

# 300-208<sup>Q&As</sup>

Implementing Cisco Secure Access Solutions

**Pass Cisco 300-208 Exam with 100% Guarantee**

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.certbus.com/300-208.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco  
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



#### QUESTION 1

By default, how many days does Cisco ISE wait before it purges the expired guest accounts?

- A. 1
- B. 10
- C. 15
- D. 20

Correct Answer: C

---

#### QUESTION 2

Which term describes a software application that seeks connectivity to the network via a network access device?

- A. authenticator
- B. server
- C. supplicant
- D. WLC

Correct Answer: C

---

#### QUESTION 3

What is the function of the SGACL policy matrix on a Cisco TrustSec domain with SGT Assignment?

- A. It determines which access policy to apply to the endpoint.
- B. It determines which switches are trusted within the TrustSec domain.
- C. It determines the path the SGT of the packet takes when entering the Cisco TrustSec domain.
- D. It lists all servers that are permitted to participate in the TrustSec domain.
- E. It lists all hosts that are permitted to participate in the TrustSec domain.

Correct Answer: A

---

#### QUESTION 4

Which two EAP types require server side certificates? (Choose two.)

- A. EAP-TLS

- B. PEAP
- C. EAP-MD5
- D. LEAP
- E. EAP-FAST
- F. MSCHAPv2

Correct Answer: AB

---

#### QUESTION 5

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 6

A network security engineer is considering configuring 802.1x port authentication such that a single host is allowed to be authenticated for data and another single host for voice. Which port authentication host mode can be used to achieve this configuration?

- A. single-host
- B. multihost
- C. multauth
- D. multidomain

Correct Answer: D

---

#### QUESTION 7

Which feature must you configure on a switch to allow it to redirect wired endpoints to Cisco ISE?

- A. the http secure-server command
- B. RADIUS Attribute 29

- C. the RADIUS VSA for accounting
- D. the RADIUS VSA for URL-REDIRECT

Correct Answer: A

---

#### QUESTION 8

Which command in the My Devices Portal can restore a previously lost device to the network?

- A. Reset
- B. Found
- C. Reinstate
- D. Request

Correct Answer: C

---

#### QUESTION 9

Which two profile attributes can be collected by a Cisco Catalyst Switch that supports Device Sensor? (Choose two.)

- A. LLDP agent information
- B. user agent
- C. DHCP options
- D. open ports
- E. operating system
- F. trunk ports

Correct Answer: AC

---

#### QUESTION 10

Which three personas can a Cisco ISE assume in a deployment? (Choose three.)

- A. connection
- B. authentication
- C. administration
- D. testing
- E. policy service

F. monitoring

Correct Answer: CEF

---

#### QUESTION 11

Cisco 802.1X phasing enables flexible deployments through the use of open, low-impact, and closed modes. What is a unique characteristic of the most secure mode?

- A. Granular ACLs applied prior to authentication
- B. Per user dACLs applied after successful authentication
- C. Only EAPoL traffic allowed prior to authentication
- D. Adjustable 802.1X timers to enable successful authentication

Correct Answer: C

---

#### QUESTION 12

What are three ways that an SGT can be assigned to network traffic?

- A. Manual binding of the IP address to an SGT
- B. Manually configured on the switch port
- C. Dynamically assigned by the network access device
- D. Dynamically assigned by the 802.1X authorization result
- E. Manually configured in the NAC agent profile
- F. Dynamically assigned by the AnyConnect network access manager

Correct Answer: ABD

---

#### QUESTION 13

An engineer wants to allow dynamic vlan assignment from ISE. What must be configured on the switch?

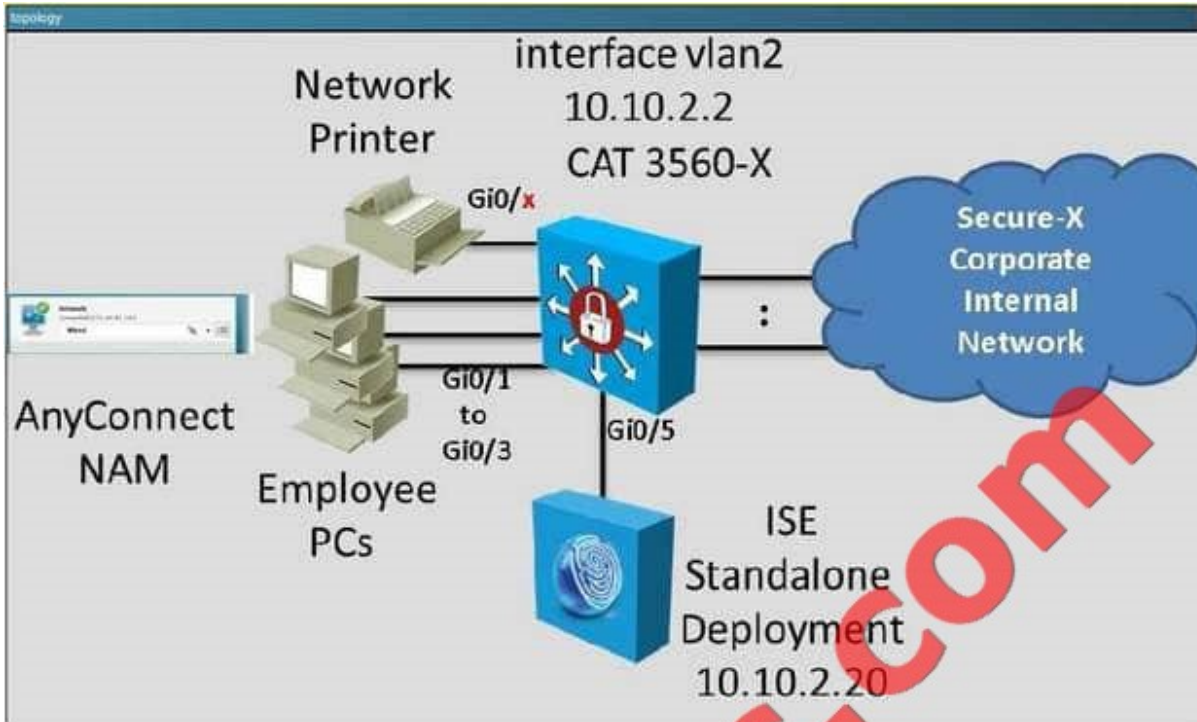
- A. DTP
- B. VTP
- C. AAA authentication
- D. AAA authorization

Correct Answer: C

---

#### QUESTION 14

In this simulation, you are task to examine the various authentication events using the ISE GUI. For example, you should see events like Authentication succeeded. Authentication failed and etc...



The screenshot shows the Cisco Identity Services Engine (ISE) dashboard. The top navigation bar includes 'Home', 'Operations', 'Policy', and 'Administration'. The main content area is divided into several sections:

- Metrics:** Total Endpoints: 5, Active Endpoints: 2, Active Guests: 0, Profiled Endpoints: 5.
- System Summary:** A table showing system health metrics for 'ise'.
- Alarms:** A table listing various system events and their occurrences.
- Posture Compliance:** A section showing posture compliance status.
- Authentications:** A section showing authentication statistics, including 'Passed 12' and 'Failed 74'.

Name	Occurrences	Last Occur
Configuration Changed	787 times	45 mins ...
Authentication Inactivity	1049 times	2 hrs 15 ...
Insufficient Virtual Machin...	527 times	2 hrs 25 ...
RADIUS Request Dropped	858 times	14 hrs 4 ...
No Accounting Start	237 times	14 hrs 4...
Supplicant stopped respo...	21 times	16 hrs 4...
No Configuration Backup ...	187 times	23 hrs 2...

Which two statements are correct regarding the event that occurred at 2014-05-07 00:16:55.393? (Choose two.)

- A. The failure reason was user entered the wrong username.
- B. The supplicant used the PAP authentication method.

C. The username entered was it1.

D. The user was authenticated against the Active Directory then also against the ISE internal user database and both fails.

E. The NAS switch port where the user connected to has a MAC address of 44:03:A7:62:41:7F

F. The user is being authenticated using 802.1X.

G. The user failed the MAB.

H. The supplicant stopped responding to ISE which caused the failure.

Correct Answer: CF

Event Details:



it1 failed

### Overview

Event	5400 Authentication failed
Username	it1
Endpoint Id	44:03:A7:62:41:7F
Endpoint Profile	
Authorization Profile	
ISEPolicySetName	Default
IdentitySelectionMatchedRule	Default

### Authentication Details

Source Timestamp	2014-05-07 00:16:55.392
Received Timestamp	2014-05-07 00:16:55.393
Policy Server	ise
Event	5400 Authentication failed
Failure Reason	24408 User authentication against Active Directory failed since user has entered the wrong password
Resolution	Check the user password credentials. If the RADIUS request is using PAP for authentication, also check the Shared Secret configured for the Network Device
Root cause	User authentication against Active Directory failed since user has entered the

CertBus.com



it1 failed

### Authentication Details

Source Timestamp	2014-05-07 00:16:55.392
Received Timestamp	2014-05-07 00:16:55.393
Policy Server	ise
Event	5400 Authentication failed
Failure Reason	24408 User authentication against Active Directory failed since user has entered the wrong password
Resolution	Check the user password credentials. If the RADIUS request is using PAP for authentication, also check the Shared Secret configured for the Network Device
Root cause	User authentication against Active Directory failed since user has entered the wrong password
Username	it1
User Type	
Endpoint Id	44:0397:62:41:7F
Endpoint Profile	
IP Address	
Identity Store	AD1
Identity Group	
Audit Session Id	0A0A0202000000D0070A368F
Authentication Method	dot1x
Authentication Protocol	PEAP (EAP-MSCHAPv2)



CISENU300\_208\_12182015.dat

**QUESTION 15**

Which command can check a AAA server authentication for server group Group1, user cisco, and password cisco555 on a Cisco ASA device?

