Vendor: Cisco

Exam Code:642-648

Exam Name: Deploying Cisco ASA VPN Solutions (VPN v2.0)

Version: Demo

QUESTION 1

Which three statements are Cisco AnyConnect VPN Client deployment options? (Choose three.)

A. Configure the Cisco AnyConnect profile to automatically launch client or clientless SSL VPN upon discovering a trusted network.

B. Automatically download the Cisco AnyConnect VPN Client upon Cisco IOS WebVPN login.

C. Prompt user upon Cisco IOS WebVPN login to select client or clientless SSL VPN within X seconds.

D. Configure the Cisco AnyConnect profile to automatically disconnect the client or clientless SSL VPN tunnel upon discovering an untrusted network.

E. User manually launches client from SSL VPN clientless portal.

Correct Answer: BCE

http://www.cisco.com/en/US/docs/security/vpn_client/anyconnect/anyconnect24/administration/guide/ac 01intro.html

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QUESTION 2

Which Cisco ASA SSL VPN feature provides support for PCI compliance by allowing for the validation of two sets of username and password credentials on the SSL VPN login page?

A. Single Sign-On

B. Certificate to Profile Mapping

C. Double Authentication

D. RSA OTP

Correct Answer: C

QUESTION 3

Refer to following Exhibit and answer the following question below:

Instructions

Click the grey buttons at the bottom of this frame to view the different windows.

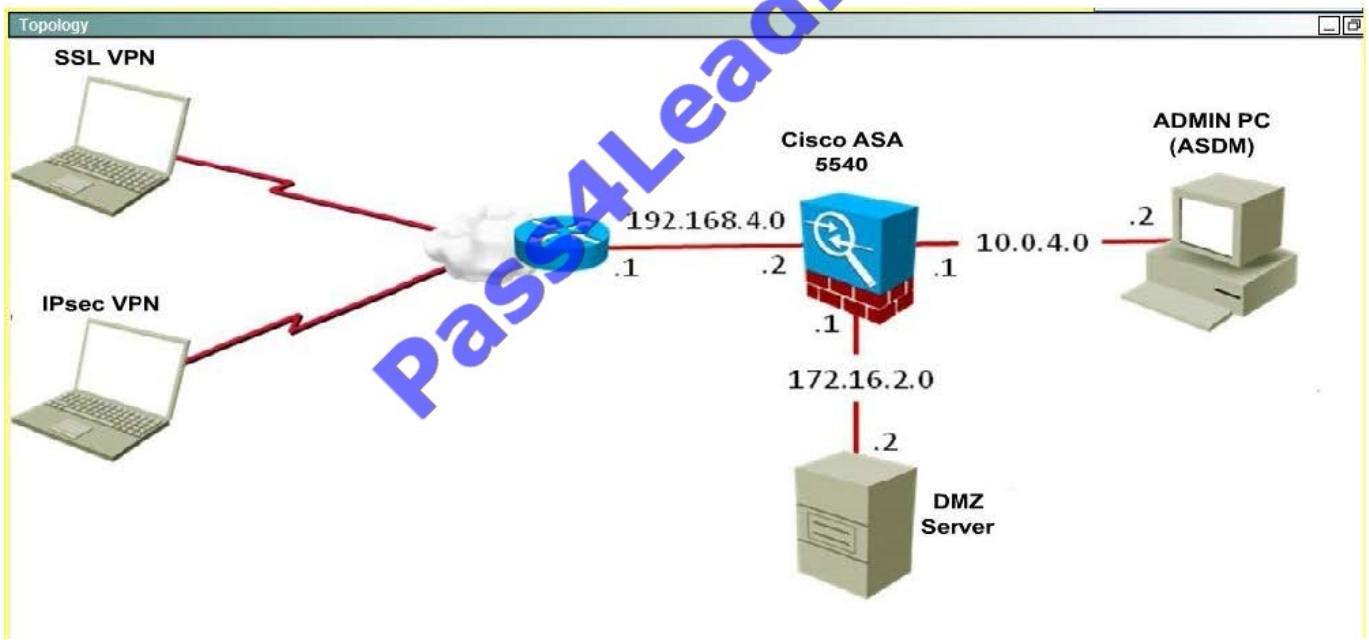
Windows can be minimized and repositioned. You can also reposition a window by dragging it by the title bar.

