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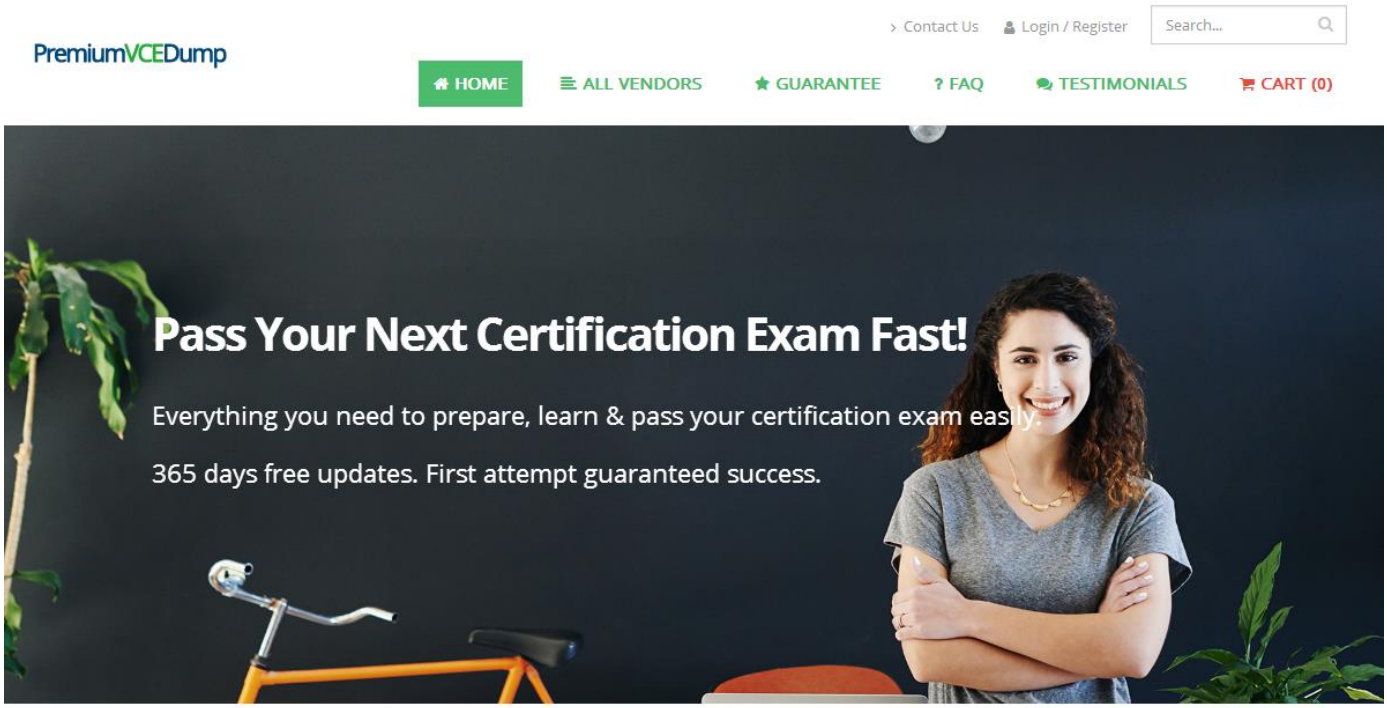

