



300-715^{Q&As}

Implementing and Configuring Cisco Identity Services Engine (SISE)

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**QUESTION 1**

Which two Cisco ISE deployment models require two nodes configured with dedicated PAN and MnT personas? (Choose two.)

- A. three PSN nodes
- B. seven PSN nodes with one PxGrid node
- C. five PSN nodes with one PxGrid node
- D. two PSN nodes with one PxGrid node
- E. six PSN nodes

Correct Answer: AD

QUESTION 2

A network administrator changed a Cisco ISE deployment from pilot to production and noticed that the JVM memory utilization increased significantly. The administrator suspects this is due to replication between the nodes. What must be configured to minimize performance degradation?

- A. Review the profiling policies for any misconfiguration
- B. Enable the endpoint attribute filter
- C. Change the reauthenticate interval.
- D. Ensure that Cisco ISE is updated with the latest profiler feed update

Correct Answer: B

https://www.cisco.com/c/en/us/td/docs/security/ise/2-3/admin_guide/b_ise_admin_guide_23/b_ise_admin_guide_23_chapter_010111.html

QUESTION 3

A network administrator is currently using Cisco ISE to authenticate devices and users via 802.1X. There is now a need to also authorize devices and users using EAP-TLS.

Which two additional components must be configured in Cisco ISE to accomplish this? (Choose two.)

- A. Network Device Group
- B. Serial Number attribute that maps to a CA Server
- C. Common Name attribute that maps to an identity store
- D. Certificate Authentication Profile



E. EAP Authorization Profile

Correct Answer: DE

QUESTION 4

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 5

What must match between Cisco ISE and the network access device to successfully authenticate endpoints?

- A. SNMP version
- B. shared secret
- C. certificate
- D. profile

Correct Answer: B

https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_network_devices.html

QUESTION 6

An organization wants to enable web-based guest access for both employees and visitors. The goal is to use a single portal for both user types.

Which two authentication methods should be used to meet this requirement? (Choose two.)

- A. LDAP
- B. 802.1X
- C. Certificate-based
- D. LOCAL



E. MAC based

Correct Answer: AD

QUESTION 7

A new employee just connected their workstation to a Cisco IP phone. The network administrator wants to ensure that the Cisco IP phone remains online when the user disconnects their Workstation from the corporate network Which CoA configuration meets this requirement?

A. Port Bounce

B. Reauth

C. NoCoA

D. Disconnect

Correct Answer: B

<https://ciscocustomer.lookbookhq.com/iseguidedjourney/ISE-profiling-design>

QUESTION 8

There is a need within an organization for a new policy to be created in Cisco ISE. It must validate that a specific anti-virus application is not only installed, but running on a machine before it is allowed access to the network. Which posture condition should the administrator configure in order for this policy to work?

A. file

B. registry

C. application

D. service

Correct Answer: C

QUESTION 9

Which two values are compared by the binary comparison function in authentication that is based on Active Directory? (Choose 2)

A. subject alternative name and the common name

B. MS-CHAPV2 provided machine credentials and credentials stored in Active Directory

C. user-presented password hash and a hash stored in Active Directory

D. user-presented certificate and a certificate stored in Active Directory



Correct Answer: AD

QUESTION 10

What is a valid guest portal type?

- A. Sponsored-Guest
- B. My Devices
- C. Sponsor
- D. Captive-Guest

Correct Answer: A

Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide_sample_chapter_01111.html

QUESTION 11

Which two configurations are needed on a catalyst switch for it to be added as a network access device in a Cisco ISE that is being used for 802.1X authentications? (Choose two) A. Option A

- ☐ **radius server ISE1**
address ipv4 192.168.255.17 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- ☐ **tacacs server ISE1**
address ipv4 192.168.255.15 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- ☐ **radius server ISE1**
address ipv4 192.168.255.19 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- ☐ **radius server ISE1**
address ipv4 192.168.255.16 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- ☐ **tacacs server ISE1**
address ipv4 192.168.255.18 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52

B. Option B

C. Option C



D. Option D

E. Option E

Correct Answer: AC

QUESTION 12

A network administrator has just added a front desk receptionist account to the Cisco ISE Guest Service sponsor group. Using the Cisco ISE Guest Sponsor Portal, which guest services can the receptionist provide?

- A. Keep track of guest user activities
- B. Configure authorization settings for guest users
- C. Create and manage guest user accounts
- D. Authenticate guest users to Cisco ISE

Correct Answer: C

QUESTION 13

An engineer must use Cisco ISE profiler services to provide network access to Cisco IP phones that cannot support 802.1X. Cisco ISE is configured to use the access switch device sensor information system-description and platform-type to profile Cisco IP phones and allow access. Which two protocols must be configured on the switch to complete the configuration? (Choose two.)

- A. SNMP
- B. EAPOL
- C. LLDP
- D. STP
- E. CDP

Correct Answer: CE

QUESTION 14

When configuring an authorization policy, an administrator cannot see specific Active Directory groups present in their domain to be used as a policy condition. However, other groups that are in the same domain are seen. What is causing this issue?

- A. Cisco ISE only sees the built-in groups, not user created ones
- B. The groups are present but need to be manually typed as conditions
- C. Cisco ISE's connection to the AD join point is failing



D. The groups are not added to Cisco ISE under the AD join point

Correct Answer: D

https://www.youtube.com/watch?v=0kuEZEo564sandab_channel=CiscoISE-IdentityServicesEngine

QUESTION 15

A company manager is hosting a conference. Conference participants must connect to an open guest SSID and only use a preassigned code that they enter into the guest portal prior to gaining access to the network. How should the manager configure Cisco ISE to accomplish this goal?

- A. Create entries in the guest identity group for all participants.
- B. Create an access code to be entered in the AUP page.
- C. Create logins for each participant to give them sponsored access.
- D. Create a registration code to be entered on the portal splash page.

Correct Answer: B

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