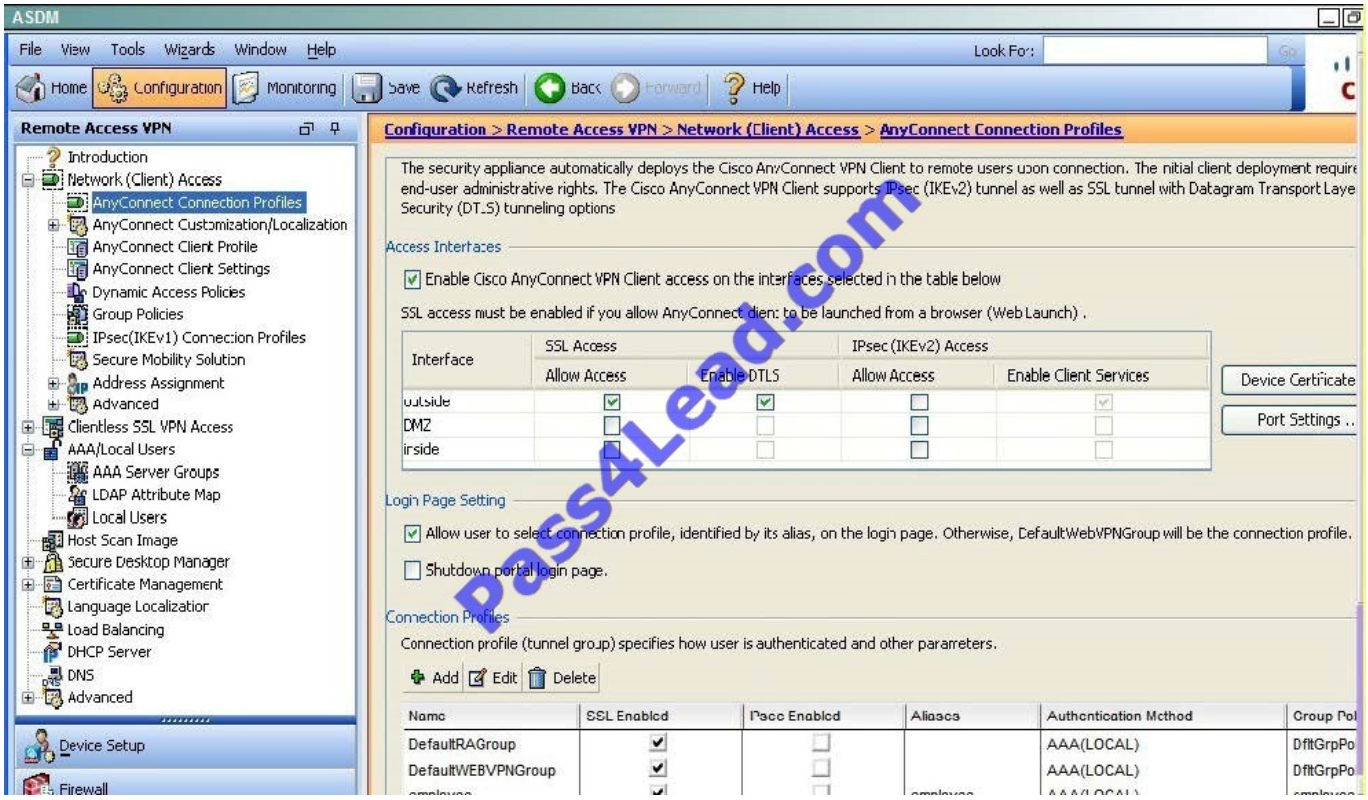
The "Tab" key and most commands that use the **Control** or **Escape** keys are not supported and are not needed to complete this simulation.

Scenario

You are the firewall administrator for a small company. The company currently supports remote-access SSL VPN and IPsec VPN via a Cisco ASA 5520. This morning, your manager supplied you with a list of Cisco ASA configuration questions. Using the Cisco ASA ASDM, your job is to navigate the preconfigured Cisco ASDM to find the answers to the questions.

Topology





Which connection profile supports SSL VPN Client access only.

