



Vendor: Microsoft

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Exam Name: Private Cloud Monitoring and Operations with
System Center 2012

Version: DEMO

Case Study 1: Proseware, Inc (Question 90 - Question 97)

Case Study 2: Contoso Ltd (Question 98 - Question 109)

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Case Study 6: Fabrikam, Inc (Questions 146 - Questions 155)

Overview

Fabrikam, Inc. is a resale company that has 3,000 employees. The company has a main office and a branch office. The main office is located in London. The branch office is located in Montreal. The offices connect to each other by using a WAN link. Each office connects directly to the Internet.

Existing Environment

Active Directory

The network contains an Active Directory forest named fabrikam.com. The forest contains a single domain. All servers run Windows Server 2012 R2.

The main office contains two domain controllers named LON-DC1 and LON-DC2. The branch office contains two domain controllers named MON-DC1 and MON-DC2. Each office is configured as an Active Directory site. The site in London uses an IP address space of 192.168.0.0/17.

The site in Montreal uses an IP address space of 192.168.128.0/17.

System Center 2012 R2 Infrastructure

Fabrikam has a System Center 2012 R2 infrastructure. The infrastructure is configured as shown in the following table.

Server name	Role	Office location
LON-SQL1	The database server for all of the System Center 2012 R2 components	London
LON-VMM1	A Virtual Machine Manager (VMM) server that has all of the features installed	London
LON-SM1	A Service Manager server that has all of the features installed	London
LON-OR1	An Orchestrator server that has all of the features installed	London
LON-OM1	An Operations Manager management server	London
LON-OM2	An Operations Manager management server	London
MON-GW1	An Operations Manager gateway server	Montreal
LON-AC1	An App Controller server	London
LON-DPM1	A Data Protection Manager (DPM) server	London

QUESTION 1

Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named DC1 and a member server named Server1. You have a server named Server2 that is a member of a workgroup. All servers run Windows Server 2012 R2.

Server1 has System Center 2012 R2 Operations Manager installed. DC1 is configured as an enterprise certification authority (CA). Server1 and DC1 are located on the internal network. Server2 is located on a perimeter network.

You need to monitor Server2 by using Operations Manager.

Which three actions should you perform? Each correct answer presents part of the solution.

- A. Request and install a certificate on Server2, and then import the certificate to Server1.
- B. Run the Discovery Wizard on Server1.
- C. Open port UDP 161 and UDP 162 on the firewall between the internal network and the perimeter network.
- D. Open port TCP 5723 on the firewall between the internal network and the perimeter network.
- E. Manually install the Microsoft Monitoring Agent on Server2.
- F. Request and install a certificate on Server1, and then import the certificate to Server2.

Answer: ADE

QUESTION 2

Drag and Drop Questions

You have a System Center 2012 R2 infrastructure that has Operations Manager installed.

Your company is testing a custom application named App1.

App1 is deployed to a test server named Server1. Server1 runs Windows Server 2012 R2.

You push the Operations Manager agent to Server1 and you start to receive alerts from Server1.

You need to give a team of developers historical traces of App1.

The developers will store the traces in Team Foundation Server (TFS).

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Configure an Alert Attachment discovery rule.	
Import the Alert Attachment Management Pack.	
Configure an IntelliTrace collection.	
Import the IntelliTrace Profiling Management Pack.	
Import the System Center Management Pack for Windows Server Operating System.	

Answer:

Actions	Answer Area
Configure an Alert Attachment discovery rule.	Import the Alert Attachment Management Pack.
Import the Alert Attachment Management Pack.	Import the IntelliTrace Profiling Management Pack.
Configure an IntelliTrace collection.	Configure an IntelliTrace collection.
Import the IntelliTrace Profiling Management Pack.	
Import the System Center Management Pack for Windows Server Operating System.	

QUESTION 3

Your company has a private cloud that contains a System Center 2012 R2 infrastructure. You have a server named Server1 that runs Windows Server 2012 R2. Server1 hosts a Java-based application. You need to ensure that you can monitor exceptions generated by the application. Which three actions should you perform? Each correct answer presents part of the solution.

- A. Deploy the Java Application Performance Monitoring agent to Server1.
- B. Import the Management Pack for Java Application Performance Monitoring (APM).
- C. Deploy JavaBeans to Server1.
- D. Import the Management Pack for Java Enterprise Edition (JEE).
- E. Deploy JavaBeans to the Operations Manager server.

Answer: ABD

QUESTION 4

You have a System Center 2012 R2 infrastructure that has Orchestrator and Service Manager installed. Integration between Orchestrator and Service Manager is configured. You need to ensure that when a change request is made in Service Manager, the following requirements are met:

- The ticket number is logged to a file.
- The file contains the ticket numbers for every change request.
- Each time a ticket number is logged to the file, an email message is sent to an administrator.

Which activities should you use in a runbook?

- A. Monitor Object, Insert Line, and Send Email
- B. Get Activity, Append Line, and Send Email
- C. Monitor State, Insert Line, and Send Email
- D. Monitor Object, Append Line, and Send Email

Answer: D

QUESTION 5

Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named DC1 and member servers named Server1 and Server2. Server1 has System Center 2012 R2 Operations Manager installed. Server2 has System Center 2012 R2 Orchestrator installed. Orchestrator has the System Center Integration Pack for System Center 2012 R2 Operations Manager installed.

In Operations Manager, you have a monitor named Monitor1 that triggers an alert named Alert1.

You need to ensure that when Alert1 is triggered, a custom runbook starts.

Which two actions should you perform from Orchestrator? Each correct answer presents part of the solution.

- A. Configure a filter of PrincipalName equals Alert1.
- B. Configure a filter of MonitorObjectName equals Monitor1.
- C. Add the Get Alert activity.
- D. Add the Monitor Alert activity and configure triggers for the alert.
- E. Configure a filter of Name equals Alert1.

Answer: BD

QUESTION 6

Your company has a private cloud that is managed by using a System Center 2012 infrastructure.

You have a web application named WebApp1 that is hosted in another datacenter.

The datacenter is not part of the private cloud.

You need to ensure that Service Manager incidents are generated automatically when WebApp1 is unavailable.

What should you create?

- A. a Service Level Tracking object
- B. an event rule
- C. a synthetic transaction
- D. a service offering

Answer: C

QUESTION 7

The network contains two servers named Server1 and Server2 that run Windows Server 2008

R2. The private cloud contains two servers.

The servers are configured as shown in the following table.

Server name	Configuration	Network segment name
Server1	Audit Collection Services (ACS) forwarder	Network1
Server2	Audit Collection Services (ACS) collector	Network2

The network segments are separated by a firewall. All of the TCP ports from 1 to 1024 are allowed on the firewall.

You need to ensure that Server1 can send security events to Server2.
What should you do?

- A. From the firewall, allow TCP 51909 from Network1 to Network2.
- B. From the firewall, allow TCP 5723 from Network1 to Network2.
- C. Deploy an Operations Manager gateway server.
- D. Deploy an SMTP smart host.

Answer: A

Explanation:

ACS Forwarders Separated from the ACS Collector by a Firewall Because of the limited communication between an ACS forwarder and an ACS collector you only need to open the inbound TCP port 51909 on a firewall to enable an ACS forwarder, separated from your network by a firewall, to reach the ACS collector. <http://technet.microsoft.com/en-us/library/bb309575.aspx>

QUESTION 8

Your company has a datacenter in Los Angeles. The datacenter contains a private cloud that is managed by using a System Center 2012 infrastructure. The infrastructure has the System Center 2012 Service Manager Self-Service Portal installed.

You create a new service offering.

You need to ensure that only three users named Admin1, Admin2, and Admin3 can access the service offering.

What should you do?

- A. Add the service offering and the request offering to a Service Manager group, and then create a Run As Account.
- B. Add the Admin1, Admin2, and Admin3 configuration items to a Service Manager group, and then create a Run As Account.
- C. Add the service offering and the request offering to a Service Manager group, and then create a User Role.
- D. Add the Admin1, Admin2, and Admin3 configuration items to a Service Manager group, and then create a User Role.

Answer: D

Explanation:

With Role based security scoping in SCSM there is the possibility to configure a controlled environment for different service roles. A SCSM role profile is a configuration set to define access to objects, views in the console, operations they can perform and members of the role (AD User/Group). SCSM components of a User role are:

The security scope: Is the security boundary in SCSM. Boundaries can be set on Group/queue, Class, Property & relationships.

UI filter scope: This filter is for defining what an operator can see in the SCSM console. Limiting the options visible in the console improves the usability. UI filters can be set on console tasks, templates and views.

User role profile: SCSM includes some predefined user profiles who include a set of allowed operations with a class/property/relationship scope over objects.

User Assignment: The members of the user role in SCSM. This can be set for users or groups. (Always recommended to use groups)

<http://scug.be/scsm/2010/03/21/service-manager-role-based-security-scoping>

QUESTION 9

Your company has a private cloud that is managed by us.ng a System Center 2012 infrastructure. You have a web application named App1 that is hosted in another datacenter. The datacenter is

not part of the private cloud.

You need to ensure that Service Manager incidents are generated automatically when App1 is unavailable.

What should you create?

- A. a Service Level Tracking object
- B. an event subscription
- C. a channel
- D. a synthetic transaction

Answer: D

Explanation:

To monitor the application that runs on these traditional platforms we leverage custom MP's, synthetic transactions to be able to test websites, and HTTP probes to test web services ensuring that the outside-in functionality of the application is available.

<http://blogs.technet.com/b/server-cloud/archive/2012/03/29/using-system-center-2012-to-monitor-theinfrastructure-amp-application-layers-for-private-public-and-traditional-environments.aspx>

QUESTION 10

Your company has a private cloud that is managed by using a System Center 2012 infrastructure. The network contains a Microsoft SharePoint Server 2010 server farm.

The server farm is hosted on 20 virtual machines.

You deploy a custom solution to the SharePoint server farm.

The solution requires that a new Web.config file be deployed to all of the front-end servers.

You need to identify which front-end servers have an outdated version of the Web.config file.

What should you do?

- A. From Operations Manager, create a monitor.
- B. From Service Manager, create a Virtual Machine Manager (VMM) connector.
- C. From Virtual Machine Manager (VMM), deploy a service template.
- D. From Configuration Manager, deploy a Desired Configuration Management baseline.

Answer: D

Explanation:

Desired configuration management in Configuration Manager 2007 allows you to assess the compliance of computers with regard to a number of configurations, such as whether the correct Microsoft Windows operating system versions are installed and configured appropriately, whether all required applications are installed and configured correctly, whether optional applications are configured appropriately, and whether prohibited applications are installed. Additionally, you can check for compliance with software updates and security settings.

<http://technet.microsoft.com/en-us/library/bb680553.aspx> By

Gol: Typical Microsoft question. Should you create a baseline first or just monitor.

For me identify = Operations Manager

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