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Exam : **070-246**

Title : Monitoring and Operating a Private Cloud with System Center 2012

Version : Demo

1. Topic 1, A.Datum

Overview

A. Datum Corporation is an accounting company that has 3,000 employees.

A. Datum has two main offices and five branch offices. The main offices are located in London and New York. The branch offices are located in Asia. All offices connect to each other by using a WAN link. Each office connects directly to the Internet.

Existing Environment

Active Directory Environment

The network contains an Active Directory forest named adatum.com. The forest contains a single domain. All domain controllers run Windows Server 2012.

Each office contains five domain controllers. Each office is configured as an Active Directory site.

System Center 2012 Infrastructure

A. Datum has a System Center 2012 infrastructure that contains six servers.

The servers are configured as shown in the following table.

Server name	Role
LON-SQL1	Database server for all System Center 2012 components
LON-VMM1	System Center 2012 Virtual Machine Manager (VMM) Server that has all features installed
LON-SM1	System Center 2012 Service Manager server that has all features installed
LON-OR1	System Center 2012 Orchestrator server that has all features installed
LON-OM1	System Center 2012 Operations Manager management server
LON-AC1	System Center 2012 App Controller

System Center 2012 is used to maintain a private cloud named Cloud1. Cloud1 consists of 10 Hyper-V hosts in the London office.

Cloud1 hosts the following applications:

• A custom accounting application named App1. App1 consists of four virtual machines. Two of the virtual machines have Microsoft SQL Server 2012 installed. The other two virtual machines have the Web Server (IIS) server role installed. App1 is deployed by using a service template.

• A custom marketing application named App2. App2 consists of two virtual machines. One virtual machine has SQL Server 2012 installed. The other virtual machine has the Web Server (IIS) server role installed. App2 is deployed by using virtual machine templates.

• System Center 2012 Configuration Manager

• Microsoft SharePoint Server 2010

• Microsoft Exchange Server 2010

• Microsoft Lync Server 2010

Problem Statements
The virtual machine template used to deploy web servers for App2 does not include the Network Load Balancing (NLB) feature. A. Datum plans to scale out App2 to use NLB.

Requirements
Business Goals
A. Datum plans to make App1 available to its customers by hosting the application in either A. Datum's data center or in a Windows Azure public cloud named Cloud2.
A. Datum wants to minimize hardware and software purchasing costs, whenever possible.

Planned Changes
A. Datum plans to implement the following changes:
• Implement Operations Manager.
• To App1, add a server that has Microsoft BizTalk Server deployed.
• Deploy a new instance of App1 to the New York office. The instance must comply with the Sarbanes-Oxley Act.
• Implement Configuration Manager and integrate Configuration Manager and VMM. Configuration Manager will be used to manage updates for the Hyper-V hosts.

Technical Requirements
A. Datum identifies the following technical requirements:
• Create a runbook that will be used by Service Manager to create an instance of a virtual machine. The virtual machine will be based on a virtual machine template named VMT1. Users must be able to request the creation of instances of the virtual machine from a self-service portal.
• Ensure that the users in the sales department can use a self-service portal to request that a new instance of App1 be created in Cloud1 for a customer. The new instance must only be created if the sales department manager approves the request.
• Ensure that if an Exchange Server 2010 service unexpectedly stops, a series of automatic actions is performed to remediate the service failure. The status of each performed action must be logged in an incident.
• Monitor App1 to ensure that client computers in the New York office can connect to an instance of App1 hosted in the London office. The monitoring solution must perform tasks that emulate a user accessing App1.
• Ensure that database administrators can access alerts, state information, and performance counters for all of the SQL Server servers in Cloud1 from a SharePoint webpage.
• Ensure that the instances of the App2 hosted in Cloud1 are monitored from a graphical diagram that displays all of the components of App2.
• Automatically create and assign incidents in Service Manager when an alert is generated in Operations Manager.
• Ensure that users can receive alert notifications from Operations Manager as Microsoft Lync instant messaging (IM) messages.
• Monitor the availability of the SharePoint Server 2010 server farm from the New York office.
• Ensure that administrators can undo changes made to the custom rules created in Operations Manager.

• Ensure that help desk users can contact the affected users of an incident by using IM.
• Add the new BizTalk Server server to App1 by using a service template.

You need to implement a solution to meet the IM requirements for the help desk users.
What should you do?
A. Install Unified Communications Managed API 3.0 Runtime on LON-SM1.
B. Install the Lync 2010 client on LON-SM1.
C. Create a Service Manager workflow.
D. Create an IM channel.
Answer: B
Explanation:
Ref: http://technet.microsoft.com/en-us/library/hh495482.aspx

2.You need to implement the alert notifications. The solution must meet the technical requirements. A Lync Server administrator enables an account named ADATUM\IMUser for Unified Communications.
What should you do next?
A. Configure ADATUM\IMUser as a Run As Account. Install the Lync Management Pack. Create a notification subscriber and an IM channel.
B. Create a mailbox for the ADATUM\IMUser account Install the Exchange Server Management Pack. Create a notification subscriber and an SMTP channel.
C. Create a mailbox for the ADATUM\IMUser account. Install Microsoft Visual C++ 2008 Runtime. Create a notification subscriber and an SMTP channel.
D. Configure ADATUM\IMUser as a Run As Account. Install Unified Communications Managed API 3.0 Runtime. Create a notification subscriber and an IM channel.
Answer: D

