300-208^{Q&As}

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Implementing Cisco Secure Access Solutions

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QUESTION 1

CORRECT TEXT

The Secure-X company has started to tested the 802.1X authentication deployment using the Cisco Catalyst 3560-X layer 3 switch and the Cisco ISEvl2 appliance. Each employee desktop will be connected to the 802.1X enabled switch port and will use the Cisco AnyConnect NAM 802.1X supplicant to log in and connect to the network. Your particular tasks in this simulation are to create a new identity source sequence named AD_internal which will first use the Microsoft Active Directory (AD1) then use the ISE Internal User database. Once the new identity source sequence

has been configured, edit the existing DotlX authentication policy to use the new AD_internal identity source sequence.

The Microsoft Active Directory (AD1) identity store has already been successfully configured, you just need to reference it in your configuration.

In addition to the above, you are also tasked to edit the IT users authorization policy so IT users who successfully authenticated will get the permission of the existing IT_Corp authorization profile.

Perform this simulation by accessing the ISE GUI to perform the following tasks:

Create a new identity source sequence named AD_internal to first use the Microsoft Active Directory (AD1) then use the ISE Internal User database

Edit the existing Dot1X authentication policy to use the new AD_internal identity source sequence:

If authentication failed-reject the access request

If user is not found in AD-Drop the request without sending a response

If process failed-Drop the request without sending a response
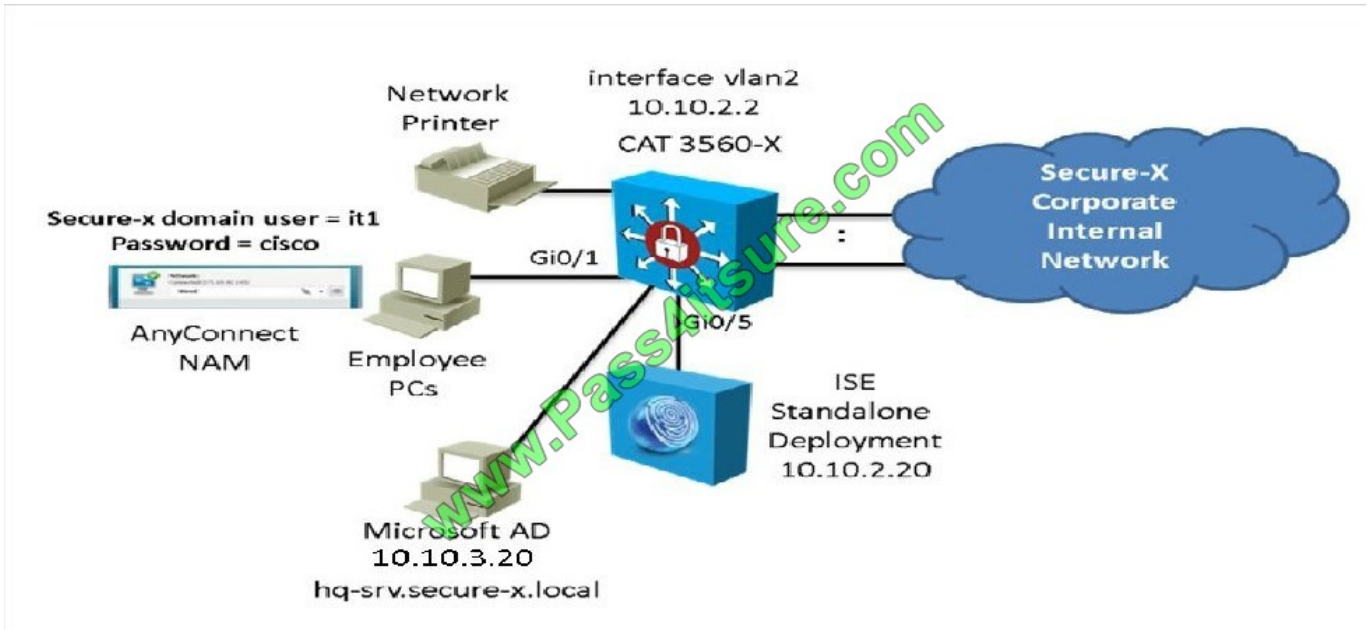
Edit the IT users authorization policy so IT users who successfully authenticated will get the permission of the existing IT_Corp authorization profile.

To access the ISE GUI, click the ISE icon in the topology diagram. To verify your configurations, from the ISE GUI, you should also see the Authentication Succeeded event for the it1 user after you have successfully defined the DotlX authentication policy to use the Microsoft Active Directory first then use the ISE Internal User Database to authenticate the user. And in the Authentication Succeeded event, you should see the IT_Corp authorization profile being applied to the it1 user. If your configuration is not correct and ISE can\\'t authenticate the user against the Microsoft Active Directory, you should see the Authentication Failed event instead for the it1 user.

Note: If you make a mistake in the Identity Source Sequence configuration, please delete the Identity Source Sequence

then re-add a new one. The edit Identity Source Sequence function is not implemented in this simulation.

Correct Answer: Review the for full configuration and solution.

Step 1: create a new identity source sequence named AD_internal which will first use the Microsoft Active Directory (AD1) then use the ISE Internal User database as shown below:

al Terminal

cisco **Identity Services Engine**

ise | admin | Logout

🏠 Home   Operations | ▼   Policy | ▼   Administration | ▼

🔧 System   👥 Identity Management   🖥 Network Resources   👥 Web Portal Management   📋 Feed Service

dentities   Groups   External Identity Sources   Identity Source Sequences   Settings

tity Source Sequences List > **New Identity Source Sequence**

entity Source Sequence

Identity Source Sequence

* Name   [AD_Internal]

Description   [   ]

▼ Certificate Based Authentication

☑ Select Certificate Authentication Profile   [CommonName   ▼]

▼ Authentication Search List

☑ A set of identity sources that will be accessed in sequence until first authentication succeeds

Internal Endpoints		AD1	
Guest Users		Internal Users	
	>		丅

Scenario   **TOPOLOGY**

Step 2: Edit the existing Dot1x policy to use the newly created Identity Source:

Then hit Done and save.

QUESTION 2

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 3

Which three remediation actions are supported by the Web Agent for Windows? (Choose three.)

A. Automatic Remediation

B. Message text

C. URL Link

D. File Distribution

E. AV definition update

F. Launch Program

Correct Answer: BCD

QUESTION 4

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

TCP: 80, 8443 (web or Cisco NAC agent installation) Note TCP port 8443 is enabled by default, configurable, and corresponds to Guest configuration TCP: 8905 (Cisco NAC agent update) TCP: 8909 and UDP: 8909 (web, Cisco NAC Agent, supplicant provisioning wizard installation)

QUESTION 5

Which two are technologies that secure the control plane of the Cisco router? (Choose two.)

A. Cisco IOS Flexible Packet Matching

B. uRPF

C. routing protocol authentication

D. CPPr

E. BPDU protection

F. role-based access control

Correct Answer: CD

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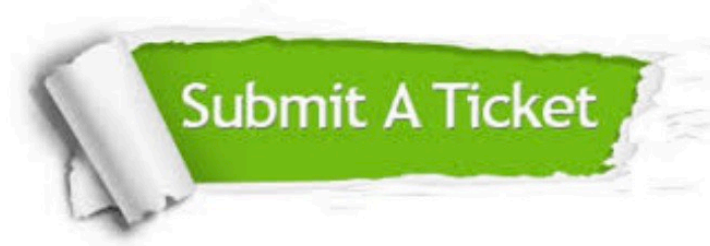
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