aaa server radius dynamic-author

Correct Answer: A

QUESTION 10

Which two events trigger a CoA for an endpoint when CoA is enabled globally for ReAuth? (Choose two.)

- A. endpoint marked as lost in My Devices Portal
- B. addition of endpoint to My Devices Portal
- C. endpoint profile transition from Apple-Device to Apple-iPhone
- D. endpoint profile transition from Unknown to Windows 10-Workstation
- E. updating of endpoint dACL.

Correct Answer: CD

QUESTION 11

An employee must access the internet through the corporate network from a new mobile device that does not support native supplicant provisioning provided by Cisco ISE. Which portal must the employee use to provision to the device?

- A. My Devices
- B. BYOD
- C. Personal Device
- D. Client Provisioning

Correct Answer: A

QUESTION 12

A network engineer is configuring Cisco TrustSec and needs to ensure that the Security Group Tag is being transmitted between two devices. Where in the Layer 2 frame should this be verified?

- A. CMD field
- B. 802.1Q field
- C. Payload
- D. 802.1 AE header

Correct Answer: A

https://www.cisco.com/c/dam/global/en_ca/assets/ciscoconnect/2014/pdfs/policy_defined_segmentation_with_trustsec_rob_bleeker.pdf (slide 25)

QUESTION 13

An engineer must configure Cisco ISE to provide internet access for guests in which guests are required to enter a code to gain network access. Which action accomplishes the goal?

- A. Configure the hotspot portal for guest access and require an access code.
- B. Configure the sponsor portal with a single account and use the access code as the password.
- C. Configure the self-registered guest portal to allow guests to create a personal access code.
- D. Create a BYOD policy that bypasses the authentication of the user and authorizes access codes.

Correct Answer: A

Reference:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_ise_guest.html

QUESTION 14

An administrator is configuring a Cisco ISE posture agent in the client provisioning policy and needs to ensure that the posture policies that interact with clients are monitored, and end users are required to comply with network usage rules. Which two resources must be added in Cisco ISE to accomplish this goal? (Choose two)

- A. AnyConnect
- B. Supplicant
- C. Cisco ISE NAC
- D. PEAP
- E. Posture Agent

Correct Answer: AE

https://www.cisco.com/c/en/us/td/docs/security/vpn_client/anyconnect/anyconnect40/administration/guide/b_AnyConnect_Administrator_Guide4-0/configure-posture.html https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_configure_client_provisioning.html#task_D1C2E8ECE1D54D259C01BCBF0A5822F1

QUESTION 15

An administrator is configuring MAB and needs to create profiling policies to support devices that do not match the built-in profiles. Which two steps must the administrator take in order to use these new profiles in authorization policies? (Choose two.)

- A. Edit the authorization policy to give the profiles as a result of the authentication and authorization results
- B. Use the profiling policies as the matching conditions in each authorization policy
- C. Modify the endpoint identity group to feed the profiling policies into and match the parent group in the policy
- D. Configure the profiling policy to make a matching identity group and use the group in the authorization policy
- E. Feed the profiling policies into a logical profile and use the logical profile in the authorization policy

Correct Answer: BE

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