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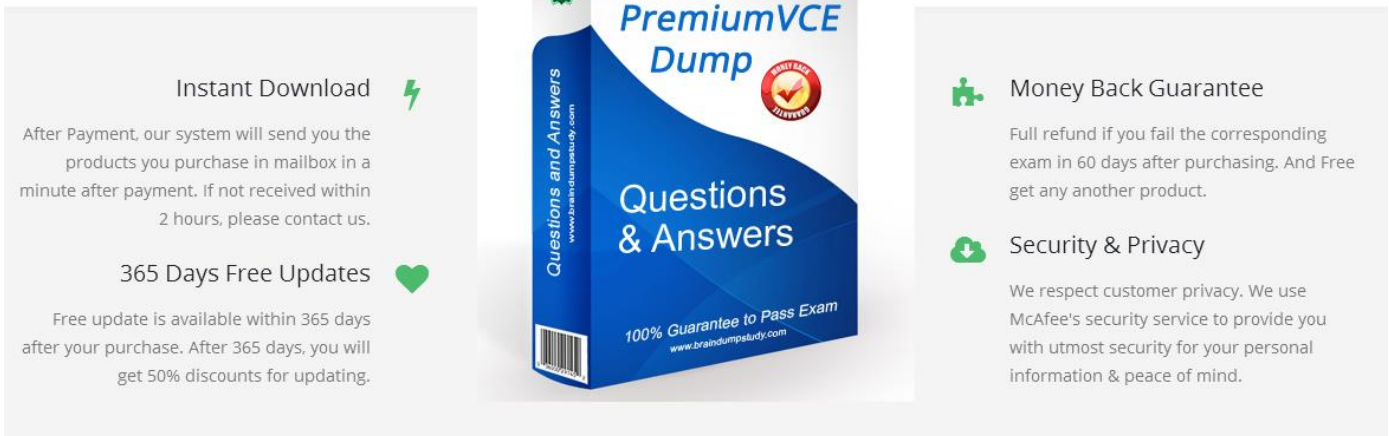

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Exam : **070-246**

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

Vendor : Microsoft

Version : DEMO

NO.1 Your company has a private cloud that contains a Microsoft ASP.NET application.
The application is hosted by Internet Information Services (IIS) on a server named Server1.
The application is accessed by using multiple URLs.
You configure a watcher node on a server named Server2.
You need to ensure that an alert is generated each time the watcher node receives an HTTP error of 400 or more.
The solution must ensure that the cause of the alert is captured.
Which type of monitor should you create from the Operations Manager console?
A. Windows Service
B. Process
C. Web Application Transaction Monitoring
D. TCP Port
Answer: C

NO.2 Your company has a private cloud that contains a System Center 2012 Service Manager instance. Service Manager has the Self-Service Portal installed.
You create a service offering that contains a single request offering. The service offering provides logged-on users with the ability to add their user account automatically to a group named Group1.
You need to ensure that all requests for group membership changes require approval from the security department.
What should you modify?
A. The service request template
B. The request offering
C. The service offering
D. The Service Offering Category list
Answer: A
Explanation:
http://syscen.blogspot.com/2012/01/automating-new-user-creation-with-scsm.html
http://syscen.blogspot.com/2012/02/automating-new-user-creation-with-scsm.html
http://syscen.blogspot.com/2012/02/automating-new-user-creation-with-scsm_09.html
http://syscen.blogspot.com/2012/02/automating-new-user-creation-with-scsm_15.html
1.Create Runbook Automated Activity Template
2.Extend service request class
3.Create Service Request template using the new Class and include the Runbook Automated Activity Template.
4.Create the Service Request Offering.

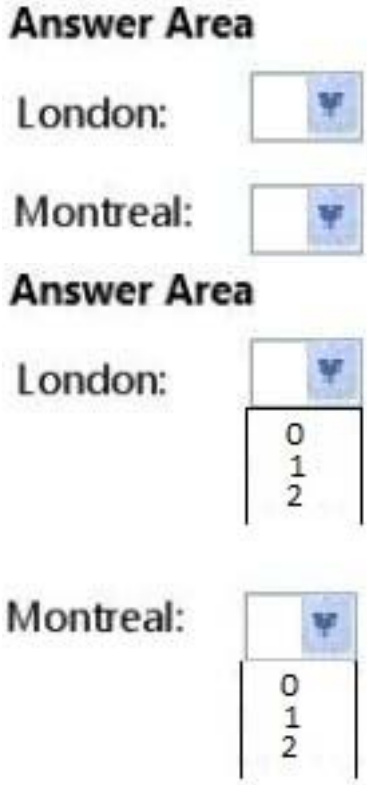
NO.3 Your company has a private cloud that is managed by using a System Center 2012 infrastructure.
The network contains an Operations Manager infrastructure and a Virtual Machine Manager (VMM) infrastructure.
The private cloud contains a clustered VMM solution that has two virtualization hosts.
The VMM solution hosts seven virtual machines.
The virtual machines are configured as shown in the following table.