A. Employee

B. Contractor

C. Management

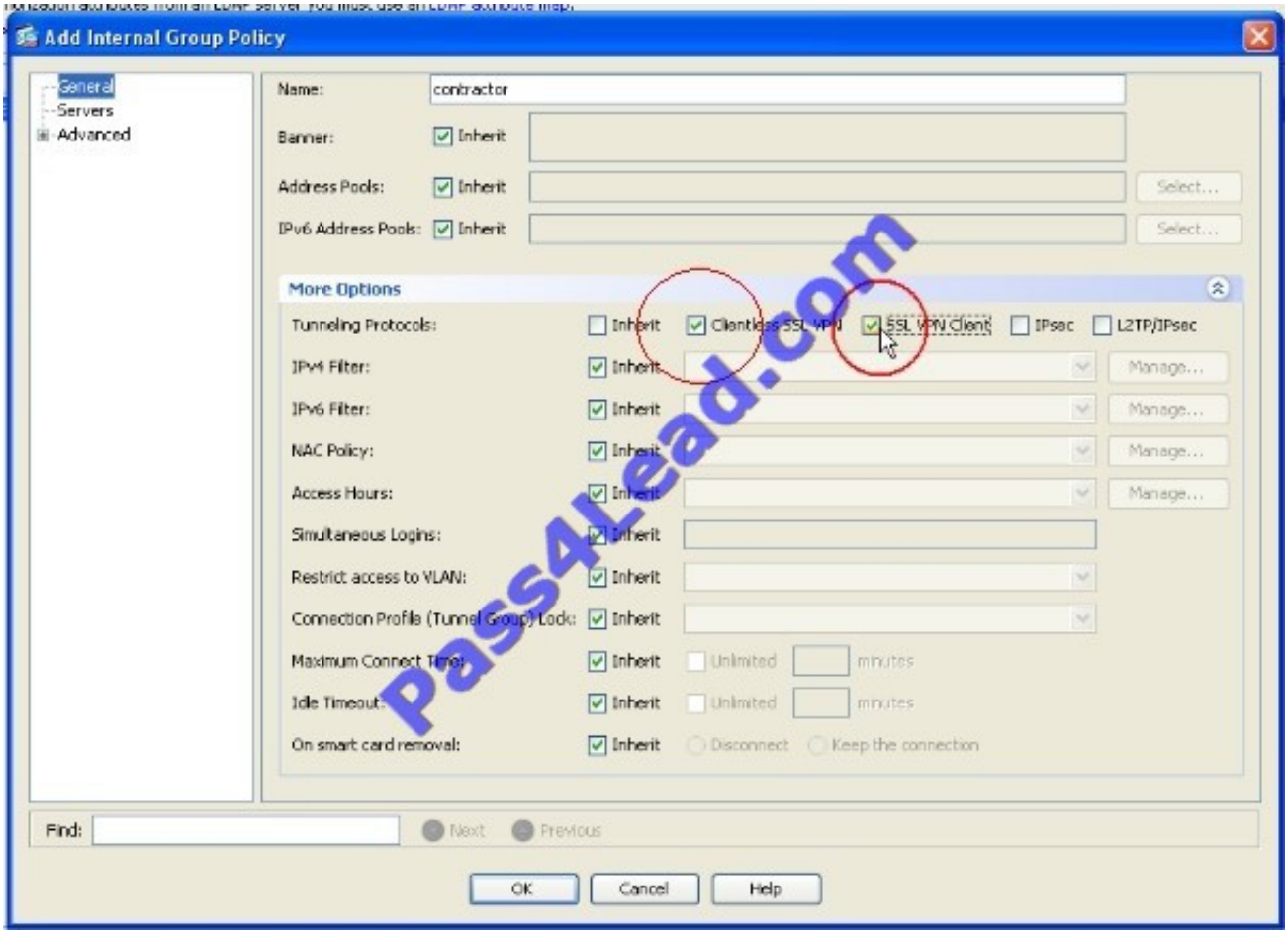
D. Engineering

E. New_hire

Correct Answer: B

(Answer can change so follow the procedure below)

Configuration > network client access > any connect connection profiles >connection profiles > edit for each profile > general > more options > tunneling protocol > see the check marks



QUESTION 4

SSL server-side authentication is used for a client to verify the identity of a server. This type of authentication is commonly used for servers that require secured transactions to protect user data or account information for online purchases. Which one of these steps is not a step in the authentication process?

