500-254 45 Questions Implementing and Configuring Cisco Identity Service Engine

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Question 1
Which option represents the default action or actions that ISE 1.x 1.0 takes when the endpoint usage count exceeds licensed endpoint values?
A. block all traffic
B. block all traffic, and generate alarms
C. do not block traffic, and generate an INFO, WARNING, or CRITICAL alarm
D. do not take any action
Correct Answer: C
Explanation/Reference:
Explanation:

Question 2
Which of these is NOT a Cisco ISE deployment recommendation?
A. Create a secondary Administration node before adding a Policy Service node.
B. Ensure that node groups are L2-adjacent.
C. Profiling requires maintenance of L3 information.
D. Avoid installing Policy Service and Monitoring personas on the same node.
Correct Answer: C
Explanation/Reference:
Explanation:

Question 3
Which three client provisioning policies can an administrator create to provision different resources? (Choose three.)
A. endpoint operating system
B. user identity group
C. dictionary-based conditions
D. certificates
Correct Answer: ABC
Explanation/Reference:
Explanation:

Question 4
Which of these is not a method that is used to obtain Cisco ISE profiling data?
A. NetFlow
B. DNS
C. RADIUS
D. QoS
E. active scans
F. SNMP query
Correct Answer: D
Explanation/Reference:
Explanation:

Question 5
Which Cisco ISE component intercepts HTTP and HTTPS requests and redirects them to the Guest User Portal?
Which Cisco ISE component intercepts HTTP and HTTPS requests and redirects them to the Guest User Portal?
A. Policy Service node
B. Administration node
C. Monitoring node
D. network access device

Correct Answer: D
Explanation/Reference: 
Explanation: 

Question 6
Which element is not included in the redirect URL?
Which element is not included in the redirect URL?
A. hostname
B. port
C. ACL
D. session ID
E. action

Correct Answer: C
Explanation/Reference: 
Explanation: 

Question 7
Client provisioning resources can be added into the Cisco ISE Administration node from which three of these? 
Client provisioning resources can be added into the Cisco ISE Administration node from which three of these? (Choose three.)
A. www.cisco.com
B. local disk
C. Posture Agent Profile
D. FTP
E. TFTP

Correct Answer: ABC
Explanation/Reference: 
Explanation: 

Question 8
Which three conditions can be used for posture checking?
Which three conditions can be used for posture checking? (Choose three.)
A. application
B. operating system
C. file
D. certificate
E. service

Correct Answer: ACE
Explanation/Reference: 
Explanation: 

Question 9
Which three of these are viable endpoint posture compliance statuses?
Which three of these are viable endpoint posture compliance statuses? (Choose three.)
A. unknown
B. infected
C. clean
D. compliant
E. noncompliant
F. quarantine

Correct Answer: ADE
Explanation/Reference: 
Explanation: 

Question 10
What are the Cisco ISE posture building blocks?
What are the Cisco ISE posture building blocks?
A. posture check, posture rules, posture requirement, role requirements
B. posture condition, compound posture condition, posture requirements, posture policy
C. network access devices, Policy Service node, Administration node
D. posture condition, posture rules, role requirements

Correct Answer: B
Explanation/Reference:

**Question 11**
Which two statements are correct regarding Cisco ISE Guest Services?

Which two statements are correct regarding Cisco ISE Guest Services? (Choose two.)
A. Guest portals must be located on the same secondary node where Cisco ISE network access is configured to handle RADIUS requests in the NAD.
B. A guest administration user interface action can be made from the primary and secondary administration interfaces.
C. The configuration mode for guest services can be different for each node in the deployment.
D. Multiportal uploads to the primary node are replicated to the secondary node and installed as part of the standard data replication system.

Correct Answer: AD
Explanation/Reference:

**Question 12**
Which two statements are correct about Change of Authorization?

Which two statements are correct about Change of Authorization? (Choose two.)
A. Different Change of Authorization types of action can be set based on authorization policy.
B. Change of Authorization exception actions are configured globally in Cisco ISE.
C. Port bounce, reauth, and port shun are supported Change of Authorization types in Cisco ISE.
D. No CoA, port bounce, and reauth are supported Change of Authorization types in Cisco ISE.