Virtual machine name	Virtualization host name	Host CPU utilization
VM1	Server1	20 percent
VM2	Server1	20 percent
VM3	Server1	30 percent
VM4	Server1	20 percent
VM5	Server2	20 percent
VM6	Server2	20 percent
VM7	Server2	20 percent

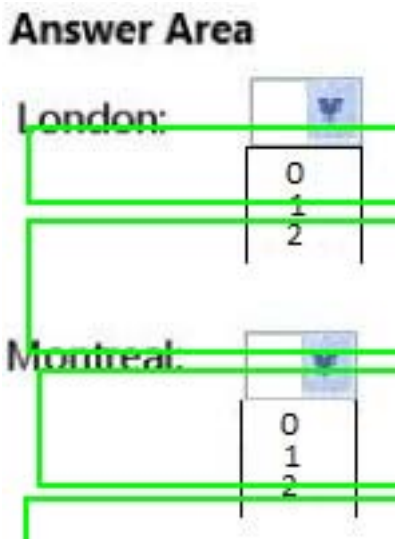
You configure Dynamic Optimization to use the following settings:
- A CPU Dynamic Optimization threshold of 30 percent
- A CPU host reserve threshold of 15 percent
- Low aggressiveness
You monitor the VMM solution and discover that the virtual machines rarely migrate from Server1 to Server2 when CPU utilization exceeds the configured threshold.
You need to increase the likelihood of the virtual machines migrating from Server1 to Server2 when CPU utilization exceeds the configured threshold.
What should you do?
A. set the Aggressiveness to High.
B. Enable Power Optimization.
C. Configure a host profile.
D. Modify the CPU host reserve threshold.
Answer: A
Explanation:
http://blogs.technet.com/b/scvmm/archive/2011/05/04/dynamic-optimization-and-poweroptimization-in-scvmm-2012.aspx
Good post here:
What have you configured regarding the dynamic optimization? How aggressive is the treshold for optimizing your cluster? First of all, you must check the option "Automatically migrate virtual machines to balance load".
Second, specify how aggressive the optimization should be.
The more agressive, the more likely to live migrate VMs even for small gain.
Last, you can also configure the resource treshold for when optimization should kick in.
Default it`s set to 30% CPU and 512 MB RAM.
To test and verify, right click on your cluster, and click "optimize hosts".
VMM will check if it`s anything to gain, on demand, and eventually live migrate VMs to balance the load.
http://social.technet.microsoft.com/Forums/en-US/virtualmachingmgrhyperv/thread/45dfd50da2a4-4a7a-9c88-53fd7cedda77

NO.4 HOTSPOT
You need to identify the maximum number of discovery rules that can be created for the network devices after the planned changes are implemented.

What should you identify? To answer, select the maximum number of discovery rules for the network devices at each location in the answer area.



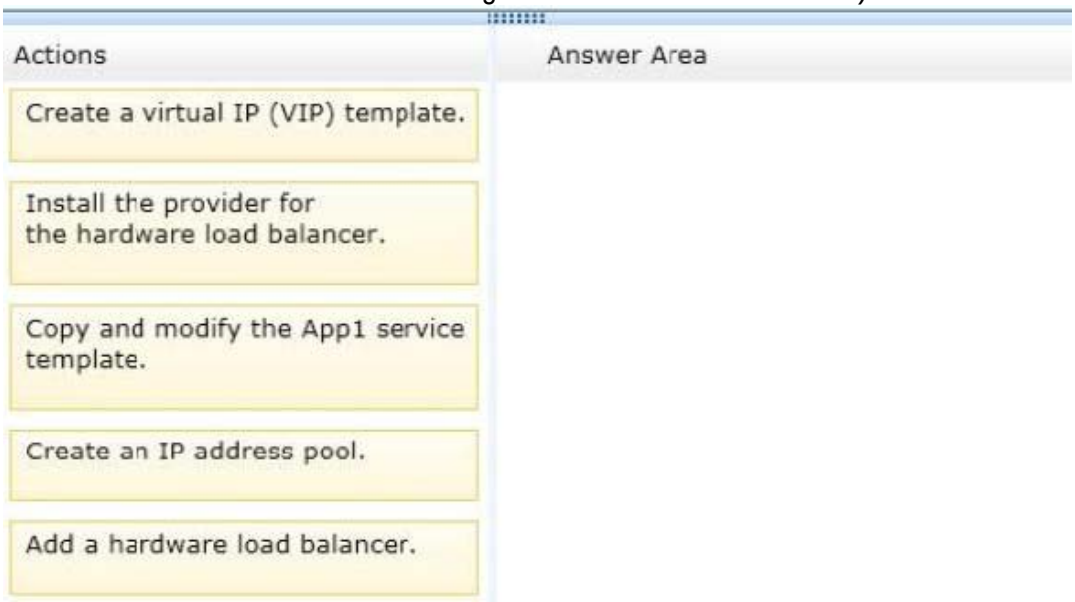
Answer:



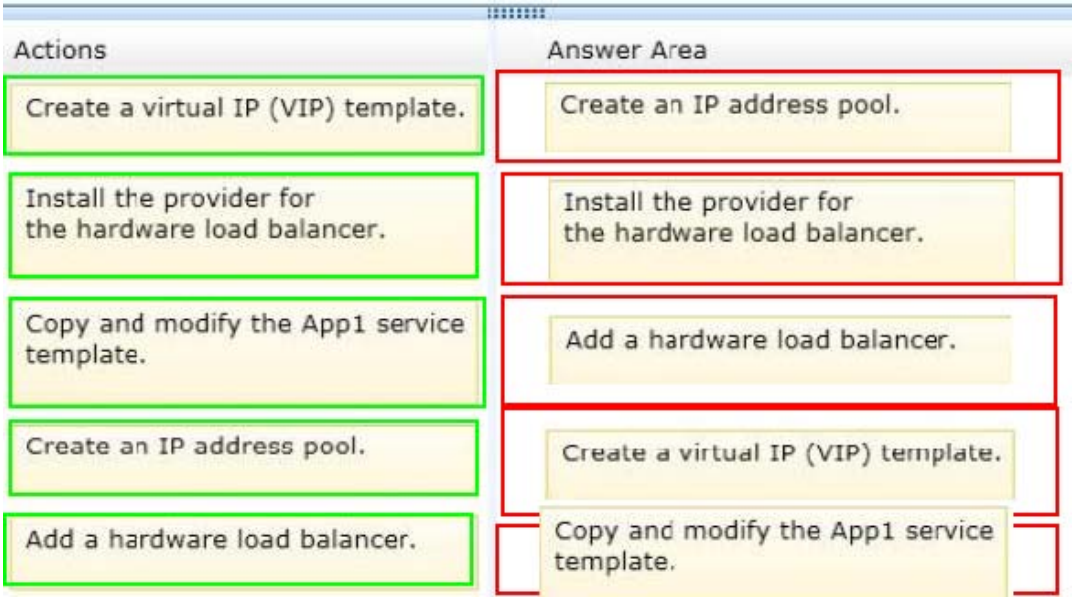
NO.5 Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named DC1 and a member server named Server1.
You have a server named Server2 that is a member of a workgroup. All servers run Windows Server 2012 R2.
Server1 has System Center 2012 R2 Operations 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: A,D,E

NO.6 DRAG DROP
You need to prepare the environment to support the planned changes for App1.
In which order should you perform the actions? (To answer, move all of the actions from the list of actions to the answer area and arrange them in the correct order.)