A. The client sends Hello to the server, listing all of its supported cipher suites.

B. The server sends Hello to the client, listing all of its supported cipher suites.

C. The server sends its certificate to the client.

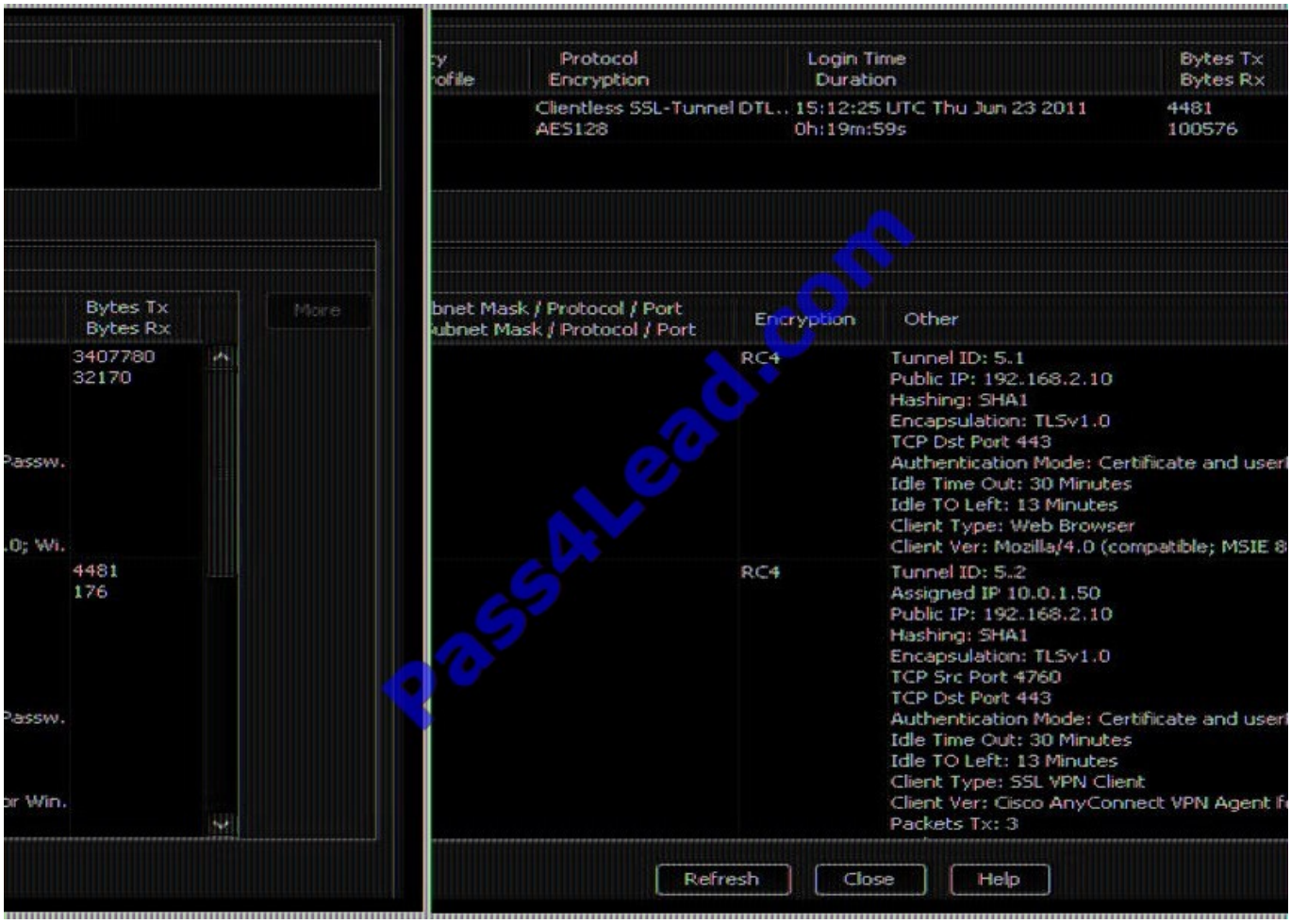
D. The client generates, encrypts, and sends a session key.

E. The server sends Change Cipher Spec to indicate a shift to encrypted mode.

Correct Answer: B

QUESTION 5

Refer to the exhibit.



When you are testing SSL VPN in a non-production environment, certain variables in the Cisco ASDM session details can be viewed or changed under Configuration > AnyConnect Connection Profiles.

Which parameter can be viewed or changed in the AnyConnect Connection Profiles?

A. Assigned IP address 10.0.1.50

B. Client TypE. SSL VPN Client

C. Authentication ModE. Certificate and User Password

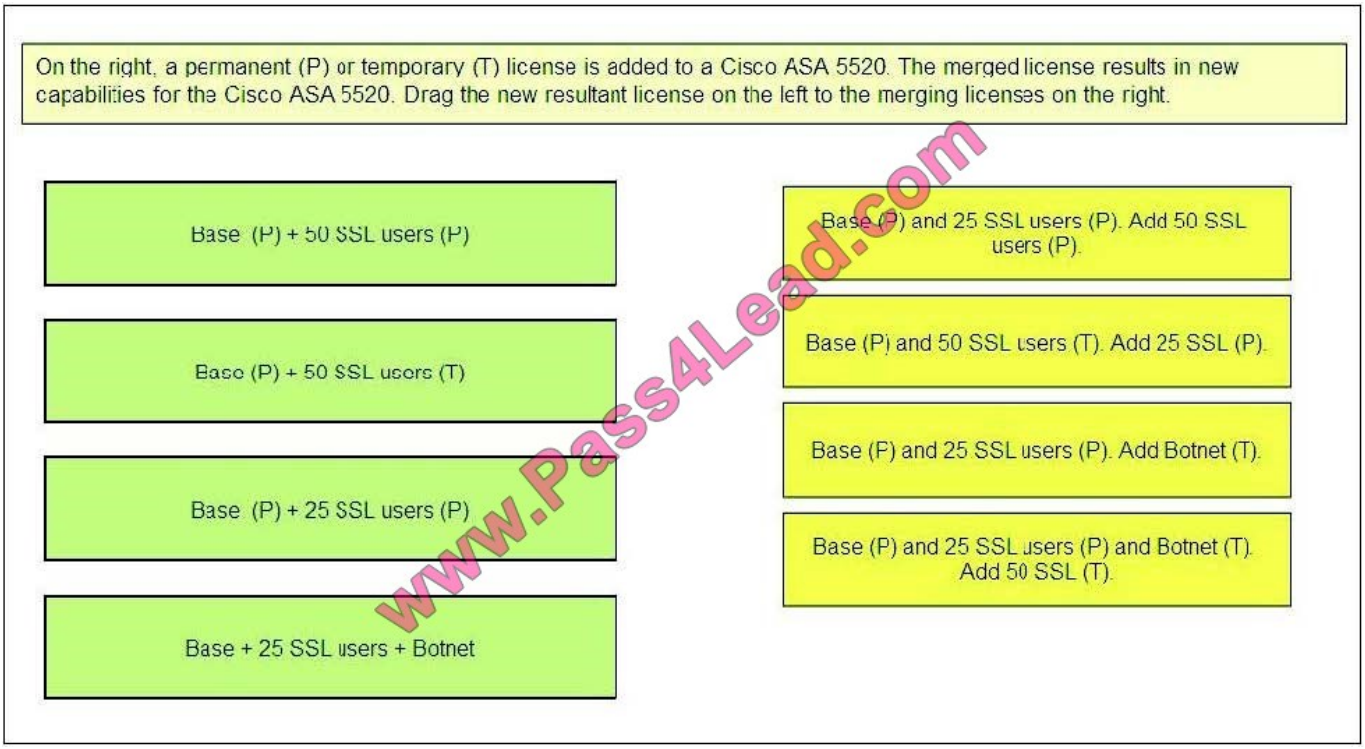
D. Client Ver: Cisco AnyConnect VPN Agent for Windows

Correct Answer: C

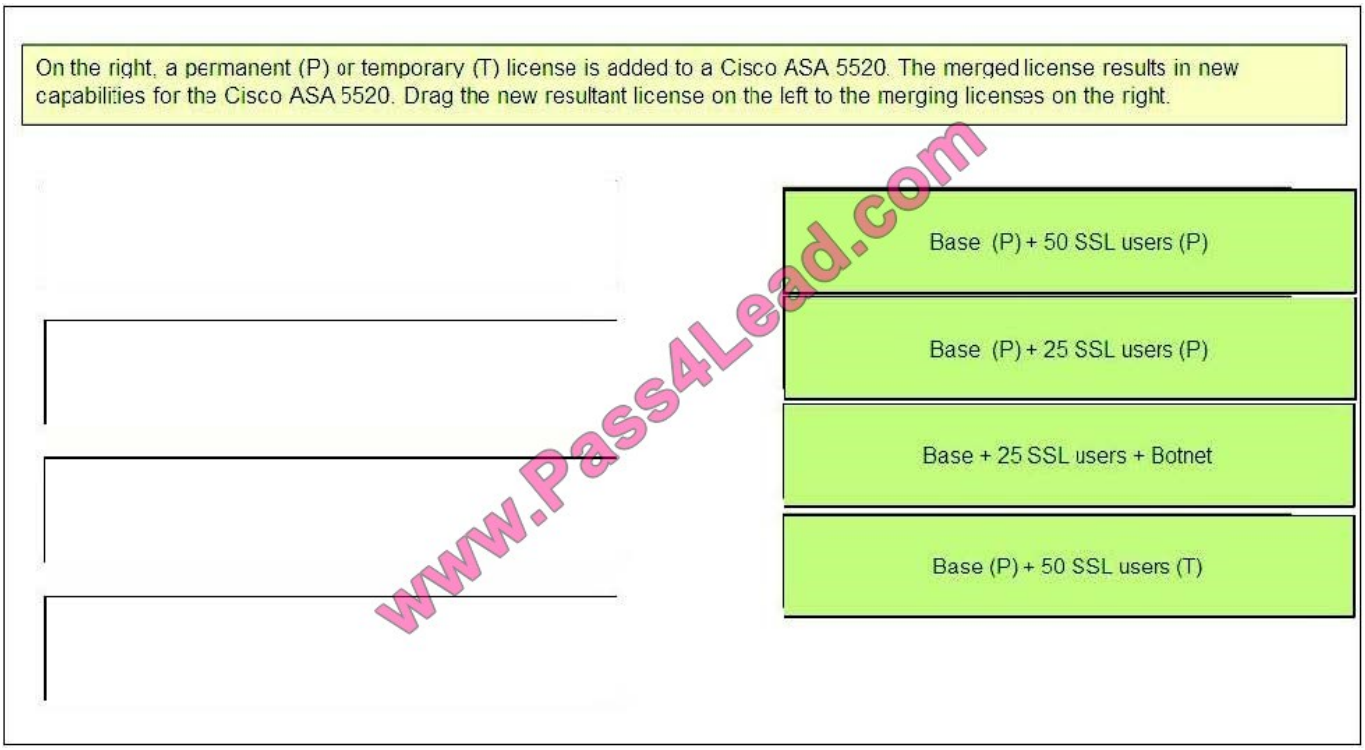
QUESTION 6

On the right, a permanent (P) or temporary (T) license is added to a Cisco ASA 5520. The merged license result in new capabilities for the Cisco ASA 5520. Drag the new resultant license on the left to the merging licenses on the right.