Correct Answer: BD
Explanation/Reference:

**Question 13**
How are access control lists implemented on a Cisco WLC in a Cisco ISE authorization policy?

How are access control lists implemented on a Cisco WLC in a Cisco ISE authorization policy?
A. Dynamic access lists are configured in Cisco ISE.
B. Named access lists are configured in Cisco ISE.
C. Named access lists are pushed down to the WLC.
D. Named access lists are configured on the WLC.

Correct Answer: D
Explanation/Reference:

**Question 14**
Which statement is correct with regards to the Multiple Matched rule?
Refer to the exhibit.

The authorization policy is using “Multiple Matched Rule Applies” for rule matching.
ProfileA = VLAN attribute 10
ProfileB = DACL = Employee, Voice DomainPermission = TRUE

Which statement is correct with regards to the Multiple Matched rule?
A. The Multiple Matched rule is not supported in Cisco ISE.
B. If both Rule 1 and Rule 2 are matched based on the conditions, the switch port will only receive VLAN attribute 10.
C. If both Rule 1 and Rule 2 are matched based on the conditions, the switch port will receive VLAN attribute 10, DACL = Employee, Voice DomainPermission = TRUE.
D. If both Rule 1 and Rule 2 are matched based on the conditions, the switch port will only receive DACL = Employee, Voice DomainPermission = TRUE.
Question 15
Which two statements are true about identity groups and their use in an authorization policy? Refer to the exhibit.

Which two statements are true about identity groups and their use in an authorization policy? (Choose two.)
A. Only user identity groups can be created in Cisco ISE.
B. User identity groups can reference internal and external stores.
C. The Whitelist identity group that is shown in the exhibit can be used to contain MAC addresses that are statically entered into Cisco ISE.
D. The Whitelist identity group is one of the predefined identity groups in Cisco ISE.
E. Identity groups can only reference internal endpoints and users in the local database.

Correct Answer: CE
Explanation/Reference:
Explanation:

Question 16
Which two statements about the exhibit are true? Refer to the exhibit.

Which two statements about the exhibit are true? (Choose two.)
A. The default behavior is shown in the exhibit.
B. The default behavior should be Continue/Continue/Continue.
C. If Continue/Continue/Continue is configured, the endpoint is allowed on the network.
D. The default Identity Source is shown in the exhibit.

Correct Answer: AD
Explanation/Reference:
Explanation:

Question 17
Which of these is not a default behavior of Cisco ISE 1.1, with respect to authentication, when a user connects to a switch port that is configured for 802.1X, MAB, and web authentication?

Which of these is not a default behavior of Cisco ISE 1.1, with respect to authentication, when a user connects to a switch port that is configured for 802.1X, MAB, and web authentication?
A. MAB uses internal endpoints for retrieving identity.
B. 802.1X uses internal users for retrieving identity.
C. Central WebAuth relies on MAB for initial port authentication.
D. Authentication fails if there is no matching policy.

Correct Answer: C
Explanation/Reference:
Explanation:
Correct Answer: A
Explanation/Reference: Explanation:

**Question 18**
Which network information device sensor is sending in the RADIUS accounting packet?
Which network information device sensor is sending in the RADIUS accounting packet?
A. DHCP
B. HTTP
C. LLDP
D. CDP

Correct Answer: A
Explanation/Reference: Explanation:

**Question 19**
Which URL should you enter into the SCEP Certificate Authority profile to enable Native Supplicant Provisioning?
Which URL should you enter into the SCEP Certificate Authority profile to enable Native Supplicant Provisioning?
A. http://[ise-server-name/IP]/mscep/mscep.dll
B. http://[ise-server-name/IP]/mscep/scep.dll
C. http://[ise-server-name/IP]/certsrv/scep/scep.dll
D. http://[ise-server-name/IP]/certsrv/mscep/mscep.dll

Correct Answer: D
Explanation/Reference: Explanation:

**Question 20**
Which three encryption policies does MACsec support? (Choose three.)
A. always-secure
B. must-secure
C. should-secure
D. never-secure
E. must-not-secure

