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**70-331**

**Core Solutions of Microsoft SharePoint Server 2013**

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## Testlet 1

### Background

#### General Background

You are a SharePoint administrator for an online photo-processing company named Contoso, Ltd. Contoso's primary customers are professional photographers. The Contoso SharePoint 2013 environment includes the sites described in the following table.

Description	URL	Usage
Public website	www.adatum.com	Photographers upload photos, customize print-processing options, and pay for orders.
Intranet site	intranet.contoso.com	Contoso employees collaborate with colleagues and store processed photo files.

The intranet site includes a document library for each employee in which the employee stores photos.

#### Technical Background

The SharePoint environment contains five front-end web servers that use Windows Network Load Balancing (NLB) with NLB affinity set to None. The company maintains all processed photos in the SharePoint content database. The content database uses RAID 5 storage. Photo files that are more than one year old are rarely viewed. Employees actively use the default self-service site creation feature.

The network infrastructure contains an Active Directory Domain Services (AD DS) environment. All servers run Windows Server 2008 R2. The internal AD DS domain is named contoso.com. Active Directory Federation Services (AD FS) is deployed in the LAN. Two AD FS proxy servers are deployed in the perimeter network. Users log on to client computers by using the syntax username@contoso.com.

Contoso has a lab environment that includes a dedicated AD DS environment and SharePoint 2013. The main lab SharePoint site is located at lab.intranet.contoso.com. A test site for a project named Project2 exists under lab.intranet.contoso.com/corp. The default self-service site creation feature is enabled for the test site.

Contoso has a development team that maintains the public website, maintains the intranet site, and creates SharePoint apps. The development team recently created a SharePoint-hosted app named App1 that converts .tif files to .png files.

#### Future Development

- Contoso is forming a new corporation named Proseware, Inc. that will sell SharePoint apps. The company has acquired the proseware.com domain name.
- Contoso is preparing to federate with Microsoft Office 365 and will use the proseware.com domain for Office 365 services.

#### Technical Requirements

You must meet the following technical requirements:

- App1 must have access to each employee's photo document library.
- App1 must use Windows Authentication.
- Each front-end web server must use a single IP address for all SharePoint sites and apps on that server.
- All SharePoint sites and apps must listen on port 9000.
- Office 365 must use single sign-on (SSO).

The company has established the following new monitoring requirements for the production SharePoint environment:

- Monitor whether a large number of documents are checked out.
- Monitor whether a large number of unpublished items are being requested.

The company has established the following new monitoring requirements for Project2:

- Monitor changes to a value in a specific registry key.
- Monitor the SharePoint cache hit ratios.
- Perform monitoring only from 9:00 A.M. to 3:00 P.M. daily.

### Existing Problems

Multiple authentications often occur when users log on to and navigate in SharePoint. Users have reported some small delays accessing data.

The content database is currently stored on Serial Attached SCSI (SAS) disk drives and is growing at a rapid pace. The following related issues currently exist:

- SharePoint is not performing as well as it was when the content database was smaller.
- Storage costs to house the photo files are too expensive.

Scanned contracts are stored in binary large object (BLOB) cache storage. The BLOB cache is routinely filling up. End users are reporting poor performance when viewing scanned contracts.

### QUESTION 1

You need to meet the Project2 monitoring requirements.

What should you do?



- A. Create a user-defined data collector set.
- B. Monitor only startup event trace sessions.
- C. Monitor only event trace sessions.
- D. Use a system-defined data collector set.

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Scenario:

The company has established the following new monitoring requirements for Project2:

Monitor changes to a value in a specific registry key.

Monitor the SharePoint cache hit ratios.

Perform monitoring only from 9:00 A.M. to 3:00 P.M. daily.

## **QUESTION 2**

You need to configure a managed path to support Project2.

What should you do?

- A. Use an explicit inclusion for /corp.
- B. Create a new IIS virtual directory under the /corp site.
- C. Create a new IIS virtual directory under the default website.
- D. Use a wildcard inclusion for /corp.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

## **QUESTION 3**

You need to implement Office 365 authentication.

What should you do?

- A. Add only adatum.com as an Office 365 SSO domain and use the SupportMultipleDomain parameter.
- B. Create an AD DS domain named proseware.com and join the AD FS servers to the proseware.com domain.
- C. Add adatum.com and proseware.com as Office 365 SSO domains and use the SupportMultipleDomain parameter.
- D. Add only proseware.com as an Office 365 SSO domain and use the SupportMultipleDomain parameter.

**Correct Answer:** C

**Section:** [none]

## Explanation

### Explanation/Reference:

Scenario:

Contoso is forming a new corporation named Proseware, Inc. that will sell SharePoint apps. The company has acquired the proseware.com domain name.

Contoso is preparing to federate with Microsoft Office 365 and will use the proseware.com domain for Office 365 services.

The network infrastructure contains an Active Directory Domain Services (AD DS) environment. All servers run Windows Server 2008 R2. The internal AD DS domain is named contoso.com. Active Directory Federation Services (AD FS) is deployed in the LAN. Two AD FS proxy servers are deployed in the perimeter network.

Office 365 must use single sign-on (SSO).

This is difficult to answer because none of the answers is a complete answer. We do need to add proseware.com as an Office 365 SSO domain. However, as the users log in using user@contoso.com, we would also have to configure the user accounts with a UPN of proseware.com.

Answer B is also incomplete as you would still need the users to log in using user@proseware.com.

### QUESTION 4

You need to select the appropriate authentication method for App1.

What should you do?

- A. Use classic mode authentication and set the authentication type to NTLM.
- B. Use classic mode authentication and set the authentication type to Kerberos.
- C. Use the SharePoint server-to-server security token service (STS).
- D. Use the Open Authorization 2.0 (OAuth 2.0) web authorization protocol.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

### QUESTION 5

You need to resolve the authentication issue that occurs in the SharePoint environment.

What should you do?

- A. Deploy the Secure Store Service.
- B. Use classic mode authentication and set the authentication type to NTLM.

- C. Use the Distributed Cache service.
- D. Use classic mode authentication and set the authentication type to Kerberos.
- E. Use the Open Authorization 2.0 (OAuth 2.0) web authorization protocol.

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Scenario:

The SharePoint environment contains five front-end web servers that use Windows Network Load Balancing (NLB) with NLB affinity set to None.

App1 must use Windows Authentication.

App1 must have access to each employee's photo document library

Multiple authentications often occur when users log on to and navigate in SharePoint. Users have reported some small delays accessing data.

The question refers to 'the authentication issue' - strangely it is not clear what is meant.

The Secure Store Service is an authorization service that runs on an application server. The Secure Store Service provides a database that is used to store credentials. These credentials usually consist of a user identity and password, but can also contain other fields that you define. For example, SharePoint Server 2013 can use the Secure Store database to store and retrieve credentials for access to external data sources. The Secure Store Service provides support for storing multiple sets of credentials for multiple back-end systems.

## QUESTION 6

You need to implement Office 365 authentication.

What should you do?

- A. Create an AD DS domain named proseware.com and join the AD FS servers to the proseware.com domain.
- B. Add a DNS CNAME record for www.proseware.com and point it to www.adatum.com.
- C. Deploy an AD FS proxy for the proseware.com domain.
- D. Add proseware.com as an Office 365 SSO domain and update all user principal names (UPNs) to also use proseware.com.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

There are three versions of this question; each with different answer options. This answer is the only complete answer option in all three versions of the question.

It is common for users to log in using onedomain name and connect to Office 365 using a different domain name. For example: contoso.local and contoso.com. The solution is to add the office 365 domain as a UPN (User Principle Name) for the user accounts.

#### **QUESTION 7**

You need to resolve the authentication issue that occurs in the SharePoint environment.

What should you do?

- A. Use classic mode authentication and set the authentication type to Kerberos.
- B. Deploy the Secure Store Service.
- C. Use the Open Authorization 2.0 (OAuth 2.0) web authorization protocol.
- D. Use the Distributed Cache service.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### **QUESTION 8**

You need to implement Office 365 authentication.

What should you do?

- A. Create a two-way trust between proseware.com and adatum.com.
- B. Deploy an AD FS proxy for the proseware.com domain.
- C. Create an AD DS domain named proseware.com and join the AD FS servers to the proseware.com domain.
- D. Add adatum.com and proseware.com as Office 365 SSO domains and use the SupportMultipleDomain parameter.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

This is difficult to answer because none of the answers is a complete answer. We do need to add proseware.com as an Office 365 SSO domain. However, as the users log in using user@contoso.com, we would also have to configure the user accounts with a UPN of proseware.com.

Answer C is also incomplete as you would still need the users to log in using user@proseware.com.

**QUESTION 9**

You need to resolve the authentication issue that occurs in the SharePoint environment.

What should you do?

- A. Deploy the Secure Store Service.
- B. Use classic mode authentication and set the authentication type to Kerberos.
- C. Set the NLB client affinity to Single.
- D. Remove the Network Load Balancing feature from all of the servers.

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**



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**QUESTION 10**

You need to resolve the authentication issue that occurs in the SharePoint environment.

What should you do?

- A. Remove the Network Load Balancing feature from all of the servers.
- B. Set the NLB client affinity to Single.
- C. Deploy the Secure Store Service.
- D. Use classic mode authentication and set the authentication type to NTLM.

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**



## Testlet 1

### Background

#### General Background

You are the SharePoint administrator for Blue Yonder Airlines. The company currently has a SharePoint 2010 environment. It is your responsibility to install and configure a SharePoint 2013 environment that will be used for information management and collaboration, both internally and with external partners. You must also migrate the existing SharePoint environment to SharePoint 2013.

Blue Yonder works with several external partners, including those described in the following table.

Partner company	Role	URL
Wingtip Toys	Designers of toy airplanes and other items sold by Blue Yonder.	<a href="http://www.wingtip toys.com">http://www.wingtip toys.com</a>
Tailspin Toys	Manufacturers of all toys sold by Blue Yonder.	<a href="http://www.tailspin toys.com">http://www.tailspin toys.com</a>
Margie's Travel	Staffing company that provides just-in-time staffing options for air and ground personnel.	<a href="http://www.margiestravel.com">http://www.margiestravel.com</a>

Blue Yonder collaborates with Wingtip Toys and Tailspin Toys to design, manufacture, and sell airline-related toys to customers. The Blue Yonder board of directors expects the collaborative design process to become more effective as a result of implementing SharePoint 2013.

#### Technical Background

All existing servers run Windows Server 2008 R2. The network infrastructure contains an Active Directory Domain Services (AD DS) environment. The internal AD DS domain is named blueyonderairlines.com. User-specific contact information is stored and managed in AD DS. All employees are located in the ActiveUsers organizational unit (OU). Active Directory Federation Services (AD FS) is deployed in the LAN. Two AD FS proxy servers are deployed in the perimeter network. Users log on to client computers by using the syntax username@blueyonderairlines.com.

Blue Yonder provides access to the SharePoint environment to partners through individual URLs for each partner company. Each partner company has a dedicated web application and site collection. The following table describes the access URLs.

Partner company	URL to access environment
Wingtip Toys	<a href="https://wingtiptoys.blueyonderairlines.com">https://wingtiptoys.blueyonderairlines.com</a>
Tailspin Toys	<a href="https://tailspintoys.blueyonderairlines.com">https://tailspintoys.blueyonderairlines.com</a>
Margie's Travel	<a href="https://margiestravel.blueyonderairlines.com">https://margiestravel.blueyonderairlines.com</a>

In preparation for the upgrade you maximize the default upload limits for each web application.

Blue Yonder has an existing managed metadata service containing managed metadata and content types. The content types have workflows. You create a new managed metadata service connection for the Wingtip Toys web application.

A workflow created by Blue Yonder moves information through the product lifecycle. Each access URL specifies a separate web application, site collection, and site.

### Business Requirements

The SharePoint environment must meet the following business requirements:

- Provide an environment where toy design, manufacturing, and sales information can be shared between Blue Yonder and partner companies.
- Provide a training site for internal and external users.
- Allow content authors of training materials to upload documents, large image files, and large video files for consumption by internal and external users.
- Allow users to sort content by category.
- Ensure that users from Wingtip Toys or Tailspin Toys can access content only in their own areas of the portal.
- Prevent users from Wingtip Toys and Tailspin Toys from adding terms or creating enterprise keywords.
- Content types and keywords must be shared between sites, site collections, and web applications.
- Simplify search processes by collecting unique characteristics and information about each uploaded item.
- Allow administrators to promote search query results across the entire environment.
- Allow resource coordinators from Blue Yonder to find temporary staffing options from Margie's Travel contractors and employees.
- Provide opportunities for social interaction between employees, contractors, and external contacts to promote idea generation and socialization.
- Utilize site feeds on all collaborative sites.
- Replicate profile information in the <https://blueyonderairlines.com> site to partner sites.
- Ensure that third-party vendors can read and modify documents.
- For publishing sites, use only friendly URLs that do not contain anything other than the direct address. Avoid URL constructions such as /Lists/Posts/Post.aspx?ID = 568.

