Vendor: Microsoft

Exam Code: 70-413

Exam Name: Designing and Implementing a Server Infrastructure

Version: DEMO

Overview

Parnell Aerospace designs materials and components that are used for commercial airlines. Parnell has a main office in Dallas and branch offices m Seattle, Atlanta, and New York Parnell has an Active Directory Domain Services (AD DS) domain named parnellaero.com for the Dallas and Manta offices. The forest and
Domain functional levels are set to Windows Server 2008.

Domain Controllers

The domain controllers are displayed in the following table:

Name	Role	Location	IP Address
PAR-DC01	Domain controller	Dallas	192.168.100.100
PAR-DC02	Domain controller	Dallas	192.168.100.101
PAR-DC03	Domain controller	Atlanta	172.16.1.1
PAR-DC04	Domain controller	Atlanta	172.16.1.2

The Seattle and New York offices have then own child domain named sales.parnellaero.com. The domain controllers are displayed in the following table.

Name	Role	Location	IP Address
SALE-DC01	Domain controller	Seattle	10.100.1.1
SALE-DC02	Domain controller	Seattle	10.100.1.2
SALE-DC03	Domain controller	New York	10.200.1.1
SALE-DC04	Domain controller	New York	10.200.1.2

Parnell also has a number of satellite offices, without domain controllers, that act as both sales and design locations.
Employees have the ability to walk into any office to connect to their respective domain and access the software they need.
All servers in each office run Windows Server 2012 R2 and are 64-bit platforms. Client devices in each office run windows 7 and windows 8.1.

QUESTION 1
You need to plan the migration of App1. What should you do?

A. Install App1 on drive C. Move all of the data that supports App1 to drive D.
B. Expand the size of drive C Install App1 and all of the data that supports the app on drive C
C. Install App1 on drive D. Move all of the data that supports App1 to an additional data drive.
D. Install App1 on drive C. Move all of the data that supports App1 to an additional data drive.

Answer: C

QUESTION 2
Hotspot Question
You need to design the acquisition strategy for Margie's Travel.
What should you do? To answer, select the appropriate option for each action in the answer area.

Answer Area

Action	
Install the Active Directory Migration Tool on server:	ALP-CA01 ALP-DC01 ALP-DC02 ALP-DC03 ALP-DC04
Specify the following user account option:	Account is disabled Password never expires User cannot change password Do not require Kerberos preauthentication Store password using reversible encryption User must change password at next logon

Answer:

Answer Area

Action	
Install the Active Directory Migration Tool on server:	ALP-CA01 **ALP-DC01** ALP-DC02 ALP-DC03 ALP-DC04
Specify the following user account option:	Account is disabled **Password never expires** User cannot change password Do not require Kerberos preauthentication Store password using reversible encryption User must change password at next logon

QUESTION 2
Your network contains an Active Directory domain named contoso.com.

Your company has an enterprise root certification authority (CA) named CA1.
You plan to deploy Active Directory Federation Services (AD FS) to a server named Serverl. The company purchases a Microsoft Office 365 subscription.
You plan register the company's SMTP domain for Office 365 and to configure single sign-on for all users.
You need to identify which certificate or certificates are required for the planned deployment.
Which certificate or certificates should you identify?
(Each correct answer presents a complete solution. Choose all that apply.)

A. a server authentication certificate that is issued by a trusted third-party root CA and that contains the subject name serverl.contoso.com
B. a server authentication certificate that is issued by CA1 and that contains the subject name Server1
C. a server authentication certificate that is issued by a trusted third-party root CA and that contains the subject name Server1
D. a server authentication certificate that is issued by CA1 and that contains the subject name serverl.contoso.com
E. self-signed server authentication certificates for serverl.contoso.com

Answer: DE
Explanation:
Use the full name. The subject name is commonly represented by using an X.500 or Lightweight Directory Access Protocol (LDAP) format.

QUESTION 3
You plan to simplify the organizational unit (OU) structure for a company.
You must consolidate all member servers in the domain to a single OU named MemberServers.
You need to apply Group Policy settings for servers that meet the following criteria:

```
- Server operating systems: Windows Server 2012
- Server hardware platform: 64-bit
- Server memory: less than 16 6B of RAM
```

Solution: You create a WMI filter action that includes the following query:

```
select * from Win32_OperatingSystem where Version like
"6.2%" and ProductType="1" and OSArchitecture = "64-bit" where
Win32_PhysicalMemory > 16000000000
```

Does this meet the goal?

A. Yes
B. No

Answer: A

QUESTION 4
You plan to simplify the organizational unit (OU) structure for a company.
You must consolidate all member servers in the domain to a single OU named MemberServers.
You must apply Group Policy settings for servers that meet the following criteria:

- Server operating systems: Windows Server 2012
- Server hardware platform: 64-bit
- Server memory: less than 16 GB of RAM

Solution: You create a WMI filter action that includes the following query:

select * from Win32_OperatingSystem where Version like

"6.2%" and ProductType="3" and not OSArchitecture = "64-

bit" WHERE Win32_PhysicalMemory < 16000000000

Does this meet the goal?

A. Yes
B. No

Answer: B

QUESTION 5
Your network contains a server named Server1 that runs Windows Server 2012. Server1 has the DHCP Server server role installed. All of the client computers that are in a subnet named Subnet1 receive their IP address configurations from Server1.
You plan to add another DHCP server named Server2 to Subnet1.
You need to recommend changes to the DHCP infrastructure to ensure that the client computers continue to receive IP addressing information if a single DHCP server fails.
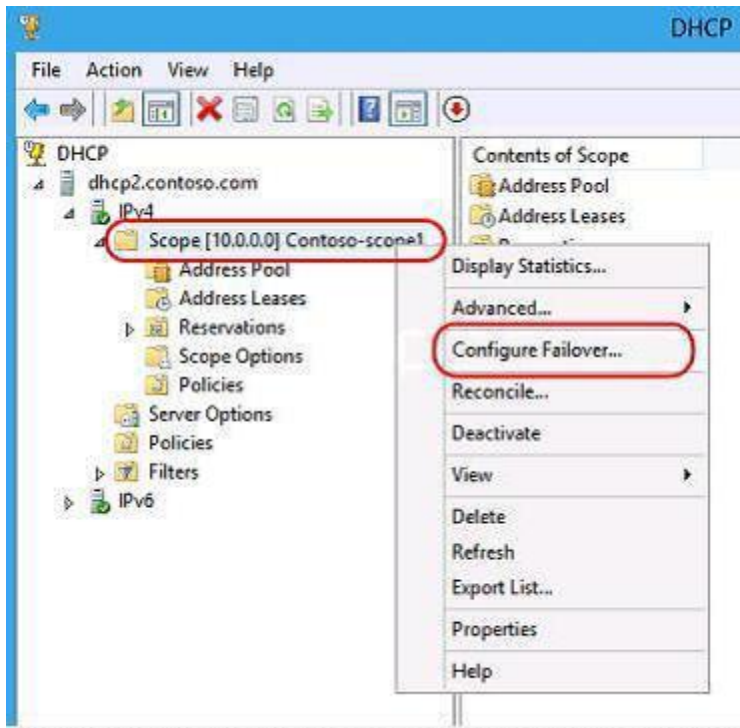What should you do?
More than one answer choice may achieve the goal. Select the BEST answer.

A. Create a Network Load Balancing (NLB) cluster.
B. Configure Failover for the scope.
C. Create a DHCP failover cluster.
D. Create a split scope.

Answer: B
Explanation:
http://blogs.technet.com/b/keithmayer/archive/2012/10/28/step-by-step-scoping-out-thenew-dhcpfailover-inwindows-server-2012-31-days-of-favorite-features-part-28-of-31.aspx#.UQhW-b-jbK0

QUESTION 6
Your network contains an Active Directory domain named contoso.com. All domain controllers run Windows Server 2012 R2. The forest functional level is Windows Server 2012.
Your company plans to deploy an application that will provide a search interface to users in the company. The application will query the global catalog for the Employee-Number attribute.
You need to recommend a solution to ensure that the application can retrieve the Employee-Number value from the global catalog.
What should you include in the recommendation?

 A. the Dsmod command
 B. the Ldifde command
 C. the Enable-ADOptionalFeaturecmdlet
 D. the Csvde command

Answer: B
Explanation:
http://technet.microsoft.com/en-us/library/ee617209.aspx - Enable-AdOptionalFeature
http://technet.microsoft.com/en-us/library/ee617218.aspx - Get-ADOptionalFeature (as of
W2012R2, only OptionalFeature is ActiveDirectory Recycle Bin).

QUESTION 7
Your network contains an Active Directory domain named contoso.com. On several organizational units (OUs), an administrator named Admin1 plans to delegate control of custom tasks.
You need to ensure that Admin1 can delegate a custom task named Task1 by using the Delegation of Control Wizard.
What should you do?

A. Add a new class to the Active Directory schema.
B. Configure a custom MMC console.
C. Modify the Delegwiz.inf file.
D. Configure a new authorization store by using Authorization Manager.

Answer: C
Explanation:
http://support.microsoft.com/kb/308404

QUESTION 8
Your network contains an Active Directory domain named contoso.com.
The domain contains multiple sites.
You plan to deploy DirectAccess. The network security policy states that when client computers connect to the corporate network from the Internet, all of the traffic destined for the Internet must be routed through the corporate network.
You need to recommend a solution for the planned DirectAccess deployment that meets the security policy requirement.
What should you include in the recommendation?

A. Set the ISATAP State to state enabled.
B. Enable split tunneling.
C. Set the ISATAP State to state disabled.
D. Enable force tunneling.

Answer: D
Explanation:
http://blogs.technet.com/b/csstwplatform/archive/2009/12/15/directaccess-how-toconfigure-forcetunneling-forda-so-that-client-are-forced-to-use-ip-https.aspx
You can configure DirectAccess clients to send all of their traffic through the tunnels to the DirectAccess server with force tunneling. When force tunneling is configured, DirectAccess clients that detect that they are on the Internet modify their IPv4 default route so that default route IPv4 traffic is not sent. With the exception of local subnet traffic, all traffic sent by the DirectAccess client is IPv6 traffic that goes through tunnels to the DirectAccess server.

QUESTION 9
Hotspot Question
Your network contains an Active Directory domain named contoso.com. The domain has a certification authority (CA). You create four certificate templates. The templates are configured as shown in the following table,

Template name	Application policy
Template1	Smart card logon
Template2	Client authentication
Template3	Time stamping
Template4	Server authentication

You install the Remote Access server role in the domain. You need to configure DirectAccess to use one-time password (OTP) authentication. What should you do? To answer, select the appropriate options in the answer area,

Answer Area

Software to deploy to contoso.com:

> Network Device Enrollment Service (NDES)
> Network Policy Server (NPS)
> Windows Identity Foundation (WIF) 3.5

Certificate template to use for OTP:

> Template1
> Template2
> Template3
> Template4

Answer:

Answer Area

Software to deploy to contoso.com:

> Network Device Enrollment Service (NDES)
> Network Policy Server (NPS)
> Windows Identity Foundation (WIF) 3.5

Certificate template to use for OTP:

> Template1
> Template2
> Template3
> Template4

QUESTION 10
Your network contains an Active Directory forest named contoso.com.
You plan to deploy 200 Hyper-V hosts by using Microsoft System Center 2012 Virtual Machine Manager (VMM) Service Pack 1 (SP1).
You add a PXE server to the fabric.
You need to identify which objects must be added to the VMM library for the planned deployment.
What should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

A. A host profile
B. A capability profile
C. A hardware profile
D. A generalized image
E. A service template

Answer: AD
Explanation:
Templates and profiles are used to standardize the creation of virtual machines and services.
These configurations are stored in the VMM database but are not represented by physical configuration files.
There are several new types of templates and profiles in VMM, most of which are used for service creation.
There are also host profiles, used for deploying a Hyper-V host from a bare-metal computer, and capability profiles,
used to specify the capabilities of virtual machines on each type of supported hypervisor when virtual machines are deployed to a private cloud.

Note:
* host profile:
A Virtual Machine Manager library resource that contains hardware and operating system configuration
settings to convert a bare-metal computer to a managed Hyper-V host.
*capability profile:
A Virtual Machine Manager library resource that defines which resources (for example, number of processors or maximum memory) are available to a virtual machine that is created in a private cloud.
* Incorrect: service template:
A Virtual Machine Manager library resource that contains the configuration settings used to deploy each tier of a service.
Reference:Technical Documentation for System Center2012 Virtual Machine Manager

QUESTION 11
You plan to deploy multiple servers in a test environment by using Windows Deployment Services (WDS).
You need to identify which network services must be available in the test environment to deploy the servers.
Which network services should you identify?
(Each correct answer presents part of the solution.Choose ail that apply.)

A. DHCP
B. Active Directory Domain Services (AD DS)
C. DNS
D. Active Directory Lightweight Directory Services (AD LDS)
E. WINS
F. Network Policy Server (NPS)

Answer: AC
Explanation:
http://technet.microsoft.com/en-us/library/hh831764.aspx

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