Select and Place:



Correct Answer:



QUESTION 7

Which statement is correct concerning the trusted network detection (TND) feature?

A. The Cisco AnyConnect 3.0 Client supports TND on Windows, Mac, and Linux platforms.

B. With TND, one result of a Cisco Secure Desktop basic scan on an endpoint is to determine whether a device is a member of a trusted or an untrusted network.

C. If enabled, and a CSD scan determines that a host is a member of an untrusted network, an administrator can configure the TND feature to prohibit an end user from launching the Cisco AnyConnect VPN Client.

D. When the user is inside the corporate network, TND can be configured to automatically disconnect a Cisco AnyConnect session.

Correct Answer: D

http://www.cisco.com/en/US/docs/security/vpn_client/anyconnect/anyconnect25/administration/guide/ac03features.html

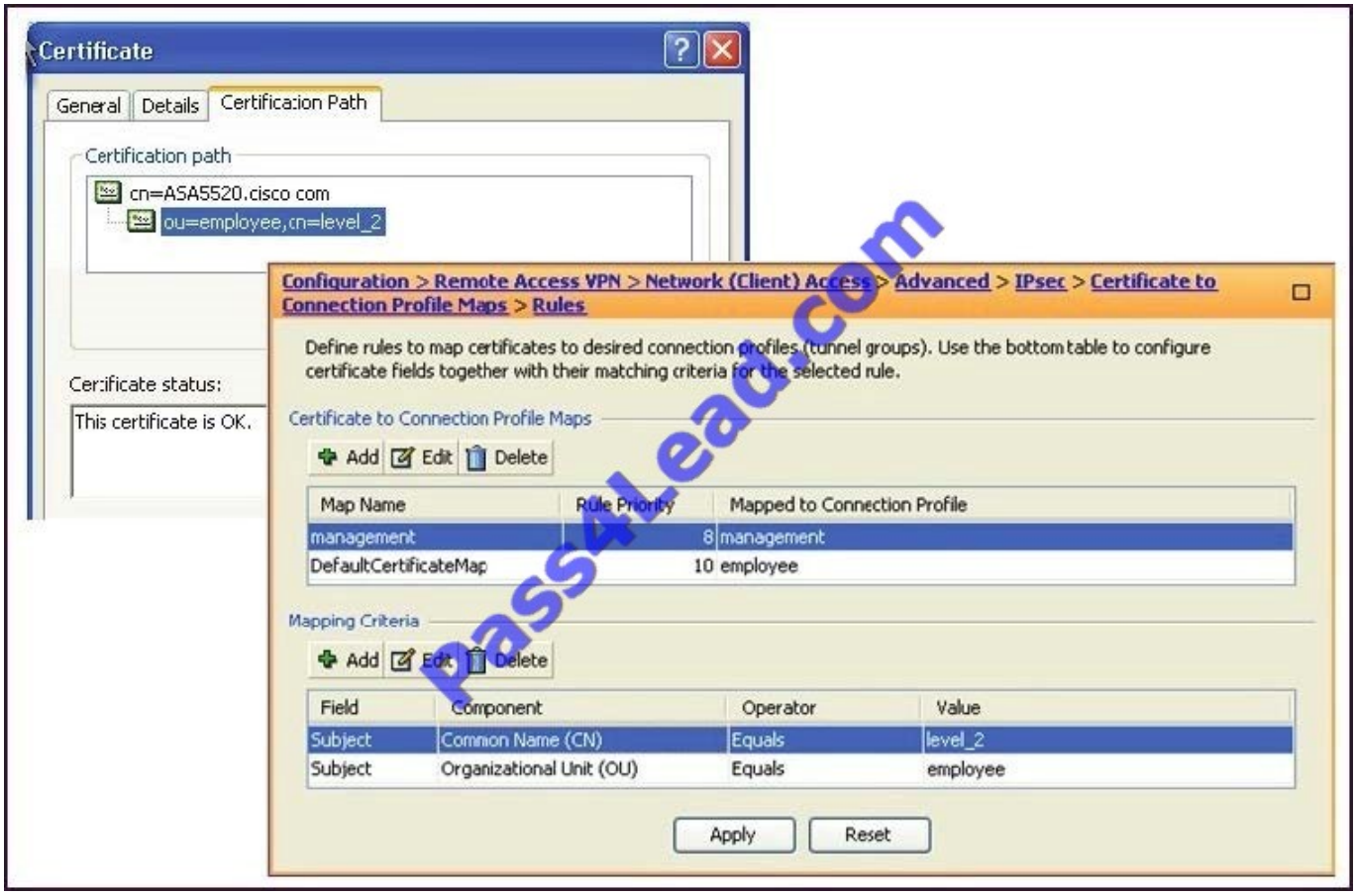
Trusted Network Detection Trusted Network Detection (TND) gives you the ability to have AnyConnect automatically disconnect a VPN connection when the user is inside the corporate network (the trusted network) and start the VPN connection when the user is outside the corporate network (the untrusted network). This feature encourages greater security awareness by initiating a VPN connection when the user is outside the trusted network.

