Exam Questions 300-715

Implementing and Configuring Cisco Identity Services Engine (SISE)

https://www.2passeasy.com/dumps/300-715/

NEW QUESTION 1
Select and Place

Administration	oroides advanced troubleshooting tools that can be used to effectively manage the network and resources
Policy Service	shares context sensitive information from Cisco ISE to subscenes
Monitoring	manages all system-related configuration and configurations that relate to functionality such as authentication automation, and auditing
pxGrid	provides network access, posture, guest access, client provisioning and profiling services, and evaluates the policies to make all decisions

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Administration	Monitoring
Policy Service	pxGrid
Monitoring	Administration
pxGrid	Policy Service

NEW QUESTION 2
What should be considered when configuring certificates for BYOD?

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

Answer: A

NEW QUESTION 3
An engineer is designing a new distributed deployment for Cisco ISE in the network and is considering failover options for the admin nodes. There is a need to ensure that an admin node is available for configuration of policies at all times. What is the requirement to enable this feature?

A. one primary admin and one secondary admin node in the deployment
B. one policy services node and one secondary admin node
C. one policy services node and one monitoring and troubleshooting node
D. one primary admin node and one monitoring and troubleshooting node

Answer: A

NEW QUESTION 4
An engineer is testing Cisco ISE policies in a lab environment with no support for a deployment server. In order to push supplicant profiles to the workstations for testing, firewall ports will need to be opened. From which Cisco ISE persona should this traffic be originating?

A. monitoring
B. policy service
C. administration
D. authentication

Answer: B

NEW QUESTION 5
An engineer needs to configure Cisco ISE Profiling Services to authorize network access for IP speakers that require access to the intercom system. This traffic needs to be identified if the ToS bit is set to 5 and the destination IP address is the intercom system. What must be configured to accomplish this goal?

A. NMAP
B. NETFLOW
C. pxGrid
D. RADIUS

Answer: B

NEW QUESTION 6
During a 802 1X deployment, an engineer must identify failed authentications without causing problems for the connected endpoint. Which command will successfully achieve this"

A. dot1x system-auth-control
B. dot1x pae authenticator
C. authentication open
D. authentication port-control auto

Answer: C

NEW QUESTION 7
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

Answer: C

NEW QUESTION 8
Which two actions occur when a Cisco ISE server device administrator logs in to a device? (Choose two)

A. The device queries the internal identity store
B. The Cisco ISE server queries the internal identity store
C. The device queries the external identity store
D. The Cisco ISE server queries the external identity store.
E. The device queries the Cisco ISE authorization server

Answer: AD

NEW QUESTION 9
An administrator is troubleshooting an endpoint that is supposed to bypass 802 1X and use MAB. The endpoint is bypassing 802.1X and successfully getting network access using MAB. however the endpoint cannot communicate because it cannot obtain an IP address. What is the problem?

A. The DHCP probe for Cisco ISE is not working as expected.
B. The 802.1 X timeout period is too long.
C. The endpoint is using the wrong protocol to authenticate with Cisco ISE.
D. An AC I on the port is blocking HTTP traffic

Answer: B

NEW QUESTION 10
An administrator enables the profiling service for Cisco ISE to use for authorization policies while in closed mode. When the endpoints connect, they receive limited access so that the profiling probes can gather information and Cisco ISE can assign the correct profiles. They are using the default values within Cisco ISE. but the devices do not change their access due to the new profile. What is the problem'?

A. In closed mode, profiling does not work unless CDP is enabled.
B. The profiling probes are not able to collect enough information to change the device profile
C. The profiler feed is not downloading new information so the profiler is inactive
D. The default profiler configuration is set to No CoA for the reauthentication setting

Answer: D

NEW QUESTION 10
Which two endpoint compliance statuses are possible? (Choose two.)

A. unknown
B. known
C. invalid
D. compliant

E. valid

Answer: AD

NEW QUESTION 12
An administrator needs to give the same level of access to the network devices when users are logging into them using TACACS+ However, the administrator must restrict certain commands based on one of three user roles that require different commands How is this accomplished without creating too many objects using Cisco ISE?

A. Create one shell profile and multiple command sets.
B. Create multiple shell profiles and multiple command sets.
C. Create one shell profile and one command set.
D. Create multiple shell profiles and one command set

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide
https://www.youtube.com/watch?v=IlZwB71Szog&ab_channel=JasonMaynard

NEW QUESTION 17
What is the deployment mode when two Cisco ISE nodes are configured in an environment?

A. distributed
B. active
C. standalone
D. standard

Answer: A

NEW QUESTION 18
An engineer is working with a distributed deployment of Cisco ISE and needs to configure various network probes to collect a set of attributes from the used to accomplish this task?

A. policy service
B. monitoring
C. pxGrid
D. primary policy administrator

Answer: B

NEW QUESTION 21
What does the dot1x system-auth-control command do?

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

Answer: B

Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/XE3-8-0E/15-24E/configuration/guide/xe-380

NEW QUESTION 22
Which two probes must be enabled for the ARP cache to function in the Cisco ISE profile service so that a user can reliably bind the IP address and MAC addresses of endpoints? (Choose two.)

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

Answer: DE

Explanation:
Cisco ISE implements an ARP cache in the profiling service, so that you can reliably map the IP addresses and the MAC addresses of endpoints. For the ARP cache to function, you must enable either the DHCP probe or the RADIUS probe. The DHCP and RADIUS probes carry the IP addresses and the MAC addresses of endpoints in the payload data. The dhcp-requested address attribute in the DHCP probe and the Framed-IP-address attribute in the RADIUS probe carry the IP addresses of endpoints, along with their MAC addresses, which can be mapped and stored in the ARP cache.
https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide

NEW QUESTION 27
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

Answer: AE

Explanation:
 https://www.cisco.com/c/en/us/td/docs/security/vpn_client/anyconnect/anyconnect40/administration/guide/b_An
https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_configure_clie

NEW QUESTION 29
Which Cisco ISE solution ensures endpoints have the latest version of antivirus updates installed before being allowed access to the corporate network?

A. Threat Services
B. Profiling Services
C. Provisioning Services
D. Posture Services

Answer: D

NEW QUESTION 32
An engineer is configuring the remote access VPN to use Cisco ISE for AAA and needs to conduct posture checks on the connecting endpoints After the endpoint connects, it receives its initial authorization result and continues onto the compliance scan What must be done for this AAA configuration to allow compliant access to the network?

A. Configure the posture authorization so it defaults to unknown status
B. Fix the CoA port number
C. Ensure that authorization only mode is not enabled
D. Enable dynamic authorization within the AAA server group

Answer: D

NEW QUESTION 37
An administrator is adding network devices for a new medical building into Cisco ISE. These devices must be in a network device group that is identifying them as "Medical Switch" so that the policies can be made separately for the endpoints connecting through them. Which configuration item must be changed in the network device within Cisco ISE to accomplish this goal?

A. Change the device type to Medical Switch.
B. Change the device profile to Medical Switch.
C. Change the model name to Medical Switch.
D. Change the device location to Medical Switch.

Answer: A

NEW QUESTION 41
When setting up profiling in an environment using Cisco ISE for network access control, an organization must use non-proprietary protocols for collecting the information at layer 2. Which two probes will provide this information without forwarding SPAN packets to Cisco ISE? {Choose two.)

A. DHCP SPAN probe
B. SNMP query probe
C. NetFlow probe
D. RADIUS probe
E. DNS probe

Answer: BD

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

NEW QUESTION 45
Refer to the exhibit.

```
Switch(config)# aaa new-model
Switch(config)# aaa authentication dot1x default group radius
Switch(config)# aaa authorization network default group radius
```

A network engineers configuring the switch to accept downloadable ACLs from a Cisco ISC server Which two commands should be run to complete the configuration? (Choose two)

A. aaa authorization auth-proxy default group radius
B. radius server vsa sand authentication

C. radius-server attribute 8 include-in-access-req
D. ip device tracking
E. dot1x system-auth-control

Answer: BC

NEW QUESTION 50
Refer to the exhibit:

```
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
```

Which command is typed within the CU 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 gigabitethemet2/0/36
D. show authentication sessions method

Answer: A

NEW QUESTION 53
What is a valid guest portal type?

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

Answer: A

NEW QUESTION 55
An administrator must block access to BYOD endpoints that were onboarded without a certificate and have been reported as stolen in the Cisco ISE My Devices Portal. Which condition must be used when configuring an authorization policy that sets DenyAccess permission?

A. Endpoint Identity Group is Blocklist, and the BYOD state is Registered.
B. Endpoint Identify Group is Blocklist, and the BYOD state is Pending.
C. Endpoint Identity Group is Blocklist, and the BYOD state is Lost.
D. Endpoint Identity Group is Blocklist, and the BYOD state is Reinstate.

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin_guide/b_ISE_26_admin_guide/b_ISE_admin_26_

NEW QUESTION 60
Which two responses from the RADIUS server to NAS are valid during the authentication process? (Choose two)

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

Answer: BD

NEW QUESTION 64
An administrator made changes in Cisco ISE and needs to apply new permissions for endpoints that have already been authenticated by sending a CoA packet to the network devices. Which IOS command must be configured on the devices to accomplish this goal?

A. aaa server radius dynamic-author
B. authentication command bounce-port
C. authentication command disable-port
D. aaa nas port extended

Answer: A

NEW QUESTION 66
Drag and drop the configuration steps from the left into the sequence on the right to install two Cisco ISE nodes in a distributed deployment.

Register the secondary node.	1
Define personas for the secondary node.	2
Enable Administration and Monitoring personas on the first node.	3
Configure the first node as the primary node.	4

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 69
Refer to the exhibit. An engineer is creating a new TACACS* command set and cannot use any show commands after togging into the device with this command set authorization Which configuration is causing this issue?

A. Question marks are not allowed as wildcards for command sets.
B. The command set is allowing all commands that are not in the command list
C. The wildcard command listed is in the wrong format
D. The command set is working like an ACL and denying every command.

Answer: A

NEW QUESTION 70
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

Answer: CD

NEW QUESTION 75
Which command displays all 802 1X/MAB sessions that are active on the switch ports of a Cisco Catalyst switch?

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

Answer: B

NEW QUESTION 80
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

Answer: C

NEW QUESTION 83
An administrator is configuring posture assessment in Cisco ISE for the first time. Which two components must be uploaded to Cisco ISE to use Anyconnect for the agent configuration in a client provisioning policy? (Choose two.)

A. Anyconnect network visibility module
B. Anyconnect compliance module
C. AnyConnectProfile.xml file

D. AnyConnectProfile.xsd file
E. Anyconnect agent image

Answer: BD

NEW QUESTION 87
The IT manager wants to provide different levels of access to network devices when users authenticate using TACACS+. The company needs specific commands to be allowed based on the Active Directory group membership of the different roles within the IT department. The solution must minimize the number of objects created in Cisco ISE. What must be created to accomplish this task?

A. one shell profile and one command set
B. multiple shell profiles and one command set
C. one shell profile and multiple command sets
D. multiple shell profiles and multiple command sets

Answer: C

NEW QUESTION 90
What happens when an internal user is configured with an external identity store for authentication, but an engineer uses the Cisco ISE admin portal to select an internal identity store as the identity source?

A. Authentication is redirected to the internal identity source.
B. Authentication is redirected to the external identity source.
C. Authentication is granted.
D. Authentication fails.

Answer: D

NEW QUESTION 95
A network security engineer needs to configure 802.1X port authentication to allow a single host to be authenticated for data and another single host to be authenticated for voice. Which command should the engineer run on the interface to accomplish this goal?

A. authentication host-mode single-host
B. authentication host-mode multi-auth
C. authentication host-mode multi-host
D. authentication host-mode multi-domain

Answer: D

NEW QUESTION 97
Which are two characteristics of TACACS+? (Choose two)

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

Answer: AC

NEW QUESTION 101
A network administrator is configuring authorization policies on Cisco ISE There is a requirement to use AD group assignments to control access to network resources After a recent power failure and Cisco ISE rebooting itself, the AD group assignments no longer work What is the cause of this issue?

A. The AD join point is no longer connected.
B. The AD DNS response is slow.
C. The certificate checks are not being conducted.
D. The network devices ports are shut down.

Answer: A

Explanation:
https://www.cisco.com/c/en/us/td/docs/security/ise/2-3/ise_active_directory_integration/b_ISE_AD_integration_

NEW QUESTION 103
An administrator connects an HP printer to a dot1x enable port, but the printer in not accessible Which feature must the administrator enable to access the printer?

A. MAC authentication bypass
B. change of authorization
C. TACACS authentication
D. RADIUS authentication

Answer: A

Explanation:
https://community.cisco.com/t5/network-access-control/ise-for-printer-security/m-p/3933216

NEW QUESTION 108

Which Cisco ISE deployment model provides redundancy by having every node in the deployment configured with the Administration. Policy Service, and Monitoring personas to protect from a complete node failure?

A. distributed
B. dispersed
C. two-node
D. hybrid

Answer: C

NEW QUESTION 112

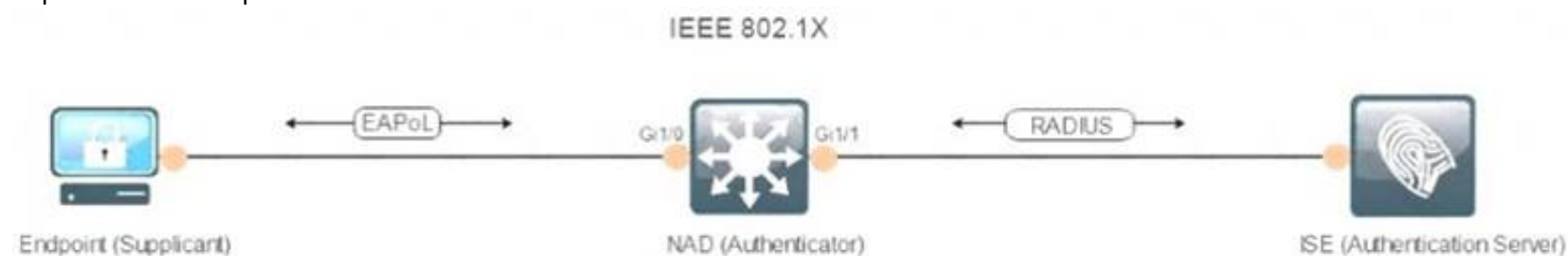Drag the descriptions on the left onto the components of 802.1X on the right.

software on the endpoint that communicates with EAP at layer 2		authenticator
device that controls physical access to the network based on the endpoint authentication status		supplicant
device that validates the identity of the endpoint and provides results to another device		authentication server

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://netlabz.wordpress.com/2016/09/24/cisco-ise-fundamentals/

NEW QUESTION 114

An organization has a fully distributed Cisco ISE deployment When implementing probes, an administrator must scan for unknown endpoints to learn the IP-to-MAC address bindings. The scan is complete on one FPSN. but the information is not available on the others. What must be done to make the information available?

A. Scanning must be initiated from the PSN that last authenticated the endpoint
B. Cisco ISE must learn the IP-MAC binding of unknown endpoints via DHCP profiling, not via scanning
C. Scanning must be initiated from the MnT node to centrally gather the information
D. Cisco ISE must be configured to learn the IP-MAC binding of unknown endpoints via RADIUS authentication, not via scanning

Answer: B

NEW QUESTION 116

An engineer is unable to use SSH to connect to a switch after adding the required CLI commands to the device to enable TACACS+. The device administration license has been added to Cisco ISE, and the required policies have been created. Which action is needed to enable access to the switch?

A. The ip ssh source-interface command needs to be set on the switch
B. 802.1X authentication needs to be configured on the switch.
C. The RSA keypair used for SSH must be regenerated after enabling TACACS+.
D. The switch needs to be added as a network device in Cisco ISE and set to use TACACS+.

Answer: D

NEW QUESTION 121

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

A. Endpoint
B. unknown
C. blacklist
D. white list
E. profiled

Answer: B

Explanation:
If you do not have a matching profiling policy, you can assign an unknown profiling policy. The endpoint is therefore profiled as Unknown. The endpoint that does not match any profile is grouped within the Unknown identity group. The endpoint profiled to the Unknown profile requires that you create a profile with an attribute or a set of attributes collected for that endpoint.
https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_identities.html

NEW QUESTION 122
A Cisco ISE server sends a CoA to a NAD after a user logs in successfully using CWA Which action does the CoA perform?

A. It terminates the client session
B. It applies the downloadable ACL provided in the CoA
C. It applies new permissions provided in the CoA to the client session.
D. It triggers the NAD to reauthenticate the client

Answer: B

Explanation:
https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/115732-central-web-auth-00.html
https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/113362-config-web-auth-ise-00.ht

NEW QUESTION 126
An engineer is configuring posture assessment for their network access control and needs to use an agent that supports using service conditions as conditions for the assessment. The agent should be run as a background process to avoid user interruption but when it is run. the user can see it. What is the problem?

A. The engineer is using the "Anyconnect" posture agent but should be using the "Stealth Anyconnect posture agent
B. The posture module was deployed using the headend instead of installing it with SCCM
C. The user was in need of remediation so the agent appeared m the notifications
D. The proper permissions were no! given to the temporal agent to conduct the assessment

Answer: A

NEW QUESTION 130
What gives Cisco ISE an option to scan endpoints for vulnerabilities?

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

Answer: A

NEW QUESTION 132
Which two features are available when the primary admin node is down and the secondary admin node has not been promoted? (Choose two.)

A. hotspot
B. new AD user 802 1X authentication
C. posture
D. BYOD
E. guest AUP

Answer: BC

NEW QUESTION 133
An administrator is configuring cisco ISE lo authenticate users logging into network devices using TACACS+ The administrator is not seeing any oí the authentication in the TACACS+ live logs. Which action ensures the users are able to log into the network devices?

A. Enable the device administration service in the Administration persona
B. Enable the session services in the administration persona
C. Enable the service sessions in the PSN persona.
D. Enable the device administration service in the PSN persona.

Answer: D

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

NEW QUESTION 136
Which port does Cisco ISE use for native supplicant provisioning of a Windows laptop?

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

Answer: B

NEW QUESTION 140
Which two features should be used on Cisco ISE to enable the TACACS+ feature? (Choose two)

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

Answer: BC

NEW QUESTION 143
A network administrator notices that after a company-wide shut down, many users cannot connect their laptops to the corporate SSID. What must be done to permit access in a timely manner?

A. Authenticate the user's system to the secondary Cisco ISE node and move this user to the primary with the renewed certificate.
B. Connect this system as a guest user and then redirect the web auth protocol to log in to the network.
C. Add a certificate issue from the CA server, revoke the expired certificate, and add the new certificate in system.
D. Allow authentication for expired certificates within the EAP-TLS section under the allowed protocols.

Answer: A

NEW QUESTION 148
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. radius-server vsa send accounting
B. aaa accounting network default start-stop group radius
C. aaa accounting resource default start-stop group radius
D. aaa accounting exec default start-stop group radios

Answer: A

NEW QUESTION 149
An engineer is configuring Cisco ISE to reprofile endpoints based only on new requests of INIT-REBOOT and SELECTING message types. Which probe should be used to accomplish this task?

A. MMAP
B. DNS
C. DHCP
D. RADIUS

Answer: C

NEW QUESTION 153
An engineer is working with a distributed deployment of Cisco ISE and needs to configure various network probes to collect a set of attributes from the endpoints on the network. Which node should be used to accomplish this task?

A. PSN
B. primary PAN
C. pxGrid
D. MnT

Answer: A

NEW QUESTION 158
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