ISLEVER

70-299

Implementing Security in a MS Win Server2003 Network

DEMO

You work as the network administrator at CertKiller.com. The CertKiller.com network consists of a single Active Directory domain named CertKiller.com. All servers on the CertKiller.com network run Windows Server 2003 and all client computers run Windows XP Professional.

At CertKiller.com there are two Routing and Remote Access servers named CERTKILLER-SR12 and CERTKILLER-SR21. There is also an Internet Authentication Services server named CERTKILLER-SR15. The IAS server is set to provide accounting and centralized authentication of users connecting via CERTKILLER-SR12 and CERTKILLER-SR21. There are certain CertKiller.com network users who need to work from home. They will all require 24 hour access 7 days a week.

It is your responsibility to create the appropriate remote access policies for CertKiller.com. To accommodate all the Remote access users you create a remote access policy that is configured to allow the Remote Users group the appropriate access to the VPN. For a while the network operated normally but certain remote users started complaining about not being able to access the VPN. You investigate and discover all the successfully connected users connected using a local user account located on CERTKILLER-SR15. You need to ensure that remote access is available whilst using the least amount of administrative effort.

What should you do?

A. Check whether CERTKILLER-SR12 and CERTKILLER-SR21 are set to support RADIUS accounting and authentication
B. Add CERTKILLER-SR12 and CERTKILLER-SR21 to the RAS and IAS Servers group in Active Directory
C. Promote the IAS server CERTKILLER-SR15 to a domain controller
D. Add CERTKILLER-SR15 to the RAS and IAS Server group in Active Directory

Answer: D

Explanation:
The IAS server requires being able to read all user objects attributes which can be achieved by adding CERTKILLER-SR15 to the RAS and IAS Servers group in Active Directory.
Incorrect Answers:
A: The scenario states that some users connect successfully. Thus it means that the Routing and Remote Access servers are configured properly.
B: These servers do not require being added to the RAS and IAS Servers group as they do not actually authenticate the user accounts.
C: This option will also achieve the scenario objective but requires too much administrative effort.Reference:

QUESTION NO: 2

You work as the network administrator at CertKiller.com. The CertKiller.com network consists of a single Active Directory domain named CertKiller.com. All servers on the CertKiller.com network run Windows Server 2003. Half the client computers are portable computers, and the rest are desktop computers. The client computers are running a mix of Windows 2000 Professional Windows XP Professional.

There are many CertKiller.com Sales department users that work out of the office due to the nature of their job description. These Sales department users require access to resources on CertKiller.com when out of the office. It is your responsibility to provide the Sales department users with access to the network. To this end you have five servers that are running with Routing and Remote Access services configured for VPN connectivity. All these servers are configured with the same remote access policy.

A new written security policy has recently been issued by the CertKiller.com management and consequently you had to reconfigure the policies on each of these servers. Because of the policy changes you received instruction to centralize the remote access policies to ensure that any future changes to the policies can be made once and applied to all remote access servers.

What should you do?

A. A Domain Group Policy to apply any changes should be configured.
B. The Routing and Remote Access servers must be configured to use Internet Authentication Services (IAS).
C. An application directory partition must be implemented.
D. Extensible Authentication Protocol (EAP) should be configured on all the Routing and Remote Access servers.

Answer: B

Explanation:
: IAS makes use of Remote Authentication Dial-In User Service (RADIUS) to centralize policies, logging, and authentication services from a single location. This would be ideal under the circumstances of ever-changing policy application.

QUESTION NO: 3

You work as the network administrator at CertKiller.com. The CertKiller.com network consists of a single Active Directory domain named CertKiller.com. All servers on the CertKiller.com network run Windows Server 2003 and some run Windows 2000 Server and all client computers are laptop computers that run Windows XP Professional.

At CertKiller.com there are two Routing and Remote Access servers named CERTKILLER-SR02 and CERTKILLER-SR05 respectively. The Routing and Remote Access servers are configured to accept connection requests through VPN and dial-up connections. The laptop client computers of the CertKiller.com domain currently make use of the MS-CHAP v2 protocol for authenticating to the network.

A new CertKiller.com written security policy requires centralized remote connection authentications. The policy further states that all remote connections to the CertKiller.com corporate network authenticate using smart cards ensuring the data is encrypted with L2TP with IPSec. To this end you have received instruction from the CIO to comply with the security policy. You thus need to plan a new design for both VPN and dial-up connections.

What should you do?

A. An IAS server and VPN server must be added to the domain.
CERTKILLER-SR02 and CERTKILLER-SR05 and the new VPN server must be configured to use the IAS server for authentication and make use of the EAP-TLS protocol for authentication on the IAS server
B. An additional VPN server must be added to the domain.
CERTKILLER-SR02 and CERTKILLER-SR05 must be configured to use the new VPN server for authentication and make use of the EAP-TLS protocol for authentication on the VPN server.
C. An additional IAS server and VPN server must be added to the domain.
CERTKILLER-SR02 and CERTKILLER-SR05 and the new VPN server must be configured to use the IAS server for authentication and make use of the MS-CHAP v2 protocol for authentication on the IAS server.
D. An additional VPN server must be added to the domain.
CERTKILLER-SR02 and CERTKILLER-SR05 must be configured to use the new VPN server for authentication and make use of the MS-CHAP v2 protocol for authentication on the VPN server.

Answer: A

Explanation:
In the scenario you are required to use smartcards authentication and this will be achieved by adding the additional IAS server to the domain and configuring your Routing and Remote Access Service servers to use the added IAS server which should be configured to use EAP-TLS for authentication as this protocol supports the use of smartcards.
Incorrect Answers:
B: The problem with this implementation is that the authentication will not be centralized as the scenario state it is imperative authentication is centralized.
C: There is only one problem in this option and that's the use of MS-CHAP v2 as this protocol does not support smartcard authentication.
D: The problem with this implementation is that the authentication will not be centralized as the scenario state it is imperative authentication is centralized.Reference: