



300-208^{Q&As}

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QUESTION 1

What is a requirement for posture administration services in Cisco ISE?

- A. at least one Cisco router to store Cisco ISE profiling policies
- B. Cisco NAC Agents that communicate with the Cisco ISE server
- C. an ACL that points traffic to the Cisco ISE deployment
- D. the advanced license package must be installed

Correct Answer: D

QUESTION 2

Which network component would issue the CoA?

- A. switch
- B. endpoint
- C. Admin Node
- D. Policy Service Node

Correct Answer: D

QUESTION 3

Which two attributes are delivered by the DHCP probe to the Cisco ISE? (Choose two.)

- A. dhcp-client-identifier
- B. framed-IP-address
- C. host-name
- D. calling-station-ID
- E. MAC address

Correct Answer: AC

QUESTION 4

Which two portals can be configured to use portal FQDN? (Choose two.)

- A. admin



- B. sponsor
- C. guest
- D. my devices
- E. monitoring and troubleshooting

Correct Answer: BD

QUESTION 5

Which OS has Anyconnect posture support?

- A. Windows
- B. Mac OS
- C. Linux

Correct Answer: AB

QUESTION 6

Which default identity source is used by the MyDevices_Portal_Sequence identity source sequence?

- A. internal users
- B. guest users
- C. Active Directory
- D. internal endpoints
- E. RADIUS servers

Correct Answer: A

QUESTION 7

Which of these allows you to add event actions globally based on the risk rating of each event, without having to configure each signature individually?

- A. event action summarization
- B. event action filter
- C. event action override
- D. signature event action processor



Correct Answer: C

QUESTION 8

Where is dynamic SGT classification configured?

- A. Cisco ISE
- B. NAD
- C. supplicant
- D. RADIUS proxy

Correct Answer: A

QUESTION 9

Which mechanism does Cisco ISE use to force a device off the network if it is reported lost or stolen?

- A. CoA
- B. dynamic ACLs
- C. SGACL
- D. certificate revocation

Correct Answer: A

QUESTION 10

A network administrator needs to determine the ability of existing network devices to deliver key BYOD services. Which tool will complete a readiness assessment and outline hardware and software capable and incapable devices?

- A. Prime Infrastructure
- B. Network Control System
- C. Cisco Security Manager
- D. Identity Services Engine

Correct Answer: A

QUESTION 11

Which command defines administrator CLI access in ACS5.x?



- A. Application reset-passwd acs username
- B. username username password password role admin
- C. username username password plain password role admin
- D. password-policy

Correct Answer: C

QUESTION 12

How many days does Cisco ISE wait before it purges a session from the active session list if no RADIUS Accounting STOP message is received?

- A. 1
- B. 5
- C. 10
- D. 15

Correct Answer: B

QUESTION 13

Refer to the exhibit.

Figure 1

Time	Status	Details	Repeat Count	Identity	Endpoint ID	Server	Endpoint Profile	Authentication Policy	Authorization Policy	Authorization Profiles	Network Device
2015-11-11 15:58:29.832				08-E8-57-96-48-1	08-E8-57-96-48-88	ise-1-3-pap		WIRED >> WIRED MAB	WIRED >> WIRED MAB	EMPLOYEE-FULL	Meraki-3560c

Figure 2

TCP Dump

Monitor the packet headers on the network and save to a file (up to 5 Minutes)

Status Stopped Start

Host Name

Network Interface

Promiscuous Mode On Off

Example: 'ip host helios and not iceberg'

Format

In a distributed deployment of Cisco ISE, which column in Figure 1 is used to fill in the Host Name field in Figure 2 to



collect captures on Cisco ISE while authenticating the specific endpoint?

- A. Server
- B. Network Device
- C. Endpoint ID
- D. Identity

Correct Answer: A

QUESTION 14

You have configured a Cisco ISE1.2 deployment for self registration of guest users. What two options can you select from to determine when the account duration timer begins(Choose two)?

- A. Createtime
- B. Firstlogin
- C. Approvaltime
- D. Custom
- E. Starttime

Correct Answer: AB

QUESTION 15

What attribute could be obtained from the SNMP query probe?

- A. FQDN
- B. CDP
- C. DHCP class identifier
- D. User agent

Correct Answer: B

QUESTION 16

Which two statements about Cisco NAC Agents that are installed on clients that interact with the Cisco ISE profiler are true? (Choose two.)

- A. They send endpoint data to AAA servers.
- B. They collect endpoint attributes.



- C. They interact with the posture service to enforce endpoint security policies.
- D. They block access from the network through noncompliant endpoints.
- E. They store endpoints in the Cisco ISE with their profiles.
- F. They evaluate clients against posture policies, to enforce requirements.

Correct Answer: CF

QUESTION 17

Refer to the exhibit.

```
asa1(config)# time-range WeekendHours  
asa1(config-time-range)# periodic friday 18:00 to monday 8:00  
asa1(config)# access-list Outside extended deny ip any object-group vpnservers time-range WeekendHours log  
asa1(config)# access-group Outside in outside
```

If the given configuration is applied to the object-group vpnservers, during which time period are external users able to connect?

- A. From Friday at 6:00 p.m. until Monday at 8:00 a.m.
- B. From Monday at 8:00 a.m. until Friday at 6:00 p.m.
- C. From Friday at 6:01 p.m. until Monday at 8:01 a.m.
- D. From Monday at 8:01 a.m. until Friday at 5:59 p.m.

Correct Answer: A

QUESTION 18

```
Evaluating Identity Policy  
15006 Matched Default Rule  
15013 Selected Identity Store - LDAP_TESTE  
22043 Current Identity Store does not support the authentication method; skipping it
```

Refer to the exhibit. Which authentication method is being used?

- A. PEAP-MSCHAP
- B. EAP-GTC
- C. EAP-TLS
- D. PEAP-TLS



Correct Answer: A

These authentication methods are supported with LDAP:

Extensible Authentication Protocol

Generic Token Card (EAP-GTC) Extensible Authentication Protocol

Transport Layer Security (EAP-TLS) Protected Extensible Authentication Protocol

Transport Layer Security (PEAP-)

QUESTION 19

Which three statements about the Cisco wireless IPS solution are true? (Choose three.)

- A. It enables stations to remain in power-save mode, except at specified intervals to receive data from the access point.
- B. It detects spoofed MAC addresses.
- C. It identifies potential RF jamming attacks.
- D. It protects against frame and device spoofing.
- E. It allows the WLC to failover because of congestion.

Correct Answer: BCD

QUESTION 20

A network administrator must enable which protocol extension to utilize EAP-Chaining?

- A. EAP-FAST
- B. EAP-TLS
- C. MSCHAPv2
- D. PEAP

Correct Answer: A

QUESTION 21

Which Smart Call Home profile is used for anonymous reporting?

- A. admin-1
- B. anon-1
- C. isesch-1



D. ciscotac-1

Correct Answer: D

QUESTION 22

A company has implemented a dual SSID BYOD design. A provisioning SSID is used for user registration, and an employee SSID is used for company network access. How is the layer 2 security of the provisioning SSID configured?

- A. 802.1X
- B. Open
- C. WPA2
- D. MAC filtering disabled

Correct Answer: B

QUESTION 23

Which three events immediately occur when a user clicks "Register" on their device in a single-SSID BYOD onboarding registration process (Choose three).

- A. CA certificate is sent to the device from Cisco ISE
- B. An endpoint is added to a RegisterDevices identity group
- C. RADIUS access request is sent to Cisco ISE
- D. The profile service is sent to the device from Cisco ISE
- E. dACL is sent to the device from Cisco ISE
- F. BYOD registration flag is set by Cisco ISE

Correct Answer: ABF

QUESTION 24

Which two posture redirect ACLs and remediation DACLs must be pushed from Cisco ISE to a Cisco IOS switch if the endpoint must remediate itself? The ISE IP address is 10.201.228.76 and the IP address of the remediating server is

10.201.229.1. (Choose two.)

- A. ip access-l ex ACL-POSTURE-REDIRECT deny udp any any eq domain deny ip any host 10.201.228.76 permit tcp any any eq 80 permit tcp any any eq 443
- B. ip access-l ex ACL-POSTURE-REDIRECT deny udp any any eq domain deny ip any host 10.201.228.76 deny ip any host 10.201.229.1 permit tcp any any eq 80 permit tcp any any eq 443



C. ip access-list ext-ACL-POSTURE-REDIRECT deny udp any any eq domain permit ip any host 10.201.228.76 permit ip any host 10.201.229.1 deny ip any any

D. POSTURE_REMEDIATION DACL permit udp any any eq domain permit tcp any host 10.201.228.76 permit tcp any any eq 80 permit tcp any any eq 443

E. POSTURE_REMEDIATION DACL permit udp any any eq domain deny tcp any host 10.201.228.76 permit tcp any any eq 80 permit tcp any any eq 443 permit ip any host 10.210.229.1

F. POSTURE_REMEDIATION DACL permit udp any any eq domain deny tcp any host 10.201.228.76 deny ip any host 10.210.229.1 permit tcp any any eq 80 permit tcp any any eq 443

Correct Answer: BD

QUESTION 25

What are the initial steps must you perform to add the ISE to the WLC?

A. 1. With a Web browser, establish an HTTP connection to the WLC pod.

2.

Navigate to Administration > Authentication > New.

3.

Enter server values to begin the configuration.

B. 1. With a Web browser, establish an FTP connection to the WLC pod.

2.

Navigate to Security > Administration > New.

3.

Add additional security features for FTP authentication.

C. 1. With a Web browser, establish an HTTP connection to the WLC pod.

2.

Navigate to Authentication > New.

3.

Enter ACLs and Authentication methods to begin the configuration.

D. 1. With a Web browser connect, establish an HTTPS connection to the WLC pod.

2.

Navigate to Security > Authentication > New.

3.



Enter server values to begin the configuration.

Correct Answer: D

QUESTION 26

Which option is required for inline security group tag propagation?

- A. Cisco Secure Access Control System
- B. hardware support
- C. Security Group Tag Exchange Protocol (SXP) v4
- D. Cisco Identity Services Engine

Correct Answer: B

QUESTION 27

What are the initial steps to configure an ACS as a TACACS server?

- A. 1. Choose Network Devices and AAA Clients > Network Resources.2. Click Create.
- B. 1. Choose Network Resources > Network Devices and AAA Clients.2. Click Create.
- C. 1. Choose Network Resources > Network Devices and AAA Clients.2. Click Manage.
- D. 1. Choose Network Devices and AAA Clients > Network Resources.2. Click Install.

Correct Answer: B

QUESTION 28

Which option is the correct format of username in MAB authentication?

- A. host/LSB67.cisco.com
- B. chris@cisco.com
- C. 10:41:7F:46:9F:89
- D. CISCO\chris

Correct Answer: C

QUESTION 29

Refer to the exhibit.



TACACS Profile

Name * IOSShellprofile

Description

Task Attribute View Raw View

Common Tasks

<input checked="" type="checkbox"/> Default Privilege	9	(Select 0 to 15)
<input checked="" type="checkbox"/> Maximum Privilege	10	(Select 0 to 15)
<input type="checkbox"/> Access Control List		
<input type="checkbox"/> Auto Command		
<input type="checkbox"/> No Escape		(Select true or false)
<input type="checkbox"/> Timeout		(0-9999)
<input type="checkbox"/> Idle Time		(0-9999)

If the user matches the given TACACS+ profile on Cisco ISE, which command can the user enter from shell prompt on a Cisco switch?

- A. enable
- B. enable 10
- C. show run
- D. configure terminal

Correct Answer: B

QUESTION 30

From which location can you run reports on endpoint profiling?

- A. Reports > Operations > Catalog > Endpoint
- B. Operations > Reports > Catalog > Endpoint
- C. Operations > Catalog > Reports > Endpoint
- D. Operations > Catalog > Endpoint

Correct Answer: B



QUESTION 31

Which type of SGT propagation does a WLC in a data center require?

- A. SXP
- B. SGT
- C. SGT inline
- D. SGT Reflector

Correct Answer: A

QUESTION 32

An engineer is investigating an issue with their Posture Run-time Services implementation. Which protocol services are used by NAC Agents to communicate with NAC Servers?

- A. SWISS
- B. IPsec
- C. IKEv2
- D. FIX

Correct Answer: A

QUESTION 33

What EAP method supports mutual certificate-based authentication?

- A. EAP-TTLS
- B. EAP-MSCHAP
- C. EAP-TLS
- D. EAP-MD5

Correct Answer: C

QUESTION 34

CORRECT TEXT

The Secure-X company has recently successfully tested the 802.1X authentication deployment using the Cisco Catalyst switch and the Cisco ISEv1.2 appliance. Currently, each employee desktop is connected to an 802.1X enabled switch



port and is able to use the Cisco AnyConnect NAM 802.1X supplicant to log in and connect to the network.

Currently, a new testing requirement is to add a network printer to the Fa0/19 switch port and have it connect to the network. The network printer does not support 802.1X supplicant. The Fa0/19 switch port is now configured to use 802.1X authentication only.

To support this network printer, the Fa0/19 switch port configuration needs to be edited to enable the network printer to authenticate using its MAC address. The network printer should also be on VLAN 9.

Another network security engineer responsible for managing the Cisco ISE has already pre-configured all the requirements on the Cisco ISE, including adding the network printer MAC address to the Cisco ISE endpoint database and etc...

Your task in the simulation is to access the Cisco Catalyst Switch console then use the CLI to:

Enable only the Cisco Catalyst Switch Fa0/19 switch port to authenticate the network printer using its MAC address and:

Ensure that MAC address authentication processing is not delayed until 802.1X fails

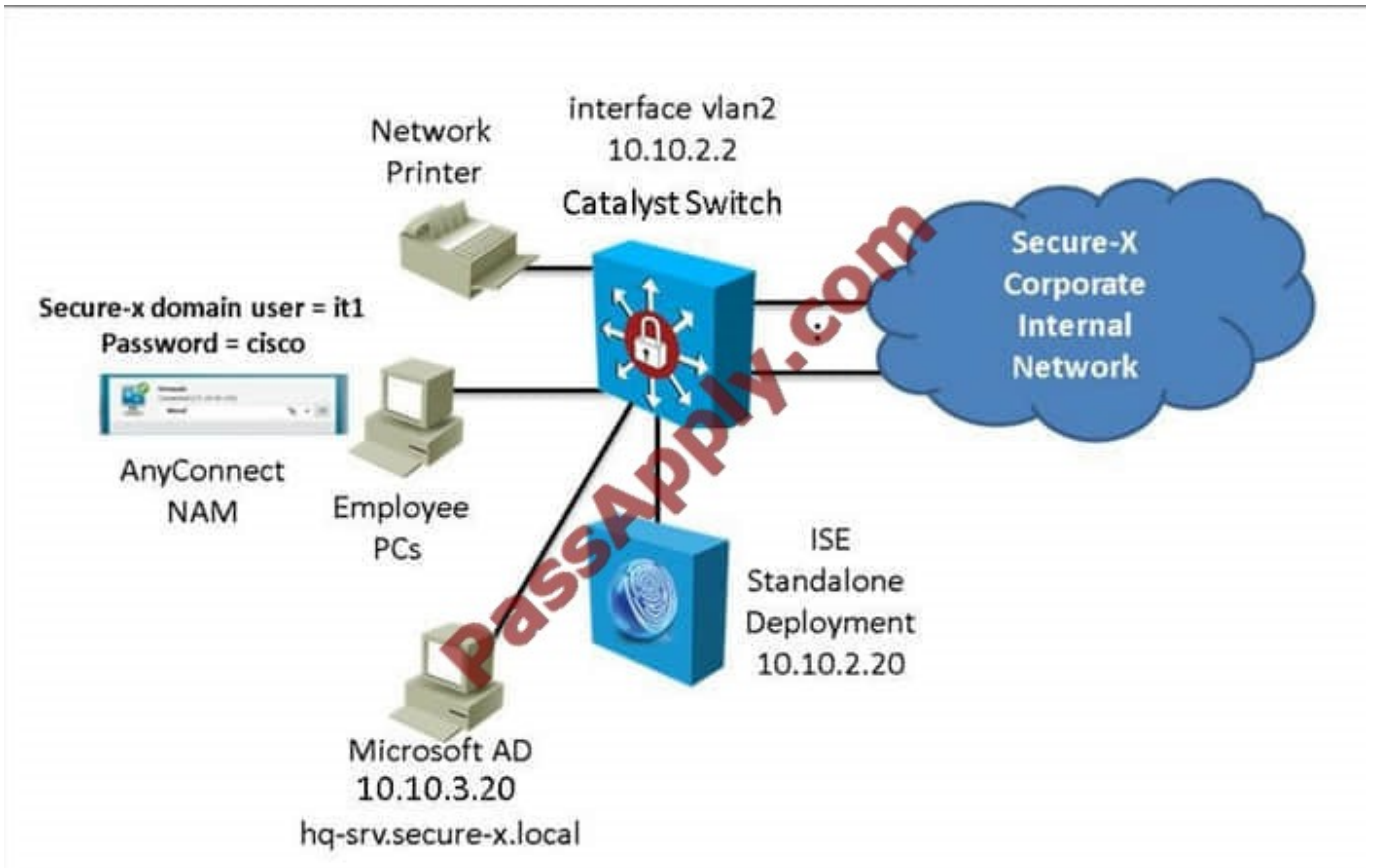
Ensure that even if MAC address authentication passes, the switch will still perform 802.1X authentication if requested by a 802.1X supplicant

Use the required show command to verify the MAC address authentication on the Fa0/19 is successful

The switch enable password is Cisco

For the purpose of the simulation, to test the network printer, assume the network printer will be unplugged then plugged back into the Fa0/19 switch port after you have finished the required configurations on the Fa0/19 switch port.

Note: For this simulation, you will not need and do not have access to the ISE GUI To access the switch CLI, click the Switch icon in the topology diagram



Correct Answer: Review the explanation for full configuration and solution.

Initial configuration for fa 0/19 that is already done:



```
interface FastEthernet0/19
description Employee PC
switchport access vlan 9
switchport mode access
ip access-group Basic-ACL in
authentication host-mode multi-auth
authentication open
authentication port-control auto
authentication periodic
authentication timer reauthenticate server
dot1x pae authenticator
dot1x timeout tx-period 10
spanning-tree portfast
!
interface FastEthernet0/20
!
```

AAA configuration has already been done for us. We need to configure mac address bypass on this port to achieve the goal stated in the question. To do this we simply need to add this command under the interface:

```
mab
```

Then do a shut/no shut on the interface.

Verification:



```
%LINK-5-CHANGED: Interface FastEthernet0/19, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/19, changed state
to down
HQ-Sw(config-if)#end
HQ-Sw#show authentication sessions interface fa 0/19
      Interface:  FastEthernet0/19
      MAC Address: 0014.bf70.b5fb
      IP Address:  Unknown
      Status:      Running
      Domain:      UNKNOWN
      Security Policy: Should Secure
      Security Status: Unsecure
      Oper host mode: multi-auth
      Oper control dir: both
      Session timeout: N/A
      Idle timeout:  N/A
      Common Session ID: 0A0A02020000003300670553
      Acct Session ID:  0x0000000F
      Handle:          0x42000034

Runnable methods list:
  Method  State
  dot1x   Failed over
  mab     Authc Success

HQ-Sw#
```

QUESTION 35

Which protocol sends authentication and accounting in different requests?

- A. RADIUS
- B. TACACS+
- C. EAP-Chaining
- D. PEAP
- E. EAP-TLS

Correct Answer: B

QUESTION 36

Which three options can be pushed from Cisco ISE server as part of a successful 802.1x authentication. (Choose three)

- A. authentication order
- B. posture status



- C. authentication priority
- D. vlan
- E. DACL
- F. re-authentication timer

Correct Answer: DEF

QUESTION 37

In a Cisco ISE deployment, which traffic is permitted by the default dynamic ACL?

- A. all IP traffic
- B. management traffic only
- C. TCP traffic only
- D. UDP traffic only

Correct Answer: A

QUESTION 38

Which two services are included in the Cisco ISE posture service? (Choose two.)

- A. posture administration
- B. posture run-time
- C. posture monitoring
- D. posture policing
- E. posture catalog

Correct Answer: AB

QUESTION 39

Which three statements about Windows Server Update Services remediation are true?

- A. WSUS can install the latest service pack available
- B. WSUS checks for automatic update configuration on Windows
- C. WSUS checks for client behavior anomalies
- D. WSUS remediates Windows client from a locally managed WSUS server



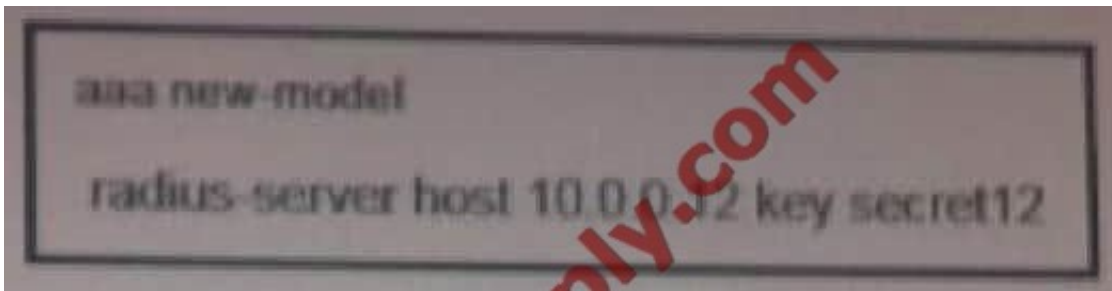
E. WSUS remediates Windows client from a Microsoft manage WSUS server

F. WSUS provides links to update AV/AS

Correct Answer: ADE

QUESTION 40

Refer to the exhibit. Which statement about the authentication protocol used in the configuration is the true?



A. The authentication request contains only a username.

B. The authentication and authorization requests are grouped in single packets.

C. There is separate authentication and authorization request packet.

D. The authentication request contains only a password On RADIUS, authentication and authorization are grouped in single packet, not like TACACS+ who separated them.

Correct Answer: B

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