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QUESTION 81 Your network contains an Active Directory domain named contoso.com. All domain controllers run Windows Server 2012 R2. The domain contains a server named Server1 that runs Windows Server 2012 R2. You need to ensure that when users log on to Server1, their user account is added automatically to a local group named Group1 during the log on process. Which Group Policy settings should you modify? A. Restricted Groups B. Security Options C. User Rights Assignment D. Preferences
Answer: D
Explanation: A. If a Restricted Groups policy is defined and Group Policy is refreshed, any current member not on the Restricted Groups policy members list is removed B. Security settings incorporated into policies are rules that administrators configure on a computer or multiple computers for the purpose of protecting resources on a computer C. User Rights Assignment policies determines which users or groups have logon rights or privileges on the computer D. With Preferences, local and domain accounts can be added to a local group without affecting the existing members of the group

[http://technet.microsoft.com/en-us/library/cc785631\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc785631(v=ws.10).aspx)

<http://www.grouppolicy.biz/2010/01/how-to-use-group-policy-preferences-to-secure-localadministrator-groups/>

[http://technet.microsoft.com/en-us/library/cc780182\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc780182(v=ws.10).aspx) <http://technet.microsoft.com/en-us/library/hh831424.aspx>

QUESTION 82 Your network contains an Active Directory domain named contoso.com. You need to prevent users from installing a Windows Store app named App1. What should you create? A. An application control policy executable rule B. An application control policy packaged app rule C. A software restriction policy certificate rule D. An application control policy Windows Installer rule
Answer: B
Explanation: Windows 8 is coming REALLY SOON and of course one of the big new things to computer with that is the new Packaged Apps that run in the start screen. However these apps are very different and do not install like traditional apps to a path or have a true "executable" file to launch the program. Of course enterprises need a way to control these packaged apps and therefore Microsoft has added a new feature Packaged Apps option to the AppLocker feature. A. For .exe or .com B. A publisher rule for a Packaged app is based on publisher, name and version C. You can create a certificate rule that identifies software and then allows or does not allow the software to run, depending on the security level D. For .msi or .msp Packaged apps (also known as Windows 8 apps) are new to Windows Server 2012 R2 and Windows 8. They are based on the new app model that ensures that all the files within an app package share the same identity. Therefore, it is possible to control the entire Application using a single AppLocker rule as opposed to the nonpackaged apps where each file within the app could have a unique identity. Windows does not support unsigned packaged apps which implies all packaged apps must be signed. AppLocker supports only publisher rules for Packaged apps. A publisher rule for a Packaged app is based on the following information: Publisher of the package Package name Package version Therefore, an AppLocker rule for a Packaged app controls both the installation as well as the running of the app. Otherwise, the publisher rules for Packaged apps are no different than the rest of the rule collections; they support exceptions, can be increased or decreased in scope, and can be assigned to users and groups.

<http://technet.microsoft.com/en-us/library/dd759068.aspx> <http://technet.microsoft.com/en-us/library/hh994588.aspx>

<http://www.grouppolicy.biz/2012/08/how-manage-published-a-k-a-metro-apps-in-windows8-using-grouppolicy/>

http://technet.microsoft.com/en-us/library/hh994597.aspx#BKMK_Cert_RulesPackaged Apps run in the start screen. However these apps are very different and do not install like traditional apps to a path or have a true "executable" file to launch the

program. Enterprises need a way to control these packaged apps and therefore Microsoft has added a new feature Packaged Apps option to the AppLocker feature. QUESTION 83 Your company's security policy states that all of the servers deployed to a branch office must not have the graphical user interface (GUI) installed. In a branch office, a support technician installs a server with a GUI installation of Windows Server 2012 on a new server, and then configures the server as a DHCP server. You need to ensure that the new server meets the security policy. You want to achieve this goal by using the minimum amount of Administrative effort. What should you do? A. Reinstall Windows Server 2012 on the server. B. From Windows PowerShell, run Uninstall-WindowsFeature Desktop-Experience. C. From Windows PowerShell, run Uninstall-WindowsFeature PowerShell-ISE. D. From Server Manager, uninstall the User Interfaces and Infrastructure feature.
Answer: D
Explanation: A. Not least effort B. Uninstalls desktop experience not the full GUI C. Uninstalls the powershell ISE D. Least effort and removes full GUI

<http://www.howtogeek.com/111967/how-to-turn-the-gui-off-and-on-in-windows-server-2012/>

<http://technet.microsoft.com/en-us/library/cc772567.aspx>

http://blogs.technet.com/b/server_core/archive/2012/05/09/configuring-the-minimal-serverinterface.aspx QUESTION 84 Your

network contains an Active Directory domain named contoso.com. The domain contains 500 servers that run Windows Server 2012 R2. You have a written security policy that states the following: - Only required ports must be open on the servers.- All of the servers must have Windows Firewall enabled.- Client computers used by Administrators must be allowed to access all of the ports on all of the servers.- Client computers used by the Administrators must be authenticated before the client computers can access the servers.You have a client computer named Computer1 that runs Windows 8. You need to ensure that you can use Computer1 to access all of the ports on all of the servers successfully. The solution must adhere to the security policy.Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.) A. On Computer1, create a connection security ruleB. On all of the servers, create an outbound rule and select the Allow the connection if it is secureoption.C. On all of the servers, create an inbound rule and select the Allow the connection if it is secureoption.D. On Computer1, create an inbound rule and select the Allow the connection if it is secureoption.E. On Computer1, create an outbound rule and select the Allow the connection if it is secureoptionF. On all of the servers, create a connection security rule Answer: ACFExplanation:

<http://technet.microsoft.com/en-us/library/cc772017.aspx> Unlike firewall rules, which operate unilaterally, connection security rules require that both communicating computers have a policy with connection security rules or another compatible IPsec policy.

<http://technet.microsoft.com/en-us/library/cc753463.aspx> Traffic that matches a firewall rule that uses the Allow connection if it is secure setting bypasses Windows Firewall. The rule can filter the traffic by IP address, port, or protocol. This method is supported on Windows Vista or Windows Server 2008.QUESTION 85Drag and Drop QuestionYour network contains three servers. The servers are configured as shown in the following table.

Server name	CPU type	Operating system	Installation type
Server1	x86	32-bit Windows Server 2008 Service Pack 2 (SP2)	Full
Server2	x86	32-bit Windows Server 2008 Service Pack 2 (SP2)	Server Core
Server3	x64	64-bit Windows Server 2008 R2	Full

Your company plans to standardize all of the servers on Windows Server 2012 R2.You need to recommend an upgrade path for each server. The solution must meet the following requirements: - Upgrade the existing operating system whenever possible.- Minimize hardware purchases.Which upgrade path should you recommend for each server? To answer, drag the appropriate upgrade path to each server in the answer area. Each upgrade path may be used once, more than once, or not at all.

Click here to enter text.

Clean installation on new hardware

Clean installation on existing hardware

Upgrade on existing hardware

Answer:

Click here to enter text.

Answer Area

Server1 Clean installation on new hardware

Server2 Clean installation on new hardware

Server3 Upgrade on existing hardware

Explanation:Server1 not 64-bit processorServer2 not 64-bit processorServer3 64-bit processor, needs 2008 SP1

<http://blogs.technet.com/b/askcore/archive/2012/10/23/upgrading-to-windows-server-2012-part-1.aspx>

<http://technet.microsoft.com/en-us/library/jj134246.aspx>QUESTION 86Your network contains a file server named Server1 that runs Windows Server 2012 R2. All client computers run Windows 8. Server1 contains a folder named Folder1. Folder1 contains the installation files for the company's desktop applications. A network technician shares Folder1 as Share 1.You need to ensure that the share for Folder1 is not visible when users browse the network.What should you do? A. From the properties of Folder1, deny the List Folder Contents permission for the Everyone group.B. From the properties of Folder1, remove Share1, and then share Folder1 as Share1\$.C. From the properties of Folder1, configure the hidden attribute.D. From the properties of Share1, configure access-based enumeration Answer: BExplanation:A. Will deny everyone list of folder contentB. Remove share and re-add using \$ for Hidden/Administrative share C. This will hide the physical folderD. lists only the files and folders to which they have access when browsing content on the file server A hidden share is identified by a dollar sign (\$) at the end of the share nameHidden shares are not listed when you look through the shares on a computer or use the "net view" commandWhy Use Hidden Shares?Using