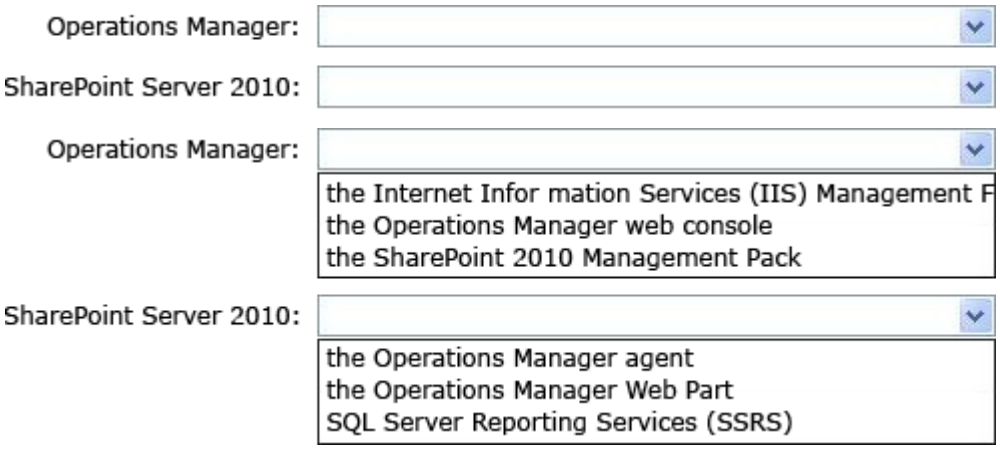
3.You need to recommend a solution to remediate the Exchange Server 2010 service failures. The solution must meet the technical requirements.
What should you include in the recommendation?
A. Create a service request workflow that triggers a dependent activity.
B. Create an incident event workflow that triggers a dependent activity.
C. Create an incident event workflow that triggers a runbook activity.
D. Create a service request workflow that triggers a runbook activity.
Answer: C

4.You need to recommend a solution to meet the monitoring requirements for App2.
What should you include in the recommendation? (More than one answer choice may achieve the goal. Select the BEST answer.)
A. An aggregate rollup monitor
B. A distributed application
C. A dependency rollup monitor
D. Service monitors

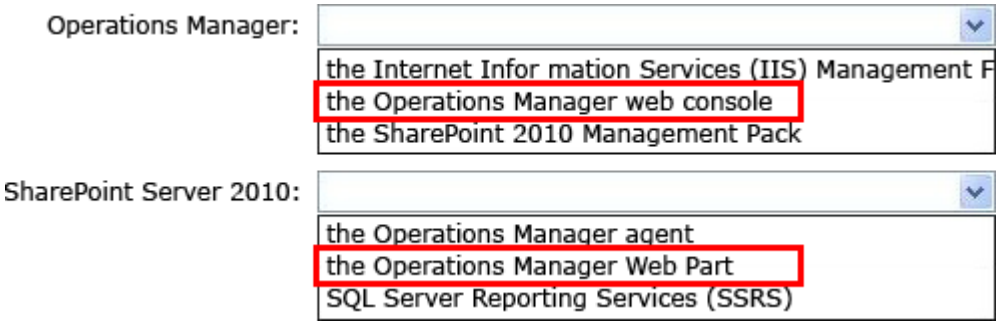
Answer: B

Explanation:
"Ensure that the instances of the App2 hosted in Cloud1 are monitored from a graphical diagram that displays all of the components of App2"

5.HOTSPOT
You need to recommend a solution to meet the monitoring requirements for the database administrators. Which components should you recommend deploying in Operations Manager and SharePoint Server 2010? (To answer, select the appropriate components in the answer area.)



Answer:



Explanation:
http://technet.microsoft.com/en-us/library/hh212924.aspx -
Using SharePoint to View Operations Manager Data
• How to Deploy the Operations Manager Web Part
Before you can add the Operations Manager Web Part to a SharePoint page, the Web Part must be deployed to the SharePoint site.
The Operations Manager web console must be installed on a management server:
How to Add the Operations Manager Web Part to a SharePoint Page
After you deploy the Operations Manager web part to a SharePoint site, you can add the web part to pages.
When you add the web part, you configure it to display a specific dashboard view. For the configuration, you will need the URI for the dashboard view that you want displayed.
How to Configure the Web Part to Connect to a Web Console
After the web part is deployed and activated, you must configure the web part to connect to a web console or environment. You can add more environments at any time. Use the following procedure to configure the environment for a web part.

To configure the environment for a web part by using the user interface
1. On the SharePoint central administration site, in the Site Actions dropdown menu, click View All Site Content.
2. In Lists, click Operations Manager Web Console Environments.
3. Click Add new item.
4. In the Name field, enter a unique name.
5. In the HostURI field, enter the URI to a server hosting the Operations Manager web console. For example: http://ServerName/OperationsManager/
6. Click Save.