Correct Answer: BCE
Explanation/Reference: Explanation:

**Question 21**
Which two EAP authentication methods require only a server certificate? (Choose two.)
A. EAP-TLS
B. EAP-FAST
C. EAP-GTC
D. EAP-MD5
E. PEAP-MS-CHAPv2

Correct Answer: CE
Explanation/Reference: Explanation:

**Question 22**
What is the recommended time zone for Cisco ISE installations?
A. customer local time zone
B. customer headquarters time zone
C. Pacific time
D. Coordinated Universal Time

Correct Answer: D
Explanation/Reference: Explanation:
Question 23
What is the default period for Cisco ISE to automatically purge expired guest accounts?
A. immediately after expiration
B. 1 day
C. 7 days
D. 15 days
E. 30 days
Correct Answer: D
Explanation/Reference:

Question 24
The 802.1X protocol supports which two port types? (Choose two.)
A. Layer 2 access port
B. trunk port
C. dynamic port
D. Layer 3 access port
E. EtherChannel port
Correct Answer: AD
Explanation/Reference:

Question 25
Which statement is true about 802.1X closed mode?
A. It is the default configuration of an 802.1X-enabled switch port.
B. Only EAPOL traffic is allowed until the authentication process is finished.
C. DNS and DHCP are allowed before authentication.
D. Cisco Discovery Protocol is allowed before authentication.
E. Only EAPOL and Cisco Discovery Protocol are allowed until the authentication process completes.
Correct Answer: D
Explanation/Reference:

Question 26
Which two commands are needed to configure 802.1X open mode? (Choose two.)
A. authentication event
B. authentication host-mode multi-auth
C. authentication host-mode single domain
D. authentication open
Correct Answer: BD
Explanation/Reference:

Question 27
Which global command is used to activate 802.1X on a switch?
A. dot1x enable
B. dot1x system-auth-control
C. dot1x service start
D. dot1x switchport enable
Correct Answer: B
Explanation/Reference:

Question 28
What is the limit of groups that Cisco ISE can retrieve from an Active Directory?
A. 10
Question 29
Which two dictionary groups does Cisco ISE provide?
Which two dictionary groups does Cisco ISE provide? (Choose two.)
A. system-defined
B. RADIUS vendor
C. RADIUS IETF
D. user-defined
E. LDAP
F. Active Directory

Correct Answer: AD
Explanation/Reference:
Explanation:

Question 30
Which Authentication Policy option should be selected for MAB rule to support Central Web Auth?
Which Authentication Policy option should be selected for MAB rule to support Central Web Auth?
A. Accept
B. Reject
C. Continue
D. Drop

Correct Answer: C
Explanation/Reference:
Explanation:

Question 31
Which three network information items are required to set up Cisco ISE?
Which three network information items are required to set up Cisco ISE? (Choose three.)
A. primary name server
B. secondary name server
C. Network Time Protocol server
D. hostname
E. IP address and netmask of the Gigabit Ethernet 1 interface

Correct Answer: ACD
Explanation/Reference:
Explanation:

Question 32
Which port does not need to be open?
If there is a firewall between Cisco ISE and an Active Directory external identity store, which port does not need to be open?
A. TCP 88
B. TCP 445
C. UDP 53
D. UDP 123
E. UDP/TCP 389

Correct Answer: C
Explanation/Reference:
Explanation:

Question 33
What is the default authorization rule in Cisco ISE?
What is the default authorization rule in Cisco ISE?
A. permit all access
B. deny all access
C. redirect users to CWA
Question 34
Which three features require accurate time?
Which three features require accurate time? (Choose three.)
A. EAP-TLS-based authentication
B. EAP-MS-CHAPv2-based authentication
C. accurate posture assessment results
D. Active Directory integration
E. consistent profiling data collection
F. accurate and reliable logging
Correct Answer: ADF
Explanation/Reference:
Explanation:

Question 35
What are the three default Cisco ISE identity user groups?
What are the three default Cisco ISE identity user groups? (Choose three.)
A. employee
B. contractor
C. activated guest
D. guest
E. sponsor
Correct Answer: ACD
Explanation/Reference:
Explanation:

Question 36
Which of these is NOT a high-availability option that is available for Cisco ISE deployments?
Which of these is NOT a high-availability option that is available for Cisco ISE deployments?
A. In the event of failure of the Primary Administration node, the standby instance automatically becomes active.
B. In the event of failure of the Primary Monitoring node, the standby instance automatically becomes active.
C. Clustering of Policy Service nodes to provide N+1 redundancy
D. Stateless failover of Inline Posture nodes
Correct Answer: A
Explanation/Reference:
Explanation:

Question 37
Where is the license installed within Cisco ISE deployment?
Where is the license installed within Cisco ISE deployment?
A. A license is installed on the Policy Service node within ISE deployment.
B. A license is installed on the primary or secondary Administration node within ISE deployment.
C. A license is installed only on the primary Administration node within ISE deployment.
D. A license is preinstalled for ISE deployment.
Correct Answer: C
Explanation/Reference:
Explanation:

Question 38
What are two methods to verify that Cisco ISE is properly connected to AD?
What are two methods to verify that Cisco ISE is properly connected to AD? (Choose two.)
A. Use the Test Connection feature in the Cisco ISE External Identity Sources Active Directory.
B. View the Active Directory Log /opt/CSCOcmp/logs/ad_agent.log.
C. Use the ISE Dashboard Summary alarms.
D. Use ktpass to determine if the Kerberos ticket is valid.
Correct Answer: AB
Explanation/Reference:
Question 39
What is the Cisco ISE default admin login name and password?
A. admin/admin
B. admin/cisco
C. ISEAdmin/admin
D. admin/no default password–the admin password is configured at setup

Correct Answer: D

Explanation:

Question 40
What is the process for Cisco ISE to obtain a signed certificate from a CA?
A. Request a certificate from the CA, and import the CA-signed certificate into ISE.
B. Generate a CSR; download the certificate from the CA; bind the CA-signed certificate with its private key, and import the CA-signed certificate into ISE.
C. Generate a CSR; export the CSR to the local file system and send to the CA; download the certificate from the CA, and bind the CA-signed certificate with its private key.
D. Submit a CSR to the CA; download the certificate from the CA; bind the CA-signed certificate with its private key, and import the CA-signed certificate into ISE.

Correct Answer: C

Explanation:

Question 41
Inline Posture nodes support which enforcement mechanisms?
A. VLAN assignment
B. downloadable ACLs
C. security group access
D. dynamic ACLs

Correct Answer: B

Explanation:

Question 42
Which role or roles enabled by default?
The default Cisco ISE node configuration has which role or roles enabled by default?
A. Administration only
B. Inline Posture only
C. Administration and Policy Service
D. Policy Service, Monitoring, and Administration

Correct Answer: D

Explanation:

Question 43
Which statement is correct about Change of Authorization?
A. Change of Authorization is a fundamental component of Cisco TrustSec and Cisco ISE.
B. Change of Authorization can be triggered dynamically based on a matched condition in a policy, and manually by being invoked by an administrator operation.
C. It is possible to trigger Change of Authorization manually from the ISE interface.
D. Authentication is the supported Change of Authorization action type.

Correct Answer: D

Explanation:
Question 44
Which three Cisco TrustSec enforcement modes are used to help protect network operations when securing the network? (Choose three.)
A. logging mode
B. monitor mode
C. semi-passive mode
D. low-impact mode
E. closed mode

Correct Answer: BDE
Explanation/Reference:
Explanation:

Question 45
Which two elements must you configure on a Cisco Wireless LAN Controller to allow Cisco ISE to authenticate wireless users? (Choose two.)
A. Configure Cisco ISE as a RADIUS authentication server and enter a shared secret.
B. Configure Cisco ISE as a RADIUS accounting server and enter a shared secret.
C. Configure all attached LWAPs to use the configured Cisco ISE node.
D. Configure RADIUS attributes for each SSID.
E. Configure each WLAN to use the configured Cisco ISE node.
F. Configure the Cisco Wireless LAN Controller to join a Microsoft Active Directory domain.

Correct Answer: AE
Explanation/Reference:
Explanation: