

IT-Libraries Q&A



Vendor: Cisco

Exam Code: 300-715

Exam Name: Implementing and Configuring Cisco Identity Services Engine

Note:

The same question can appear multiple times, this is done on purpose in order to make you better understand the answers.

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QUESTION 1

Which personas can a Cisco ISE node assume?

- A. policy service, gatekeeping, and monitoring
- B. administration, monitoring, and gatekeeping
- C. administration, policy service, and monitoring
- D. administration, policy service, gatekeeping

Correct Answer: C

QUESTION 2

What occurs when a Cisco ISE distributed deployment has two nodes and the secondary node is deregistered?

- A. The secondary node restarts.
- B. The primary node restarts.
- C. Both nodes restart.
- D. The primary node becomes standalone.

Correct Answer: C

QUESTION 3

Which two features are available when the primary admin node is down and the secondary admin node has not been promoted? (Choose two.)

- A. new AD user 802.1X authentication
- B. hotspot
- C. posture
- D. guest AUP
- E. BYOD

Correct Answer: BD

QUESTION 4

Which supplicant(s) and server(s) are capable of supporting EAP-CHAINING?

- A. Cisco Secure Services Client and Cisco Access Control Server
- B. Cisco AnyConnect NAM and Cisco Identity Service Engine
- C. Cisco AnyConnect NAM and Cisco Access Control Server
- D. Windows Native Supplicant and Cisco Identity Service Engine

Correct Answer: B

QUESTION 5

What is a requirement for Feed Service to work?

- A. TCP port 8080 must be opened between Cisco ISE and the feed server.
- B. Cisco ISE has access to an internal server to download feed update.
- C. Cisco ISE has a base license.
- D. Cisco ISE has Internet access to download feed update.

Correct Answer: B

QUESTION 6

What is a method for transporting security group tags throughout the network?

- A. by embedding the security group tag in the 802.1Q header
- B. by the Security Group Tag Exchange Protocol
- C. by enabling 802.1AE on every network device
- D. by embedding the security group tag in the IP header

Correct Answer: B

QUESTION 7

How is policy services node redundancy achieved in a deployment?

- A. by creating a node group
- B. by deploying both primary and secondary node
- C. by enabling VIP
- D. by utilizing RADIUS server list on the NAD

Correct Answer: B

QUESTION 8

Which two fields are available when creating an endpoint on the context visibility page of Cisco ISE? (Choose two.)

- A. Security Group Tag
- B. Endpoint Family
- C. Policy Assignment
- D. Identity Group Assignment
- E. IP Address

Correct Answer: CD

QUESTION 9

In which two ways can users and endpoints be classified for TrustSec? (Choose two.)

- A. VLAN
- B. dynamic
- C. QoS
- D. SGACL
- E. SXP

Correct Answer: AD

QUESTION 10

When configuring Active Directory groups, what does the Cisco ISE use to resolve ambiguous group names?

- A. MIB
- B. SID
- C. MAB
- D. TGT

Correct Answer: B

QUESTION 11

Which permission is common to the Active Directory Join and Leave operations?

- A. Remove the Cisco ISE machine account from the domain.
- B. Search Active Directory to see if a Cisco ISE machine account already exists.
- C. Set attributes on the Cisco ISE machine account.
- D. Create a Cisco ISE machine account in the domain if the machine account does not already exist.

Correct Answer: B

QUESTION 12

Which interface-level command is needed to turn on 802.1X authentication?

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

Correct Answer: B

QUESTION 13

Which RADIUS attribute is used to dynamically assign the Inactivity timer for MAB users from the Cisco ISE node?

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

Correct Answer: D

QUESTION 14

What does the dot1x system-auth-control command do?

- A. globally enables 802.1x
- B. causes a network access switch not to track 802.1x sessions
- C. enables 802.1x on a network access device interface
- D. causes a network access switch to track 802.1x sessions

Correct Answer: A

QUESTION 15

What must be configured on the Cisco ISE authentication policy for unknown MAC addresses/identities for successful authentication?

- A. continue
- B. pass
- C. drop
- D. reject

Correct Answer: A

QUESTION 16

Which command displays all 802.1X/MAB sessions that are active on the switch ports of a Cisco Catalyst switch?

- A. show authentication sessions interface Gi1/0/x output
- B. show authentication sessions
- C. show authentication sessions output
- D. show authentication sessions interface Gi 1/0/x

Correct Answer: D

QUESTION 17

What are two requirements of generating a single certificate in Cisco ISE by using a certificate provisioning portal, without generating a certificate signing request? (Choose two.)

- A. Enter the IP address of the device.

- B. Enter the common name.
- C. Choose the hashing method.
- D. Locate the CSV file for the device MAC.
- E. Select the certificate template.

Correct Answer: BE

QUESTION 18

```
Interface: GigabitEthernet2/0/36
MAC Address: 000e.84af.59af
Status: Authz Success
Domain: DATA
Oper host mode: single-host
Authorized By: Authentication Server
Vlan Policy: 10
Handle: 0xE0000000
Runnable methods list:
Method State
dot1x Authc Success
```

Refer to the exhibit. Which command is typed within the CLI of a switch to view the troubleshooting output?

