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Vendor:Microsoft

Exam Code:70-414

Exam Name:Implementing an Advanced Server
Infrastructure

Version:Demo

QUESTION 1

Your network contains an Active Directory domain named contoso.com. The network has an Active Directory Certificate Services (AD CS) infrastructure.

You need to issue a certificate to users to meet the following requirements:

Ensure that the users can encrypt files by using Encrypting File System (EFS).

Ensure that all of the users reenroll for their certificate every six months.

Solution: From the properties of the User certificate template, you assign the Allow - Enroll permission to the Authenticated Users group.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 2

Your network contains an Active Directory domain named contoso.com.

You plan to deploy an Active Directory Federation Services (AD FS) farm that will contain eight federation servers. All servers run Windows Server 2012 R2.

You need to identify which technologies must be deployed on the network before you install the federation servers.

Which technology or technologies should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

A. Network Load Balancing (NLB)

B. Microsoft Forefront Identity Manager (FIM) 2010

C. The Windows Internal Database feature

D. The Windows Identity Foundation 3.5 feature

Correct Answer: A

Best practices for deploying a federation server farm. We recommend the following best practices for deploying a federation server in a production environment:

(A) Use NLB or some other form of clustering to allocate a single IP address for many federation server computers.

If the AD FS configuration database will be stored in an SQL database, avoid editing the SQL database from multiple federation servers at the same time.

If you will be deploying multiple federation servers at the same time or you know that you will be adding more servers to the farm over time, consider creating a server image of an existing federation server in the farm and then installing from that image when you need to create additional federation servers quickly.

Reserve a static IP address for each federation server in the farm and, depending on your Domain Name System (DNS) configuration, insert an exclusion for each IP address in Dynamic Host Configuration Protocol (DHCP). Microsoft NLB technology requires that each server that participates in the NLB cluster be assigned a static IP address.

QUESTION 3

Your network contains the following roles and applications:

Web Server (IIS)

File and Storage Services

Microsoft SQL Server 2008 R2

Active Directory Domain Services (AD DS)

Active Directory Certificate Services (AD CS)

You plan to deploy Active Directory Federation Services (AD FS).

You need to identify which deployed services or applications can be used as attribute stores for the planned AD FS deployment.

Which two services or applications should you identify? Each correct answer presents a complete solution.

A. AD DS

B. AD CS

C. File and Storage Services

D. Microsoft SQL Server 2008 R2

E. IIS

Correct Answer: AD

References: <https://docs.microsoft.com/en-us/windows-server/identity/ad-fs/technical-reference/the-role-of-attribute-stores#attribute-stores-that-are-supported-by-ad-fs>

QUESTION 4

You need to ensure that the developers can manage their own virtual machines.

Solution: You perform the following actions:

In Virtual Machine Manager, you create a new user role named DevUsers that uses the Application Administrator

profile.

You grant Checkpoint permissions to the DevUsers role.

You distribute the Self-Service Portal URL to the developers.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 5

You have a properly configured certification authority in an Active Directory Domain Services domain.

You must implement two-factor authentication and use virtual smart cards to secure user sessions.

You need to implement two-factor authentication for each client device.

What should you install on each client device?

A. a smart card reader

B. a user certificate issued by a certification authority

C. a Trusted Platform Module (TPM) chip

D. a local computer certificate issued by a certificate authority

Correct Answer: A

Smart cards and their associated personal identification numbers (PINs) are an increasingly popular, reliable, and cost-effective form of two-factor authentication. With the right controls in place, a user must have the smart card and know the PIN to gain access to network resources. When a user needs to log on to a system, she places the smart card in a smart card reader or simply swipes it across the reader itself. The certificate is read, and the user is prompted only for a PIN, which is uniquely assigned to each user. After the PIN and the certificate are verified, the user is logged on to the domain.

References: <http://blog.windowsserversecurity.com/2012/01/17/a-complete-guide-on-active-directory-certificate-services-in-windows-server-2008-r2/>

QUESTION 6

Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System Center 2012 R2 infrastructure. You deploy a service named Service1 by using a service template. Service1 contains two virtual machines. The virtual machines are configured as shown in the following table.

Virtual machine name	Roles and software
VM1	Web server Windows Server 2012 R2 Operations Manager agent Configuration Manager agent
VM2	Windows Server 2012 R2 Operations Manager agent Microsoft SQL Server 2014 Service Pack (SP2) Configuration Manager agent

You need to recommend a monitoring solution to ensure that an administrator can review the availability information of Service1. What should you do?

- A. From Configuration Manager, create a Collection and a Desired Configuration Management baseline.
- B. From Virtual Machine Manager (VMM), modify the properties of the service template.
- C. From Operations Manager, create a Distributed Application and a Monitor Override.
- D. From Operations Manager, create a Distributed Application and a Service Level Tracking object.

Correct Answer: D

Display data through addition of widgets New web console Dashboards can be easily updated

Microsoft System Center Operations Manager 2012 offers significant new functionality, including enhanced network monitoring and application performance monitoring, as well as architectural changes to remove the root management server and to add management server pools. These capabilities are all important, but one of the most interesting investments is Operations Manager 2012's integrated dashboard functionality.

QUESTION 7

You need to recommend changes to the virtual desktop infrastructure (VDI) environment. What should you recommend?

- A. Implement Hyper-V replication between VDI1 and VDI2.
- B. Create new VDI virtual machines that are Generation 2 virtual machines.
- C. Convert the existing VHDXs to .vhd format.
- D. Move the VHDXs to a Cluster Shared Volume (CSV) and implement Data Deduplication on the CSV.

Correct Answer: D

QUESTION 8

Your network contains a Hyper-V host named Host1. Host1 hosts 25 virtual machines.

All of the virtual machines are configured to start automatically when Host1 restarts.

You discover that some of the virtual machines fail to start automatically when Host1 restarts and require an administrator to start them manually.

You need to modify the settings of the virtual machines to ensure that they automatically restart when Host1 restarts.

Which settings should you modify?

- A. Memory
- B. BIOS
- C. Integration Services
- D. Processor

Correct Answer: A

QUESTION 9

Your network contains an Active Directory forest named contoso.com. The forest contains multiple servers that run Windows Server 2012. The network contains 1,000 client computers that run Windows 7. Two hundred remote users have

laptop computers and only work from home.

The network does not provide remote access to users.

You need to recommend a monitoring solution to meet the following requirements:

Generate a list of updates that are applied successfully to all computers.

Minimize the amount of bandwidth used to download updates.

An administrator must approve the installation of an update on any client computer.

What should you include in the recommendation? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Microsoft Asset Inventory Service (AIS)
- B. Windows InTune
- C. Windows Server Update Services (WSUS)
- D. Active Directory Federation Services (AD FS)
- E. Microsoft System Center 2012 Service Manager

Correct Answer: ABC

QUESTION 10

Your Active Directory currently contains five virtualized domain controllers that run Windows Server 2012 R2.

The system state of each domain controller is backed up daily. The backups are shipped to a remote location weekly.

Your company recently implemented a disaster recovery site that contains several servers. The servers run Windows Server 2012 R2 and have the Hyper-V server role installed. The disaster recovery site has a high-speed WAN link to the

main office.

You need to create an Active Directory recovery plan that meets the following requirements:

Restores the Active Directory if a catastrophe prevents all access to the main office.

Minimizes data loss.

What should you include in the plan?

- A. Hyper-V replicas
- B. Live migration
- C. Virtual machine checkpoints
- D. System state restores

Correct Answer: A

QUESTION 11

You plan to delegate the management of virtual machines to five groups by using Microsoft System Center 2012 Virtual Machine Manager (VMM).

The network contains 20 Hyper-V hosts in a host group named HostGroup1. You identify the requirements for each group as shown in the following table.

Group name	Requirement
VMAdmins1	Must only be able to manage the virtual machines hosted in HostGroup1.
VMAdmins2	Must only be able to manage the virtual machines that the group creates.
VMAdmins3	Must only be able to view the status of the hosts in HostGroup1.
VMAdmins4	Must be able to manage all of the hosts in all of the host groups.

You need to identify which user role must be assigned to each group.

Which user roles should you identify?

To answer, drag the appropriate user role to the correct group in the answer area. Each user role may be used once, more than once, or not at all. Additionally, you may need to drag the split bar

between panes or scroll to view content.

Select and Place:

The screenshot shows a drag-and-drop interface. On the left, under the heading "User roles", there are four yellow buttons: "Administrators", "Delegated Administrators", "Read-Only Administrators", and "Self-Service Users". On the right, under the heading "Answer Area", there is a table with four rows, each containing a group name and a "User role" placeholder.

Answer Area	
VMAdmins1	User role
VMAdmins2	User role
VMAdmins3	User role
VMAdmins4	User role

Correct Answer:

The screenshot shows the same drag-and-drop interface as above, but with the user roles assigned to the groups in the answer area. The "Delegated Administrators" role is assigned to VMAdmins1, "Self-Service Users" to VMAdmins2, "Read-Only Administrators" to VMAdmins3, and "Administrators" to VMAdmins4.

Answer Area	
VMAdmins1	Delegated Administrators
VMAdmins2	Self-Service Users
VMAdmins3	Read-Only Administrators
VMAdmins4	Administrators

QUESTION 12

Your network contains an Active Directory domain named contoso.com.

You plan to implement Network Load Balancing (NLB).

You need to identify which network services and applications can be load balanced by using NLB.

Which three services and applications should you identify?

- A. Microsoft SQL Server 2012 Reporting Services
- B. Microsoft Exchange Server 2010 Client Access servers
- C. A DHCP server
- D. Microsoft Exchange Server 2010 Mailbox server
- E. file servers
- F. Microsoft SharePoint Server 2010 front-end Web server

Correct Answer: ABF

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