- A. ASA# test aaa-server authentication Group1 username cisco password cisco555
- B. ASA# test aaa-server authentication group Group1 username cisco password cisco555
- C. ASA# aaa-server authorization Group1 username cisco password cisco555
- D. ASA# aaa-server authentication Group1 roger cisco555

Correct Answer: A

**QUESTION 16**

What endpoint operating system provides native support for the SPW?

- A. Apple iOS
- B. Android OS
- C. Windows 8
- D. Mac OS X

Correct Answer: A

---

**QUESTION 17**

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 18**

Which two answers are potential results of an attacker that is performing a DHCP server spoofing attack? (Choose two.)

- A. ability to selectively change DHCP options fields of the current DHCP server, such as the giaddr field.
- B. DoS
- C. excessive number of DHCP discovery requests
- D. ARP cache poisoning on the router E. client unable to access network resources

Correct Answer: BE

---

**QUESTION 19**

Which advanced option within a WLAN must be enabled to trigger central web authentication for wireless users?

- A. AAA override

- B. Static IP tunnelling
- C. Diagnostic channel
- D. DHCP server

Correct Answer: A

---

#### QUESTION 20

What are three portals provided by PSN? (Choose three.)

- A. Monitoring
- B. Troubleshooting
- C. Sponsor
- D. Guest
- E. My devices
- F. Admin

Correct Answer: CDE

---

#### QUESTION 21

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 22

In an 802.1X environment, which feature allows for non-802.1X-supported devices such as printers and fax machines to authenticate?

- A. multiauth
- B. WebAuth
- C. MAB

D. 802.1X guest VLAN

Correct Answer: C

---

### QUESTION 23

Which two statements about MAB are true? (Choose two.)

- A. It requires a preexisting database of the MAC addresses of permitted devices.
- B. It is unable to control network access at the edge.
- C. If MAB fails, the device is unable to fall back to another authentication method.
- D. It is unable to link the IP and MAC addresses of a device.
- E. It is unable to authenticate individual users.

Correct Answer: AE

---

### QUESTION 24

When using endpoint access control, which two access methods are valid for authentication and authorization? (Choose two.)

- A. Microsoft Challenge Handshake Authentication
- B. Protected extensible authentication
- C. MAC Authentication Bypass
- D. Password Authentication Protocol Bypass
- E. Web authentication

Correct Answer: CE

---

### QUESTION 25

Which three algorithms should be avoided due to security concerns? (Choose three.)

- A. DES for encryption
- B. SHA-1 for hashing
- C. 1024-bit RSA
- D. AES GCM mode for encryption
- E. HMAC-SHA-1

F. 256-bit Elliptic Curve Diffie-Hellman

G. 2048-bit Diffie-Hellman

Correct Answer: ABC

---

#### QUESTION 26

Your guest-access wireless network is experiencing degraded performance and excessive latency due to user saturation. Which type of rate limiting can you implement on your network to correct the problem?

A. per-device

B. per-policy

C. per-access point

D. per-controller

E. per-application

Correct Answer: A

---

#### QUESTION 27

Which two are valid ISE posture conditions? (Choose two.)

A. Dictionary

B. memberOf

C. Profile status

D. File

E. Service

Correct Answer: DE

---

#### QUESTION 28

Which protocol is EAP encapsulated in for communications between the authenticator and the authentication server ?

A. EAP-MD5

B. IPSec

C. EAPOL

D. Radius

Correct Answer: D

---

**QUESTION 29**

Which two accounting types are used to implement accounting with RADIUS? (Choose two.)

- A. Network
- B. User
- C. Attribute
- D. Device
- E. Resource

Correct Answer: AE

---

**QUESTION 30**

Which feature must you configure on a switch to allow it to redirect wired endpoints to Cisco ISE?

- A. the http secure-server command
- B. RADIUS Attribute 29
- C. the RADIUS VSA for accounting
- D. the RADIUS VSA for URL-REDIRECT

Correct Answer: A

---

**QUESTION 31**

Which command used to enable SGACL globally ?

- A. cts role-based-enforcement

Correct Answer: A

---

**QUESTION 32**

Which functionality does the Cisco ISE self-provisioning flow provide?

- A. It provides support for native supplicants, allowing users to connect devices directly to the network.
- B. It provides the My Devices portal, allowing users to add devices to the network.
- C. It provides support for users to install the Cisco NAC agent on enterprise devices.