- A. show authentication sessions mac 000e.84af.59af details
- B. show authentication registrations
- C. show authentication interface gigabitethernet2/0/36
- D. show authentication sessions method

Correct Answer: A

QUESTION 19

What gives Cisco ISE an option to scan endpoints for vulnerabilities?

- A. authentication policy
- B. authorization profile
- C. authentication profile
- D. authorization policy

Correct Answer: B

QUESTION 20

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

- A. user-presented certificate and a certificate stored in Active Directory
- 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. subject alternative name and the common name

Correct Answer: D

QUESTION 21

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. Create and manage guest user accounts.
- C. Configure authorization settings for guest users.
- D. Authenticate guest users to Cisco ISE.

Correct Answer: B

QUESTION 22

What is needed to configure wireless guest access on the network?

- A. endpoint already profiled in ISE
- B. WEBAUTH ACL for redirection
- C. Captive Portal Bypass turned on
- D. valid user account in Active Directory

Correct Answer: C

QUESTION 23

Which two methods should a sponsor select to create bulk guest accounts from the sponsor portal? (Choose two.)

- A. Known

- B. Monthly
- C. Daily
- D. Imported
- E. Random

Correct Answer: AE

QUESTION 24

What is a valid guest portal type?

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

Correct Answer: B

QUESTION 25

What is the purpose of the ip http server command on a switch?

- A. It enables the https server for users for web authentication.
- B. It enables dot1x authentication on the switch.
- C. It enables MAB authentication on the switch.
- D. It enables the switch to redirect users for web authentication.

Correct Answer: C

QUESTION 26

Which advanced option within a WLAN must be enabled to trigger Central Web Authentication for Wireless users on AireOS controller?

- A. DHCP server
- B. override Interface ACL
- C. static IP tunneling
- D. AAA override

Correct Answer: D

QUESTION 27

Which configuration is required in the Cisco ISE authentication policy to allow Central Web Authentication?

- A. MAB and if user not found, continue
- B. MAB and if authentication failed, continue
- C. Dot1x and if authentication failed, continue
- D. Dot1x and if user not found, continue

Correct Answer: A

QUESTION 28

What is the minimum certainty factor when creating a profiler policy?

- A. the minimum number that a predefined condition provides
- B. the maximum number that a predefined condition provides
- C. the minimum number that a device certainty factor must reach to become a member of the profile
- D. the maximum number that a device certainty factor must reach to become a member of the profile

Correct Answer: C

QUESTION 29

What sends the redirect ACL that is configured in the authorization profile back to the Cisco WLC?

- A. State attribute
- B. Class attribute
- C. Event
- D. Cisco-av-pair

Correct Answer: D

QUESTION 30

Which profiling probe collects the user-agent string?

- A. DHCP
- B. HTTP
- C. NMAP
- D. AD

Correct Answer: B

QUESTION 31

Which use case validates a change of authorization?

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

Correct Answer: C

QUESTION 32

Which default endpoint identity group does an endpoint that does not match any profile in Cisco ISE become a member of?

- A. blacklist
- B. unknown
- C. whitelist
- D. profiled
- E. endpoint

Correct Answer: B

QUESTION 33

What service can be enabled on the Cisco ISE node to identify the types of devices connecting to a network?

- A. profiling
- B. central web authentication
- C. MAB
- D. posture

Correct Answer: A

QUESTION 34

Which two probes must be enabled for the ARP cache to function in the Cisco ISE profiling service so that a user can reliably bind the IP addresses and MAC addresses of endpoints? (Choose two.)

- A. SNMP
- B. HTTP
- C. RADIUS
- D. DHCP
- E. NetFlow

Correct Answer: CD

QUESTION 35

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

- A. addition of endpoint to My Devices Portal
- B. endpoint marked as lost in My Devices Portal
- C. updating of endpoint dACL
- D. endpoint profile transition from Apple-device to Apple-iPhone
- E. endpoint profile transition from Unknown to Windows10-Workstation

Correct Answer: DE

QUESTION 36

Which two ports do network devices typically use for CoA? (Choose two.)

- A. 19005
- B. 443
- C. 3799
- D. 8080
- E. 1700

Correct Answer: CE

QUESTION 37

Which three default endpoint identity groups does Cisco ISE create? (Choose three.)

- A. endpoint
- B. unknown
- C. blacklist
- D. profiled
- E. whitelist

Correct Answer: BCD

QUESTION 38

Which statement about configuring certificates for BYOD is true?

- A. The SAN field is populated with the end user name.
- B. The CN field is populated with the endpoint host name.
- C. An endpoint certificate is mandatory for the Cisco ISE BYOD.
- D. An Android endpoint uses EST, whereas other operating systems use SCEP for enrollment.

Correct Answer: C

QUESTION 39

During BYOD flow, from where does a Microsoft Windows PC download the Network Setup Assistant?

- A. Microsoft App Store
- B. Cisco App Store
- C. Cisco ISE directly

D. Native OTA functionality

Correct Answer: C

QUESTION 40

What allows an endpoint to obtain a digital certificate from Cisco ISE during a BYOD flow?

- A. Application Visibility and Control
- B. Supplicant Provisioning Wizard
- C. My Devices Portal
- D. Network Access Control

Correct Answer: C

QUESTION 41

Which protocol must be allowed for a BYOD device to access the BYOD portal?

- A. HTTPS
- B. HTTP
- C. SSH
- D. SMTP

Correct Answer: A

QUESTION 42

Which two components are required for creating a Native Supplicant Profile within a BYOD flow? (Choose two.)

- A. Redirect ACL
- B. Connection Type
- C. Operating System
- D. Windows Settings
- E. iOS Settings

Correct Answer: CE

QUESTION 43

If a user reports a device lost or stolen, which portal should be used to prevent the device from accessing the network while still providing information about why the device is blocked?

- A. Client Provisioning
- B. BYOD
- C. Guest
- D. Blacklist

Correct Answer: D

QUESTION 44

Which two endpoint compliance statuses are possible? (Choose two.)

- A. compliant
- B. valid
- C. unknown
- D. known
- E. invalid

Correct Answer: AC

QUESTION 45

Which portal is used to customize the settings for a user to log in and download the compliance module?

- A. Client Provisioning
- B. Client Endpoint
- C. Client Profiling
- D. Client Guest

Correct Answer: A

QUESTION 46

Which Cisco ISE service allows an engineer to check the compliance of endpoints before connecting to the network?

- A. qualys
- B. posture
- C. personas
- D. nexpose

Correct Answer: B

QUESTION 47

Which two ports must be open between Cisco ISE and the client when you configure posture on Cisco ISE? (Choose two.)

- A. TCP 80
- B. TCP 8905
- C. TCP 8443
- D. TCP 8906
- E. TCP 443

Correct Answer: BC

QUESTION 48

What are two components of the posture requirement when configuring Cisco ISE posture? (Choose two.)

- A. Client Provisioning portal
- B. remediation actions
- C. updates
- D. access policy
- E. conditions

Correct Answer: BE

QUESTION 49

Which term refers to an endpoint agent that tries to join an 802.1X-enabled network?

- A. EAP server
- B. authenticator
- C. supplicant
- D. client

Correct Answer: C

QUESTION 50

Which port does Cisco ISE use for native supplicant provisioning of a Windows laptop?

- A. TCP 8905
- B. TCP 8909
- C. TCP 443
- D. UDP 1812

Correct Answer: B

QUESTION 51

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

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

Correct Answer: A

QUESTION 52

Which two task types are included in the Cisco ISE common tasks support for TACACS+ profiles? (Choose two.)

- A. ASA
- B. Firepower
- C. Shell
- D. WLC
- E. IOS

Correct Answer: CD

QUESTION 53

What are two benefits of TACACS+ versus RADIUS for device administration? (Choose two.)

- A. TACACS+ has command authorization, and RADIUS does not.
- B. TACACS+ uses UDP, and RADIUS uses TCP.
- C. TACACS+ supports 802.1X, and RADIUS supports MAB.
- D. TACACS+ provides the service type, and RADIUS does not.
- E. TACACS+ encrypts the whole payload, and RADIUS encrypts only the password.

Correct Answer: AE

QUESTION 54

Which two features must be used on Cisco ISE to enable the TACACS+ feature? (Choose two.)

- A. Command Sets
- B. Server Sequence
- C. Device Administration License
- D. External TACACS Servers
- E. Device Admin Service

Correct Answer: CE

QUESTION 55

Which are two characteristics of TACACS+? (Choose two.)

- A. It separates authorization and authentication functions.
- B. It combines authorization and authentication functions.
- C. It uses UDP port 49.
- D. It encrypts the password only.

E. It uses TCP port 49.

Correct Answer: AE

QUESTION 56

A user reports that the RADIUS accounting packets are not being seen on the Cisco ISE server. Which command is the user missing in the switch's configuration?

- A. aaa accounting resource default start-stop group radius
- B. radius-server vsa send accounting
- C. aaa accounting network default start-stop group radius
- D. aaa accounting exec default start-stop group radius

Correct Answer: B

QUESTION 57

Which two responses from the RADIUS server to NAS are valid during the authentication process? (Choose two.)

- A. access-challenge
- B. access-accept
- C. access-request
- D. access-reserved
- E. access-response

Correct Answer: AB

QUESTION 58

What is a characteristic of the UDP protocol?

- A. UDP can detect when a server is down.
- B. UDP can detect when a server is slow.
- C. UDP offers best-effort delivery.
- D. UDP offers information about a non-existent server.

Correct Answer: C

QUESTION 59

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Correct Answer: A

QUESTION 63

Which three default endpoint identity groups does Cisco ISE create? (Choose three.)

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How is policy services node redundancy achieved in a deployment?

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Correct Answer: B