If AnyConnect is also running Start Before Logon (SBL), and the user moves into the trusted network, the SBL window displayed on the computer automatically closes. TND does not interfere with the ability of the user to manually establish a VPN connection. It does not disconnect a VPN connection that the user starts manually in the trusted network. TND only disconnects the VPN session if the user first connects in an untrusted network and moves into a trusted network. For example, TND disconnects the VPN session if the user makes a VPN connection at home and then moves into the corporate office. Because the TND feature controls the AnyConnect GUI and automatically initiates connections, the GUI should run at all times. If the user exits the GUI, TND does not automatically start the VPN connection.

You configure TND in the AnyConnect profile. No changes are required to the ASA configuration.

QUESTION 8

Refer to the exhibit.



The ABC Corporation is changing remote-user authentication from pre-shared keys to certificate-based authentication. For most employee authentication, its group membership (the employees) governs corporate access. Certain management personnel need access to more confidential servers. Access is based on the group and name, such as finance and level_2. When it is time to pilot the new authentication policy, a finance manager is able to access the department-assigned servers but cannot access the restricted servers.

As the network engineer, where would you look for the problem?

A. Check the validity of the identity and root certificate on the PC of the finance manager.

B. Change the Management Certificate to Connection Profile Maps > Rule Priority to a number that is greater than 10.

C. Check if the Management Certificate to Connection Profile Maps > Rules is configured correctly.

D. Check if the Certificate to Connection Profile Maps > Policy is set correctly.

Correct Answer: D

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QUESTION 9

Which three statements about clientless SSL VPN are true? (Choose three.)

A. Users are not tied to a particular PC or workstation.

B. Users have full application access to internal corporate resources.

C. Minimal IT support is required.

D. Cisco AnyConnect SSL VPN software is automatically downloaded to the remote user at the start of the clientless session.

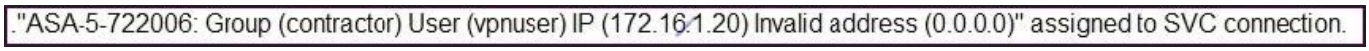
E. For security reasons, browser cookies are disabled for clientless SSL VPN sessions.

F. Clientless SSL VPN requires an SSL-enabled web browser.

Correct Answer: ACF

QUESTION 10

Refer to the exhibit.



While troubleshooting on a remote-access VPN application, a new NOC engineer received the message that is shown.

What is the most likely cause of the problem?

A. The IP address that is assigned to the PC of the VPN user is not within the range of addresses that are assigned to the SVC connection.

B. The IP address that is assigned to the PC of the VPN user is in use. The remote user needs to select a different host address within the range.

C. The IP address that is assigned to the PC of the VPN user is in the wrong subnet. The remote user needs to select a different host number within the correct subnet.

D. The IP address pool for contractors was not applied to their connection profile.

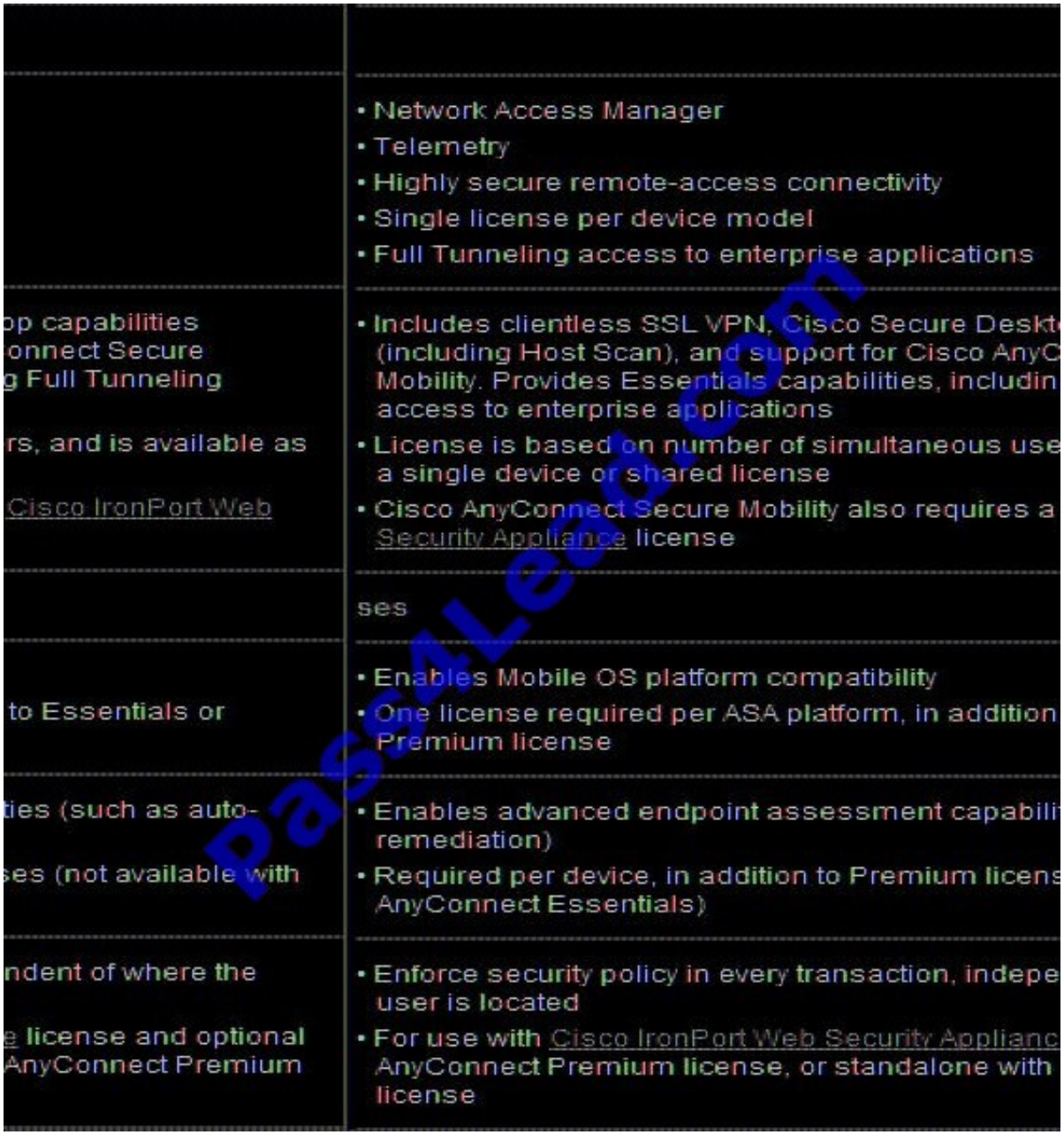
Correct Answer: D

%ASA-5-722006: Group group User user-name IP IP_address Invalid address IP_address assigned to SVC connection. An invalid address was assigned to the user. Recommended Action Verify and correct the address assignment, if possible.

QUESTION 11

Clientless Applications

Application Type	Panel	Filename
Standard	Application Access	app-access-hlp.inc
Standard	Browse Networks	file-access-hlp.inc
Standard	AnyConnect Client	net-access-hlp.inc
Standard	Web Access	web-access-hlp.inc
Plug-in	MetaFrame Access	ica-hlp.inc
Plug-in	Terminal Servers	rdp-hlp.inc
Plug-in	Telnet/SSH Servers	ssh,telnet-hlp.inc
Plug-in	VNC Connections	vnc-hlp.inc



An engineer, while working at a home office, wants to launch the Cisco AnyConnect Client to the corporate offices while simultaneously printing network designs on the home network.

Without allowing access to the Internet, what are the two best ways for the administrator to configure this application? (Choose two.)

A. Select the Tunnel All Networks policy.

B. Select the Tunnel Network List Below policy.

C. Select the Exclude Network List Below policy.

D. Configure an exempted network list.

E. Configure a standard access list and apply it to the network list.

F. Configure an extended access list and apply it to the network list.

Correct Answer: CE

http://www.cisco.com/en/US/products/ps6120/products_configuration_example09186a0080702992.shtml

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QUESTION 12

A remote user who establishes a clientless SSL VPN session is presented with a web page. The administrator has the option to customize the "look and feel" of the page. What are three components of the VPN Customization Editor? (Choose three.)

A. Application page

B. Logon page

C. Networking page

D. Logout page

E. Home page

F. Portal page

Correct Answer: BDF

GUI Enhancements In Cisco IOS Release 12.4(15)T, ergonomic improvements were made to the GUI user interface of the Cisco IOS SSL VPN gateway. The improved customization of the user interface provides for greater flexibility and the ability to tailor portal pages for individualized looks. Enhancements were made to the following web screens: ?Login screen ?Portal page

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