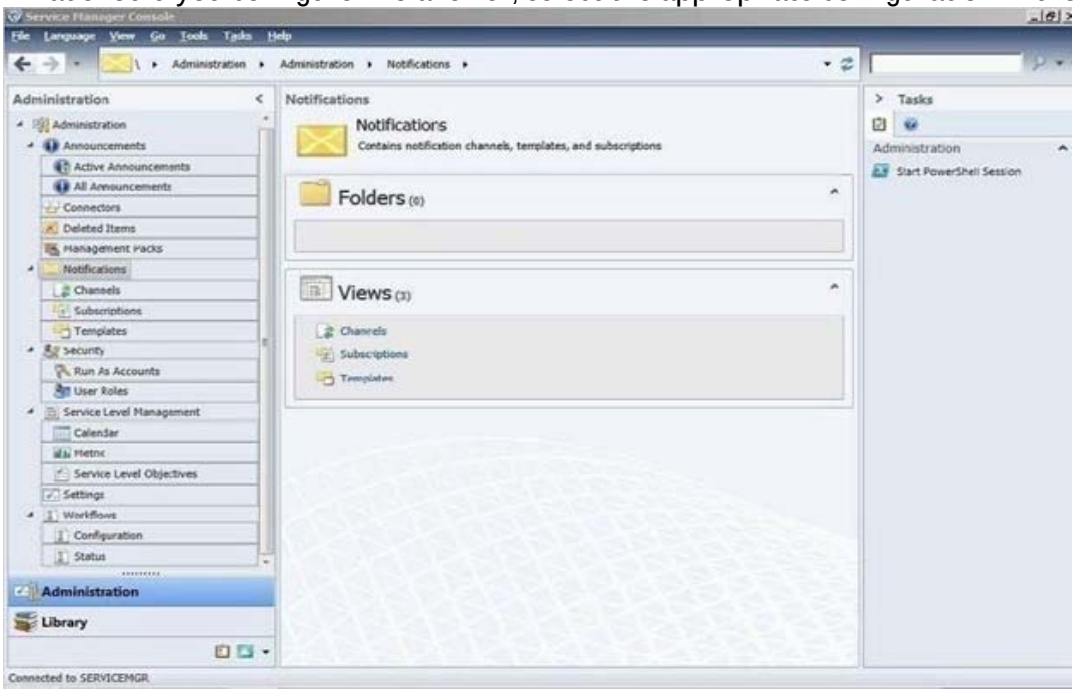
Answer:



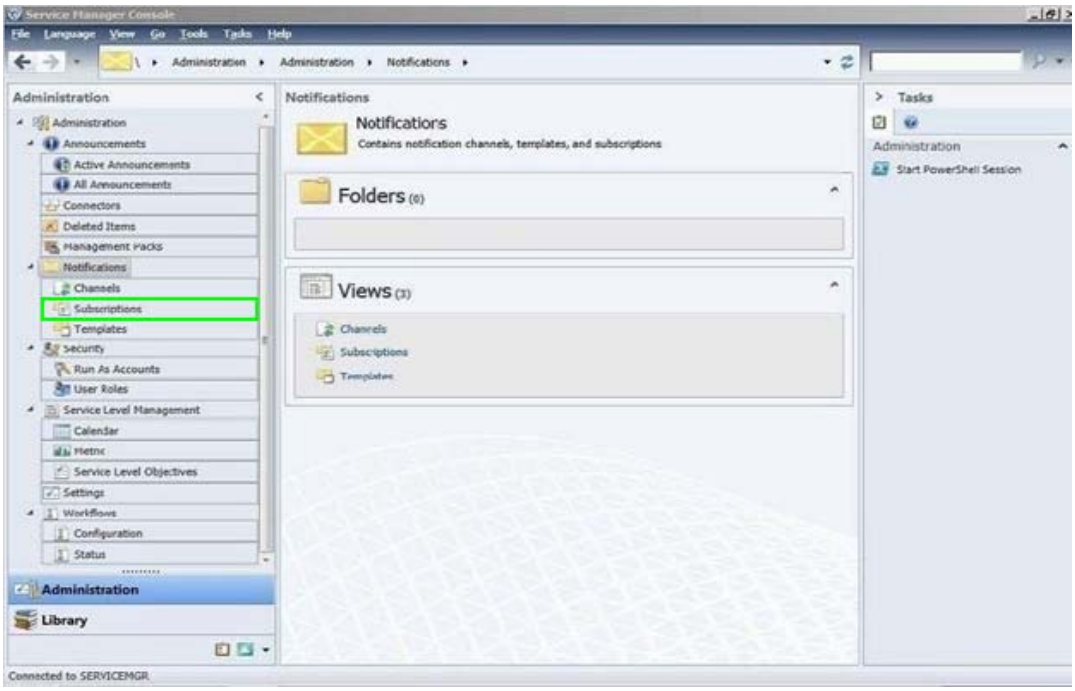
NO.7 Your company has a private cloud that is managed by using a System Center 2012 infrastructure.
You plan to monitor a Microsoft .NET application named App1 that is hosted in the private cloud.

You need to import the management packs required to monitor the application.
Which management packs should you import?
A. the Windows Server 2008 Operating System (Monitoring) management pack and the Operations Manager APM Web IIS 7 management pack
B. the Windows Server 2008 Operating System (Discovery) management pack and the Windows Server 2008 Internet Information Services Management Pack
C. the Windows Server Internet Information Services 7 Management Pack and the Operations Manager APM Web IIS 7 management pack
D. the Windows Server Operating System management pack and the Windows Server 2008 Internet Information Services Management Pack
Answer: C
Explanation:
Import the IIS 7.0 management pack (Microsoft.Windows.InternetInformationServices.2008.mp) and the Operations Manager
APM Web IIS 7 management pack (Microsoft.SystemCenter.Apm.Web.IIS7.mp).
The Microsoft.SystemCenter.Apm.Web.IIS7.mp management pack is included in the download package in the Management Packs folder--it is not available on the management pack catalog.
For information about importing management packs, see Import a Management Pack.
Additionally, ensure that IIS 7.0 websites, applications, and services have been discovered.
http://technet.microsoft.com/en-us/library/hh543994.aspx

NO.8 HOTSPOT
Your company help desk uses System Center 2012 Service Manager to manage and track problems.
You need to ensure that the manager of the help desk is notified automatically when a high-priority incident is updated.
What should you configure? To answer, select the appropriate configuration in the answer area.



Answer:



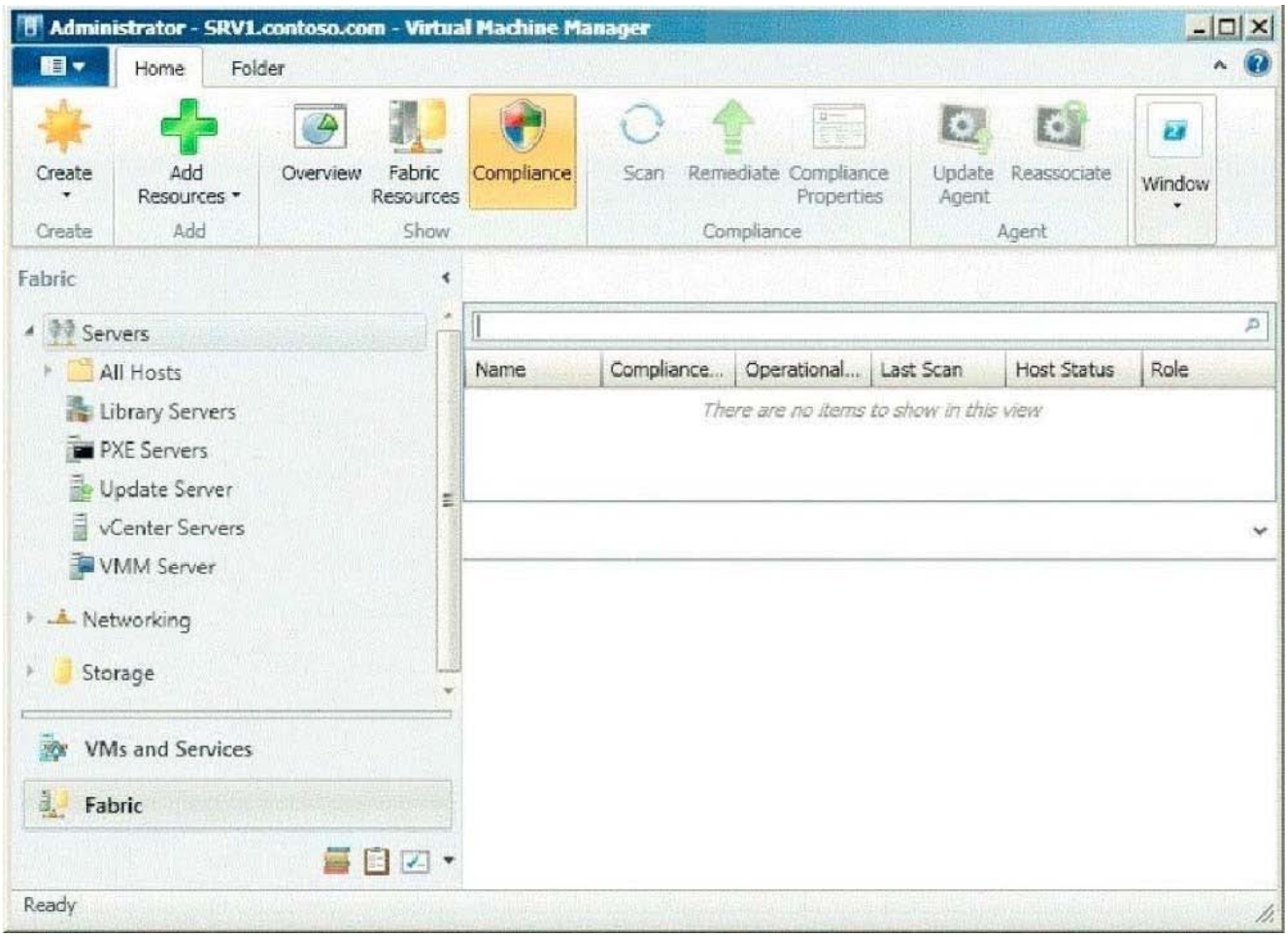
NO.9 HOTSPOT
Your network contains a System Center 2012 R2 Service Manager deployment.
You plan to create priority-based service level objectives (SLOs) for all work item types. The priorities will be assigned automatically based on the urgency and the impact of a work item.
You need to identify how to implement the priorities for each work item.
What should you identify? In the table below, identify which work items can be implemented by using the work item settings or a custom workflow and which work items can be implemented only by using a custom workflow. Make only one selection in each row.

Work item	Can be implemented by using the work item settings or a custom workflow	Can be implemented only by using a custom workflow
Activity	○	○
Change Request	○	○
Incident	○	○
Problem	○	○
Release	○	○
Service Request	○	○

Answer:

Work item	Can be implemented by using the work item settings or a custom workflow	Can be implemented only by using a custom workflow
Activity	○	○
Change Request	○	○
Incident	○	○
Problem	○	○
Release	○	○
Service Request	○	○

NO.10 Your company has a datacenter in Los Angeles.
The datacenter contains a private cloud that is managed by a System Center 2012 Virtual Machine Manager (VMM) infrastructure.
The infrastructure contains two management servers and 10 Hyper-V hosts.
You configure VMM to use an update server and to synchronize the updates by using a windows Server
Update Services (WSUS) server named WSUS1.
You attempt to verify compliance with the Sample Baseline for Security Updates.
You view the console as shown in the exhibit. (Click the Exhibit button.)



You need to ensure that you can verify compliance for all of the Hyper-V hosts.
What should you modify?
A. the update classifications of the update server
B. the Assignment Scope of the baseline
C. the default configuration provider
D. the Network settings of the All Hosts host group
Answer: B
Explanation:
In the VMM console, open the Fabric workspace.
On the Home tab, in the Add group, click Add Resources, and then click Update Server.
The Add Windows Server Update Services Server dialog box opens.
In Computer name, enter the fully qualified domain name (FQDN) of the WSUS server (for example, VMMServer01.contoso.com).
Specify which TCP/IP port that the WSUS website listens on for connections (for example, port 8530).
Enter credentials for connecting to the WSUS server.
The account must have administrator rights on the WSUS server.
If necessary, select the Use Secure Socket Layer (SSL) to communicate with the WSUS server and client's check box.
Click Add.
The WSUS server will be added to VMM, followed by initial synchronization of the updates catalog.
Depending on how many update classifications and products you chose when you installed

the WSUS server, this operation can take a long time, depending on such factors as network traffic and the load on the WSUS server.
To find out the status of the operation, monitor the status of the Add Update Server and Synchronize Update Server jobs in the Jobs window or in the Jobs workspace.
Note
After you enable update management in VMM, you should manage the WSUS server only through VMM, unless you are using a WSUS server in a Configuration Manager environment.
To verify that the WSUS server was added to VMM successfully:
In the Fabric workspace, on the Fabric pane, expand Servers, and click Update Server.
The results pane should display the WSUS server.
In the Library workspace, on the Library pane, expand Update Catalog and Baselines, and then click Update Catalog.
The results pane should display the updates that were downloaded during WSUS synchronization.

NO.11 Your company has a private cloud that is managed by using a System Center 2012 Operations Manager infrastructure.
From Operations Manager, you create a group named Group1.
You add multiple servers to Group1.
You have an Active Directory group named Group2.
You configure a dashboard for the users in Group2 to manage the client computers in Group1.
You need to ensure that the users in Group2 can achieve the following tasks: - View open critical alerts generated by Group1. - Identify whether a monitor generated an alert. Which object should you add to the dashboard?
A. An alert view
B. A state view
C. An alert widget
D. An event view
E. A state widget
Answer: C
Explanation:
Adding an alert widget to a dashboard
Step 1: In an empty dashboard cell, click on the "Click to add widget" link.
This opens the New Dashboard and Widget Wizard.
Step 2: Now you are presented with a selection of the available widgets.
Select Alert Widgets and then click Next.
Step 3: Once you give your widget a name and a description, you can choose a group or object for which to display alerts.
The ability to select between "Groups" and "Groups and objects" allows you to change the scope of objects for which you will receive alerts.
If you only want to target a certain object within a group or class, the "Groups and objects" option allows you to do so, while the "Groups" option enables you to view alerts for all objects within the group you choose.
Step 4: Next you can specify the criteria for the alerts you will receive.
You may choose the Severity, Priority, and Resolution State of the alerts.

For example, I will receive alerts for warnings and information of all priority, and in either the new or closed state.
Step 5: Lastly, select the columns to display for each alert.
You can also decide how the alerts are sorted by default as well as how they are grouped.
One great addition to the alert widget that is not present in the alert view is the addition of the "Is Monitor Alert" column.
This column allows you to see whether the alert was generated by monitor rather than a rule.
In my example, I will group alerts by "Is Monitor Alert" and sort by "Last Modified".
And there you have it.
We've configured a dashboard with a powerful alert widget.
It is a great way to quickly view the alerts you care about organized in the way you want.
If you aren't satisfied with your configuration or if your needs change, you can always click the button which gives you the option to reconfigure, personalize, or remove your widget.
Reconfiguring a widget opens a wizard with your previously chosen widget configuration and allows you to change all of options to keep up to date with your needs.
Here you can change everything from the groups or objects targeted, to the name of the widget.
Personalizing a widget allows you to change the display options for that widget.
Here you can change which columns are displayed and how your alerts are grouped and sorted.
This allows you to view the alerts within a context that is most appropriate to you, but without having to worry about the primary configuration details.
http://blogs.technet.com/b/momteam/archive/2011/10/17/operations-manager-2012-dashboards-thealertwidget.aspx

NO.12 Your company has a private cloud that is managed by using a System Center 2012 infrastructure.
The company defines the Service Level Agreement (SLA) for a web application as 99 percent uptime.
You need to create service level objectives (SLOs) that meet the SLA requirement.
Which object or objects should you create from the Service Manager Console? (Each correct answer presents part of the solution. Choose all that apply.)
A. A queue
B. A connector
C. A channel
D. A calendar
E. A metric
F. A subscription
Answer: A,D,E
Explanation:
In SCSM 2012 the Service Level Management offers a great opportunity to implement SLAs for different IT management processes.
With the four components of SLA management you can build your own complex SLAs: Queues ->Which work items are covered in the SLA Calendar -> The service hours of an SLA Metrics ->What is measured in the SLA Service Level Objective -> Target of the SLA
http://blogs.technet.com/b/servicemanager/archive/2012/01/25/scsm-2012-service-

levelmanagement.aspx