D. It provides self-registration functionality to allow guest users to access the network.

Correct Answer: A

---

### QUESTION 33

What two values does Cisco recommend you adjust and test to set the optimal timeout value for your network's specific 802.1X MAB deployment?

- A. Max-reauth-req
- B. Supp-timeout
- C. Max-req
- D. Tx-period
- E. Server-timeout

Correct Answer: AD

---

### QUESTION 34

Changes were made to the ISE server while troubleshooting, and now all wireless certificate authentications are failing. Logs indicate an EAP failure. What is the most likely cause of the problem?

- A. EAP-TLS is not checked in the Allowed Protocols list
- B. Certificate authentication profile is not configured in the Identity Store
- C. MS-CHAPv2 is not checked in the Allowed Protocols list
- D. Default rule denies all traffic
- E. Client root certificate is not included in the Certificate Store

Correct Answer: A

---

### QUESTION 35

An engineer must enable SGACL policy globally for a Cisco TrustSec-enabled routed interface. Which command must be used?

- A. `cts role-based monitor enable`
- B. `cts role-based enforcement`
- C. `cts role-based sgt-caching with-enforcement`
- D. `cts role-based monitor permissions from {sgt_num} to {dgt_num} [ipv4| ipv6]`



Correct Answer: B

---

#### QUESTION 36

An engineer must limit the configuration parameters that can be executed on the Cisco ASAs deployed throughout the network. Which command allows the engineer to complete this task?

- A. AAA-server tacacs1(inside) host 10.5.109.18 \$3cr37 timeout2 ! aaa authorization command tacacs1
- B. AAA-server tacacs1(inside) host 10.5.109.18 \$3cr37 timeout2 ! aaa authentication ssh console tacacs1
- C. AAA-server tacacs1(inside) host 10.5.109.18 \$3cr37 timeout2 ! aaa authorization exec authentication-server
- D. AAA-server tacacs1(inside) host 10.5.109.18 \$3cr37 timeout2 ! aaa authentication exclude ssh

Correct Answer: A

---

#### QUESTION 37

Which Cisco IOS IPS feature allows to you remove one or more actions from all active signatures based on the attacker and/or target address criteria, as well as the event risk rating criteria?

- A. signature event action filters
- B. signature event action overrides
- C. signature attack severity rating
- D. signature event risk rating

Correct Answer: A

---

#### QUESTION 38

Which action does the command private-vlan association 100,200 take?

- A. configures VLANs 100 and 200 and associates them as a community
- B. associates VLANs 100 and 200 with the primary VLAN
- C. creates two private VLANs with the designation of VLAN 100 and VLAN 200
- D. assigns VLANs 100 and 200 as an association of private VLANs

Correct Answer: B

---

#### QUESTION 39

Which option is the code field of n EAP packet?

- A. one byte and 1=request, 2=response 3=failure 4=success
- B. two byte and 1=request, 2=response, 3=success, 4=failure
- C. two byte and 1=request 2=response 3=failure 4=success
- D. one byte and 1=request 2=response 3=success 4=failure

Correct Answer: D

---

#### **QUESTION 40**

Which port does cisco ISE use for native supplicant provisioning of a windows computer?

- A. TCP/UDP 8905
- B. TCP 8443
- C. TCP/UDP 8909
- D. TCP 443

Correct Answer: C

[Latest 300-208 Dumps](#)

[300-208 VCE Dumps](#)

[300-208 Practice Test](#)

To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

## Try our product !

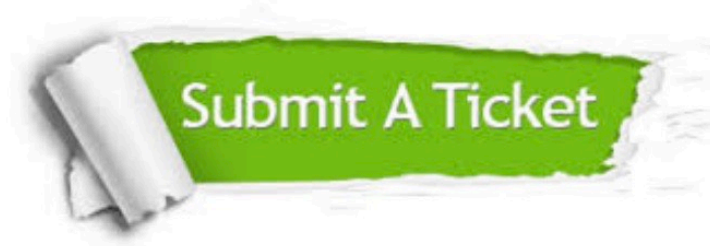
100% Guaranteed Success  
100% Money Back Guarantee  
365 Days Free Update  
Instant Download After Purchase  
24x7 Customer Support  
Average 99.9% Success Rate  
More than 800,000 Satisfied Customers Worldwide  
Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications.  
You can view Vendor list of All Certification Exams offered:

<https://www.certbus.com/allproducts>

## Need Help

Please provide as much detail as possible so we can best assist you.  
To update a previously submitted ticket:



 <p><b>One Year Free Update</b> Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p><b>Money Back Guarantee</b> To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p><b>Security &amp; Privacy</b> We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information &amp; peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.  
All trademarks are the property of their respective owners.  
Copyright © certbus, All Rights Reserved.