hidden shares on your network is useful if you do not want a shared folder or drive on the network to be easily accessible. Hidden shares can add another layer of protection for shared files against unauthorized people connecting to your network. Using hidden shares helps eliminate the chance for people to guess your password (or be logged into an authorized Windows account) and then receive access to the shared resource. <http://support.microsoft.com/kb/314984>

[http://technet.microsoft.com/en-us/library/cc784710\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc784710(v=ws.10).aspx) QUESTION 87 Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2012 R2 and a server named Server2 that runs Windows Server 2008 R2 Service Pack 1 (SP1). Both servers are member servers. On Server2, you install all of the software required to ensure that Server2 can be managed remotely from Server Manager. You need to ensure that you can manage Server2 from Server1 by using Server Manager. Which two tasks should you perform on Server2? (Each correct answer presents part of the solution. Choose two.)

A. Run the `systempropertiesremote.exe` command

B. Run the `Enable-PsRemoting` cmdlet

C. Run the `Enable-PsSessionConfiguration` cmdlet

D. Run the `Configure-SMRemoting.ps1` script

E. Run the `Set-ExecutionPolicy` cmdlet

Answer: DE

Explanation: To configure Server Manager remote management by using Windows PowerShell On the computer that you want to manage remotely, open a Windows PowerShell session with elevated user rights. To do this, click Start, click All Programs, click Accessories, click Windows PowerShell, right-click the Windows PowerShell shortcut, and then click Run as administrator. In the Windows PowerShell session, type the following, and then press Enter.

`Set-ExecutionPolicy -ExecutionPolicy RemoteSigned`

Type the following, and then press Enter to enable all required firewall rule exceptions.

`Configure-SMRemoting.ps1 -force -enable`

<http://technet.microsoft.com/en-us/library/dd759202.aspx>

A) Run the `systempropertiesremote.exe` command

B) `Enable-PSRemoting` cmdlet configures the computer to receive Windows PowerShell remote commands that are sent by using the WS-Management technology.

C) `Enable-PSSessionConfiguration` cmdlet enables registered session configurations that have been disabled.

D) `Configure-SMRemoting.ps1 -force -enable`

E) `Set-ExecutionPolicy -ExecutionPolicy RemoteSigned` To configure Server Manager remote management by using Windows PowerShell On the computer that you want to manage remotely, open a Windows PowerShell session with elevated user rights, type the following: To configure Server Manager remote management by using Windows PowerShell. On the computer that you want to manage remotely, open a Windows PowerShell session with elevated user rights. To do this, click Start, click All Programs, click Accessories, click Windows PowerShell, right-click the Windows PowerShell shortcut, and then click Run as administrator. In the Windows PowerShell session, type the following, and then press Enter.

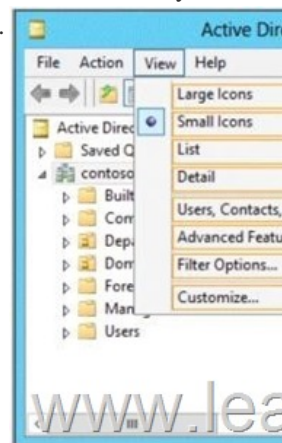
`Set-ExecutionPolicy - ExecutionPolicy RemoteSigned`

Type the following, and then press Enter to enable all required firewall rule exceptions.

`Configure-SMRemoting.ps1 -force -enable`

<http://technet.microsoft.com/en-us/library/dd759202.aspx>

QUESTION 88 Hotspot Question Your network contains an Active Directory domain named contoso.com. The domain contains a print server named Server1 that runs Windows Server 2012 R2. You share several printers on Server1. You need to ensure that you can view the printer objects associated to Server1 in Active Directory Users and Computers. Which option should you select? To answer, select the appropriate option in the answer area.



Answer:



Explanation: You can view printer objects in Active Directory by clicking Users, Groups, and Computers as containers from the View menu in the Active Directory Users and Computers snap-in. By default, printer objects are created under the machine object in which they are shared. After you turn on the Users, Groups, and Computers as containers option, you can see printers by expanding the printer's host computer. <http://support.microsoft.com/kb/235925>

QUESTION 89 Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2 that run Windows Server 2012 R2. You log on to Server1. You need to retrieve the IP configurations of Server2. Which command should you run from Server1? A. `winrs -r:server2 ipconfig` B. `winrm get server2` C. `dsquery *-scope base-attr ip, server2` D. `ipconfig > server2.ip` Answer: A

Explanation: A. Windows Remote Management allows you to manage and execute programs remotely B. winrm is the server side services for remote mgmt C. dsquery * finds any objects in the directory according to criteria using a LDAP query. D. Would output server1 ipconfig info to server2.ip file [http://technet.microsoft.com/en-us/library/dd349801\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/dd349801(v=ws.10).aspx)

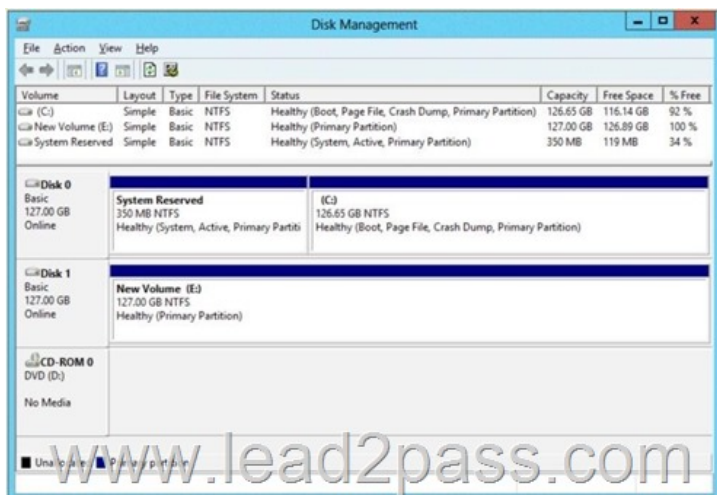
QUESTION 90 You work as an administrator at L2P.com. The L2P.com network consists of a single domain named L2P.com. All servers on the L2P.com network have Windows Server 2008 R2 installed. Some of L2P.com's workstations have Windows 7 installed, while the rest have Windows 8 installed. After installing a new Windows Server 2012 computer in the L2P.com domain, you configure it to run the File and Storage Services server role. You are instructed to create a shared folder on the new server, and configure the use of Previous Versions for restoring files located in the shared folder. Which of the following actions should you take? A. You should consider configuring the Shadow Copies settings on the new server. B. You should consider configuring the Snapshot settings on the new server. C. You should consider configuring the Background Copy settings on the new server. D. You should consider configuring the Permission settings on the new server. Answer: A

Explanation: What are previous versions? Previous versions are either backup copies (copies of files and folders that you back up by using the Back Up Files wizard, or shadow copies) copies of files and folders that Windows automatically saves as part of a restore point. (Shadow copies can be copies of files on your computer or shared files on a computer on a network.) You can use previous versions of files to restore files that you accidentally modified or deleted, or that were damaged. Depending on the type of file or folder, you can open, save to a different location, or restore a previous version.

ATT: (nothing to do with question but cool to know) File Server Volume Copy Shadow Service (VSS) Agent Service Enables consistency of application snapshots (shadow copies). With previous versions of Windows Server, VSS only supported shadow copies of data on the local server. With WS2012, Microsoft has added VSS for SMB File Shares which extends shadow copy support for network volumes. Administrators install the FS VSS Agent on the file server where the application data is located. They then install the VSS provider in the server where the application is located. The provider talks to the agent using the new File Server Remote VSS protocol in order to manage the shadow copies of the data.

<http://windows.microsoft.com/en-gb/windows-vista/previous-versions-of-files-frequently-asked-questions>

QUESTION 91 You have a server named Server1 that runs Windows Server 2012 R2. Server1 has the Hyper-V server role installed. The disks on Server1 are configured as shown in the exhibit. (Click the Exhibit button.) You create a virtual machine on Server1. You need to ensure that you can configure a pass-through disk for the virtual machine. What should you do?



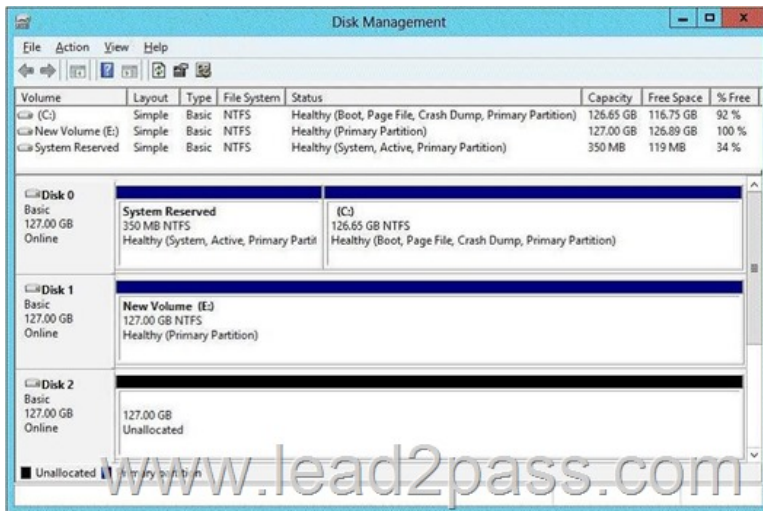
A. Delete partition E.B. Convert Disk 1 to a GPT diskC. Convert Disk 1 to a dynamic diskD. Take Disk 1 offline. Answer:

DExplanation:Pass-Through Disk must be offlinePass-through Disk ConfigurationHyper-V allows virtual machines to access storage mapped directly to the Hyper-V server without requiring the volume be configured. The storage can either be a physical disk internal to the Hyper-V server or it can be aStorage Area Network (SAN) Logical Unit (LUN) mapped to the Hyper-V server. To ensure the Guest hasexclusive access to the storage, it must be placed in an Offline state from the Hyper-V serverperspective
<http://blogs.technet.com/b/askcore/archive/2008/10/24/configuring-pass-through-disks-inhyper-v.aspx>

<http://technet.microsoft.com/pt-pt/library/ff404147%28v=ws.10%29.aspx>QUESTION 92Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server2 runs Windows Server 2012 R2. You create a security template named Template 1 by using the Security Templates snap-in. You need to apply template 1 to Server 2. Which tool should you use? A. Security Templates.B. Computer Management.C. Security Configuration and Analysis.D. System Configuration. Answer: CExplanation:Security templates are inactive until imported into a Group Policy object or the Security Configurationand Analysis. <http://technet.microsoft.com/en-us/library/jj730960.aspx>

<http://windows.microsoft.com/en-us/windows-vista/using-system-configuration>QUESTION 93Your network contains an active directory domain named contoso.com. The domain contains a domain controller named DC5. DC5 has a server core installation of Windows Server 2012 R2.You need to uninstall Active Directory from DC5 manually. Which tool should you use? A. The Remove-WindowsFeature cmdletB. the dsain.exe commandC. the ntdsutil.exe commandD. the Remove-ADComputer cmdlet Answer: CExplanation:A. Removes Roles and Features to remove DC use Uninstall-addsdomaincontroller B. Exposes Active Directory data that is stored in a snapshot or backup as a Lightweight Directory AccessProtocol (LDAP) serverC. Manually removes a domain controllerD. Removes AD computer objectNtdsutil.exe is a command-line tool that provides management facilities for Active Directory Domain Services (AD DS) and Active Directory Lightweight Directory Services (AD LDS).You can use the ntdsutil commands to perform database maintenance of AD DS, manage and control single master operations, and remove metadata left behind by domain controllers that were removed from the network without being properly uninstalled.This tool is intended for use by experienced administrators.<http://technet.microsoft.com/en-us/library/ee662310.aspx>

<http://support.microsoft.com/kb/216498><http://technet.microsoft.com/en-us/library/ee617250.aspx>QUESTION 94You have a server named Server 2 that runs Windows Server 2012 R2. Server 2 has the Hyper-V server role installed.The disks on Server2 are configured as shown in the exhibit. (Click the Exhibit button). You create a virtual machine on Server2 named VM1. You need to ensure that you can configure a pass-through disk for VM1. What should you do?



A. Convert Disk 1 to a MBR disk.B. Convert Disk 1 to a basic disk.C. Take Disk 1 offline.D. Create a partition on Disk 1.

Answer: CExplanation:Pass-through Disk ConfigurationHyper-V allows virtual machines to access storage mapped directly to the Hyper-V server without requiring the volume be configured. The storage can either be a physical disk internal to the Hyper-V server or it can be a Storage Area Network (SAN) Logical Unit (LUN) mapped to the Hyper-V server. To ensure the Guest has exclusive access to the storage, it must be placed in an Offline state from the Hyper-V server perspective

<http://blogs.technet.com/b/askcore/archive/2008/10/24/configuring-pass-through-disks-in-hyper-v.aspx>QUESTION 95

You have a file server named Server1 that runs Windows Server 2012 R2. Server1 has following hardware configurations:- 16GB of RAM- A single quad-core CPU- Three network teams that have two network adapters each You add additional CPUs and RAM to Server 1.

You repurpose Server1 as a virtualization host. You install the Hyper-V server role on Server1. You need to create four external virtual switches in Hyper-V. Which cmdlet should you run first? A. Set-NetAdapter.B. Add-Net1.bfoTeamNicC.

Add-VMNetworkAdapterD. Remove-NetLbfoTeam Answer: DExplanation:A. Sets adapter propertiesB. Add new interface to

NIC TeamC. Adds vadapter to vmD. Removed NIC from hostYou need 4 virtual switches but currently only have 3 teams available.

You would need to break a team first.[http://technet.microsoft.com/en-us/library/jj130875\(v=wps.620\).aspx](http://technet.microsoft.com/en-us/library/jj130875(v=wps.620).aspx)

[http://technet.microsoft.com/en-us/library/jj130850\(v=wps.620\).aspx](http://technet.microsoft.com/en-us/library/jj130850(v=wps.620).aspx)

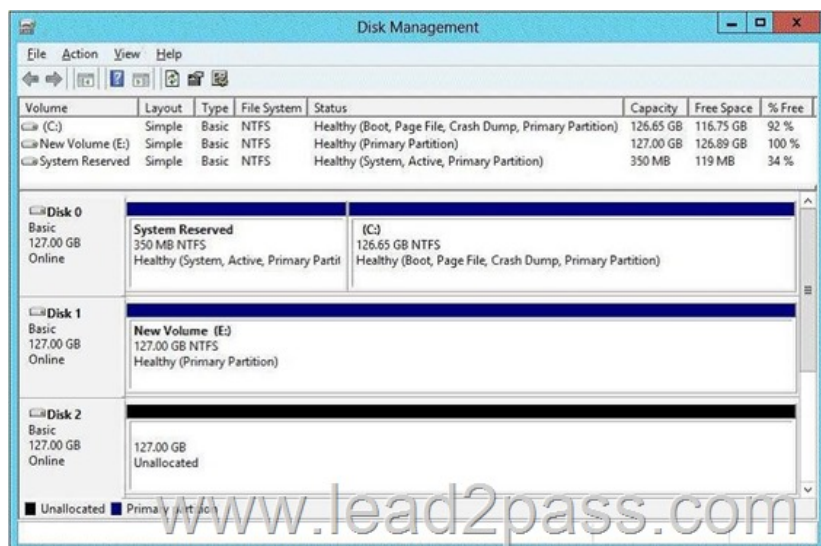
[http://technet.microsoft.com/en-us/library/hh848564\(v=wps.620\).aspx](http://technet.microsoft.com/en-us/library/hh848564(v=wps.620).aspx)

[http://technet.microsoft.com/en-us/library/jj130848\(v=wps.620\).aspx](http://technet.microsoft.com/en-us/library/jj130848(v=wps.620).aspx) <http://technet.microsoft.com/en-us/library/jj130848.aspx>

QUESTION 96Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2012 R2.You create a security template named Template1 by using the Security Templates snap-in.You need to apply Template1 to Server2.Which tool should you use? A. Authorization ManagerB. Local Security PolicyC. Certificate TemplatesD. System Configuration Answer: BExplanation: A security policy is a combination of

security settings that affect the security on a computer. You can use your local security policy to edit account policies and local policies on your local computer.QUESTION 97Your network contains an Active Directory domain named adatum.com. The domain contains a member server named Server1 and a domain controller named DC2. All servers run Windows Server 2012 R2. On DC2,

you open Server Manager and you add Server1 as another server to manage. From Server Manager on DC2, you right-click Server1 as shown in the exhibit. You need to ensure that when you right-click Server1, you see the option to run the DHCP console. What should you do?



A. On Server1, install the Feature Administration Tools.B. In the domain, add DC1 to the DHCP Administrators group.C. On DC2 and Server1, run winrm quickconfig.D. On DC2, install the Role Administration Tools. Answer: DExplanation:

<http://technet.microsoft.com/en-us/library/hh831825.aspx>QUESTION 98Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server 2012. You create a group Managed Service Account named gservice1. You need to configure a service named Service1 to run as the gservice1 account. How should you configure Service1? A. From a command prompt, run sc.exe and specify the config parameter.B. From Windows PowerShell,run Set-Service and specify the -PassThrough parameterC. From Windows PowerShell,run Set-Service and specify the -StartupType parameterD. From Services Console configure the General settings Answer: AQUESTION 99Your network contains an Active Directory domain named contoso.com. An organizational unit (OU) named OU1 contains user accounts and computer accounts. A Group Policy object (GPO) named GP1 is linked to the domain. GP1 contains Computer Configuration settings and User Configuration settings.You need to prevent the User Configuration settings in GP1 from being applied to users. The solution must ensure that the Computer Configuration settings in GP1 are applied to all client computers. What should you configure? A. the Group Policy loopback processing modeB. the Block Inheritance featureC. the Enforced settingD. the GPO Status Answer: AExplanation:A. Group Policy loopback with replace option needs to be used B. Blocking inheritance prevents Group Policy objects (GPOs) that are linked to higher sites, domains, ororganizational units from being automatically inherited by the child-level C. Enforced prevent blocking at lower levelD. The GPO Status. This indicates whether either the user configuration or computer configuration of the GPOis enabled or disabled.You can use the Group Policy loopback feature to Apply Group Policy Objects (GPOs) that depend only onwhich computer the user logs on to.User Group Policy loopback processing can be enabled in one of two modes: merge or replace. In mergemode, both GPOs Applying to the user account and GPOs Applying to the computer account are processedwhen a user logs in. GPOs that Apply to the computer account are processed second and therefore takeprecedence - if a setting is defined in both the GPO(s) Applying to the user account, and the GPO(s) Applyingto the computer account, the setting in the GPO(s) Applying to the computer account will be enforced. With thereplace mode, GPOs Applying to the user account are not processed only the GPOs Applying to thecomputer account are Applied. Loopback can be set to Not Configured, Enabled, or Disabled. In the Enabled state, loopback can be set toMerge or Replace. In either case the user only receives user-related policy settings. Loopback with Replace--In the case of Loopback with Replace, the GPO list for the user is replaced in itsentirety by the GPO list that is already obtained for the computer at computer startup (during step 2 in GroupPolicy processing and precedence). The User Configuration settings from this list are Applied to the user.Loopback with Merge--In the case of Loopback with Merge, the Group Policy object list is a concatenation.The default list of GPOs for the user object is obtained, as normal, but then the list of GPOs for the computer(obtained during computer startup) is appended to this list. Because the computer's GPOs are processed afterthe user's GPOs, they have precedence if any of the settings conflict. This is a COMPUTER setting, which is found under Computer Configuration | Administrative Templates |System | Group Policy | User Group Policy Loopback Processing Mode You want to create a new OU in AD that is dedicated to computer accounts that will have loopbackprocessing enabled. Create a new GPO in your new OU to enable User Group Policy Loopback Processing and set theappropriate mode (merge / replace).You will define the user settings you want to Apply to the loopback-enabled PCs via GPOs in this same newOU. You can define these settings either in

the same GPO where you enabled the User Group Policy Loopback Processing setting, or you create another new GPO in the same OU for your user settings. Remember that when using the REPLACE mode, none of your other user GPOs will be Applied when a user logs in to a machine that has loopback processing enabled. ONLY the user settings that are defined in the GPOs that Apply to that machine will be Applied. <http://msmvps.com/blogs/cgross/archive/2009/10/12/group-policy-loopbackprocessing.aspx> [http://technet.microsoft.com/en-us/library/cc782810\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc782810(v=ws.10).aspx) <http://technet.microsoft.com/en-us/library/cc731076.aspx> <http://technet.microsoft.com/en-us/library/cc753909.aspx> <http://technet.microsoft.com/en-us/library/cc778238%28v=ws.10%29.aspx> <http://technet.microsoft.com/en-us/magazine/dd673616.aspx>

QUESTION 100 Your network contains two Hyper-V hosts named Host1 and Host2. Host1 contains a virtual machine named VM1. Host2 contains a virtual machine named VM2. VM1 and VM2 run Windows Server 2012 R2. You install the Network Load Balancing feature on VM1 and VM2. You need to ensure that the virtual machines are configured to support Network Load Balancing (NLB). Which virtual machine settings should you configure on VM1 and VM2? A. Router guard B. DHCP guard C. Port mirroring D. MAC address

Answer: D

Explanation: In Hyper-V, the VM host prevents dynamic MAC address updates as an extra layer of security in the datacenter. This is because the VM may have full administrator rights, yet it may be untrusted in the datacenter, for example when the VM hosting is provided by an independent hosting company. In this scenario, we need to make sure that one VM cannot cause a DOS or information disclosure attack against another VM. If a VM is able to spoof its MAC address, then it can spoof the MAC addresses of other VMs and impact other VMs on that host. The physical switches have similar protections and it is up to the admin to enable that protection or not. If you do not enable spoofing of MAC address prior to configuring NLB on the VM you could potentially have problems with the NLB cluster. When configuring NLB in unicast mode on Hyper-V with enable spoofing of MAC Address disabled you may see some of the following symptoms: When initially configuring NLB you will lose network connectivity on the network adaptor NLB was configured on. There will be an NLB error event in the Windows Event Log stating that the network adaptor does not support dynamic MAC address updates. After rebooting the server, NLB will appear to be bound to the network adaptor, but the cluster VIP will not have been added to the network adaptor. The cluster MAC address will still be the original MAC address associated with the network adaptor prior to configuring NLB. Use CMD > ipconfig /all to view the MAC address. It should start with "02-BF-***". If you ignore all previous symptoms and manually add the VIP you could get an IP conflict if there are other nodes in the cluster that have the same VIP. With that said, to allow VM guests to run NLB you need to set the VM property for "Enable spoofing of MAC Address". To enable spoofing of MAC Addresses open the Hyper-V management console. Make sure the VM is stopped open the properties of the VM. Select the Network Adaptor for the NLB VM and check the "Enable spoofing of MAC Address" and click OK. Then start the VM. [New Version] You can pass Microsoft 70-410 exam at the first time with Lead2pass 70-410 445q exam braindump, now you can also download free 70-410 test answers for VCE player and PDF files on the website. <http://www.lead2pass.com/70-410.html>