Site content must meet the following requirements:

Individual training videos must be in single files, and presented on the training site.

Changes to confidential documents must be logged.

### Technical Requirements

You must meet the following technical requirements:

- Store all large files outside of the SharePoint content database or databases.
- All servers must run on virtual machines.
- Ensure that search queries are handled by web servers.

- Ensure that all lists support multiple content types.

### QUESTION 1

You need to ensure that all required sites can use microblogging features for collaboration.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Enable the Site Feeds feature on each My Site.
- B. Enable the Following Content feature on each team site.
- C. Enable self-service site creation on the web application that contains the team sites.
- D. Enable the Site Feeds feature on each team site.

**Correct Answer:** BD

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Scenario:

Provide opportunities for social interaction between employees, contractors, and external contacts to promote idea generation and socialization.

Utilize site feeds on all collaborative sites.

Setting up My Sites is the first step in configuring microblog features in SharePoint Server 2013.

### QUESTION 2

You need to specify hardware and software requirements for web servers used by the SharePoint environment.

Which two minimum requirements should you specify? (Each correct answer presents part of the solution. Choose two.)

- A. Virtual machine running Windows Server 2012
- B. 4-core virtual machine
- C. 6-core virtual machine
- D. Physical host running Windows Server 2008 R2
- E. Physical host running Windows Server 2012
- F. Virtual machine running Windows Server 2008 R2

**Correct Answer:** BF

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Scenario:

All servers must run on virtual machines.

Processor - 4 cores

Reference: Hardware and software requirements for SharePoint 2013

### QUESTION 3

Each training video file can be up to 10 GB in size.

You need to ensure that content authors can upload training video files.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Compress large video files so that they do not exceed 2 GB each.



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B. Set the size limit of the content database to unlimited.

C. Divide large video files into multiple files that do not exceed 50 MB each.

D. Utilize Remote BLOB Storage.

**Correct Answer:** AD

**Section:** [none]

**Explanation**

**Explanation/Reference:**

A:

\* Will the maximum file size limit change in SharePoint Server 2013?

No, the maximum file size that can be uploaded to SharePoint will remain at 2GB.

\* The maximum file size limit for storing file content through SharePoint is 2 GB **regardless** of whether or not you are using RBS.

D: In SharePoint 2013, a binary large object (BLOB) is a file, such as a Office 2013 document or a video file. By default, these BLOBs, also named unstructured data, are stored online in the SharePoint content database together with the metadata, or structured data. Because BLOBs can be very large, it can be helpful to move BLOB data out of the SQL Server database, and onto commodity or content addressable storage. To do this, you can use RBS (Remote BLOB Storage).

Note:

\* From Scenario (not C): Individual training videos must be in single files

\* RBS stands for Remote Blob Storage. The premise of RBS is that it is much faster to render large BLOBs( Binary Large Objects) from a file system rather than from a database (such as the SharePoint Content Database). Therefore, by moving this content out of the SharePoint Content Database, you not only shrink the overall size of your content database, you are able to also move that content on external file stores such as SAN, NAS or DAS.

Reference:<https://technet.microsoft.com/en-us/library/ff628583.aspx>

#### **QUESTION 4**

You need to configure policy settings for the user profile properties in the farm.

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

- A. Turn on the Replicable setting.
- B. Turn on the User can override policy setting.
- C. Turn off the Replicable setting.
- D. Set the default privacy setting to Everyone.
- E. Turn off the User can override policy setting.
- F. Set the default privacy setting to My Team.

**Correct Answer:** ADE

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Note:

\* From scenario: Replicate profile information in the <https://blueyonderairlines.com> site to partner sites.

The property's value will be replicated to user information lists in other sites when its value changes. For a property to be replicated, its default privacy setting must be set to Everyone and the User can override policy must not be selected.

References:

<https://technet.microsoft.com/en-us/library/ee721054.aspx>

#### **QUESTION 5**

Workflows do not start in the <https://wingtiptoy.blueyonderairlines.com> location.

You need to ensure that workflows start.

What should you do?

- A. Set the managed metadata service connection permission to full.
- B. Copy the workflows from <https://blueyonderairlines.com> to <https://wingtip toys.blueyonderairlines.com>.
- C. Copy the workflows from <https://tailspintoys.blueyonderairlines.com> to <https://wingtip toys.blueyonderairlines.com>.
- D. Set the managed metadata service connection permission to Restricted.

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Scenario:

A workflow created by Blue Yonder moves information through the product lifecycle. Each access URL specifies a separate web application, site collection, and site.

### **QUESTION 6**

You need to configure navigation for publishing sites.

What should you do?

- A. Create a managed path for the site collection.
- B. Modify the site settings to use managed navigation.
- C. Configure alternate access mapping.
- D. Modify the site settings to use structural navigation.

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Scenario:

For publishing sites, use only friendly URLs that do not contain anything other than the direct address. Avoid URL constructions such as `/Lists/Posts/Post.aspx?ID=568`.

Blue Yonder has an existing managed metadata service containing managed metadata and content types. The content types have workflows. You create a new managed metadata service connection for the Wingtip Toys web application.

## Testlet 1

### Background

#### General Background

You are a SharePoint administrator for A. Datum Corporation. A. Datum is a large legal firm with offices in Chicago, New York, and London. A. Datum is merging with a smaller legal firm named Fabrikam, Inc.

#### Technical Background

A. Datum has an Active Directory Domain Services (AD DS) domain named adatum.com. The domain contains an Active Directory Rights Management Services (AD RMS) server.

The A. Datum SharePoint environment includes the sites described in the following table.

Site	URL	Description
Public site	www.adatum.com	Public website
Intranet portal	intranet.adatum.com	Internal portal for company information
Document portal	docs.adatum.com	Internal portal for document storage
My Site portal	my.adatum.com	Internal portal for social networking

The A. Datum SharePoint environment contains two servers that run all SharePoint services. The servers run Windows Server 2012 and are members of the domain. A third-party file-level antivirus application runs on all servers in the domain. The adatum.com farm uses Microsoft SQL Server 2012 for the SharePoint databases.

A. Datum is planning a three-tier SharePoint farm to replace the existing farm. A firewall will be placed between each tier. All servers must be virtualized unless otherwise specified. The following servers are available for the new SharePoint environment:

Server name	Operating system	Location
SERVER01	None	Chicago
SERVER02	None	Chicago
SERVER03	None	New York
HOST01	Windows Server 2012 with Hyper-V	Chicago
HOST02	Windows Server 2012 with Hyper-V	Chicago

All user accounts are stored in and maintained by using Active Directory. The My Site portal and document portal SharePoint sites receive user and group membership information by using Active Directory synchronization. New users often have to wait more than 24 hours before they can view their user profile

information.

Fabrikam has an AD DS domain named fabrikam.com and a single-server SharePoint environment.

### **Web Applications**

A new remote web application named App1 will be hosted in the adatum.com domain. App1 will require access to SharePoint resources in the fabrikam.com domain. SharePoint administrators in the fabrikam.com domain must be able to administer App1 by using Windows PowerShell.

### **Technical Requirements**

You must meet the following technical requirements:

- Fabrikam users must be able to directly access internal SharePoint resources in the adatum.com domain.
- Datum users must not be able to access resources in the fabrikam.com domain.
- All documents relating to the merger must contain a barcode, and must be protected from distribution.
- Authenticated users must not be prompted for credentials when they access App1.
- Users in the adatum.com domain must be able to access all SharePoint sites the same day they receive their Active Directory account credentials.
- When a user account is deleted, the user's personal site collection must automatically be removed within 12 hours.
- The antivirus application must not scan SharePoint directories.

When migrating the SharePoint environment, you must meet the following requirements:

- The application and database servers must not be accessible from the Internet.
- The database servers must accept connections only from the SharePoint servers.
- The database servers must be physical machines running Windows Server 2012 with direct access to storage.
- The database servers must be configured for redundancy.
- All database transaction logs must be sent off-site.
- All SharePoint installation prerequisites must be installed offline.

### **QUESTION 1**

You need to configure SharePoint for the appropriate protection of merger documents.

What should you do?

- A. Configure Information Rights Management.
- B. Configure Web Part security.
- C. Configure document library permissions.
- D. Configure document conversions.

**Correct Answer: A**

**Section: [none]**

**Explanation**

**Explanation/Reference:**



## QUESTION 2

You need to configure the antivirus application.

Which two actions should you perform? (Each correct answer presents a part of the solution. Choose two.)

- A. Configure scanning to exclude the %Program Files%\Microsoft SQL Server\MSSQL10\_50.SHAREPOINT\ folder.
- B. Configure scanning to include the %Program Files%\Microsoft Office Servers\15.0\ folder.
- C. Configure scanning to exclude the %Program Files%\Microsoft Office Servers\15.0\ folder.
- D. Configure scanning to exclude the %Program Files%\Microsoft Office Servers\14.0\ folder.
- E. Configure scanning to include the %Program Files%\Microsoft Office Servers\14.0\ folder.
- F. Configure scanning to exclude the %Program Files%\Common Files\Microsoft shared\Web Server Extensions folder.

**Correct Answer:** CF

**Section:** [none]

**Explanation**

### **Explanation/Reference:**

From Scenario:

The antivirus application must not scan SharePoint directories.

Folders that may have to be excluded from antivirus scanning in SharePoint

SharePoint Foundation 2013

You may have to configure your antivirus software to exclude the following folders and subfolders from antivirus scanning:

- *Drive:\Program Files\Common Files\Microsoft Shared\Web Server Extensions*
- 
- If you do not want to exclude the whole Web Server Extensions folder from antivirus scanning, you

### **SharePoint Server 2013**

You may have to configure the antivirus software to exclude the *Drive:\Program Files\Microsoft Office Servers* folder from antivirus scanning for SharePoint Server 2013. If you do not want to exclude the whole Microsoft Office Servers folder from antivirus scanning, you can exclude only the following folders:

- *Drive:\Program Files\Microsoft Office Servers\15.0\Data*
- (This folder is used for the indexing process. If the index files are configured to be located in a different folder, you also have to exclude that location.)
- *Drive:\Program Files\Microsoft Office Servers\15.0\Logs*
- *Drive:\Program Files\Microsoft Office Servers\15.0\Bin*
- *Drive:\Program Files\Microsoft Office Servers\15.0\Synchronization Service*
- Any location in which you decided to store the disk-based binary large object (BLOB) cache (for example, C:\Blobcache).

**Note** If you have SharePoint Server 2013, these folders should be excluded in addition to the folders that are listed in the "SharePoint Foundation 2013" section.

Reference: <https://support.microsoft.com/en-us/kb/952167>

### QUESTION 3

You need to configure permissions for App1 administrators.

What should you do?

- A. Add the adatum.com SharePoint administrators as site collection administrators.
- B. Add the fabrikam.com SharePoint administrators to the SharePoint\_Shell\_Access role.
- C. Add the fabrikam.com SharePoint administrators as site collection administrators.
- D. Add the adatum.com SharePoint administrators to the SharePoint\_Shell\_Access role.

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

SharePoint administrators in the fabrikam.com domain must be able to administer App1 by using Windows PowerShell.



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### QUESTION 4

You need to ensure that the web servers can communicate with service applications after you replace the existing farm.

What should you do?

- A. Configure Windows Firewall to allow traffic on port 1433.
- B. Configure the network firewalls to allow traffic on port 32843.
- C. Configure Windows Firewall to allow traffic on port 32843.
- D. Configure the network firewalls to allow traffic on port 1433.

**Correct Answer:** B

**Section: [none]**

**Explanation**

**Explanation/Reference:**

TCP Port 32843: Communication between Web servers and service applications. http (default) To use custom port, see references section Inbound rule Added to Windows firewall by SharePoint

TCP Port 32844: Communication between Web servers and service applications. https Inbound rule Added to Windows firewall by SharePoint Reference: SharePoint 2013 Ports, Proxies and Protocols

Reference: TCP/IP Ports of SharePoint 2013

### **QUESTION 5**

You need to configure SharePoint to remove user account-related data.

Which Windows PowerShell cmdlet should you run?

- A. Enable-SPTimerJob
- B. Disable-SPTimerJob
- C. Start-SPTimerJob
- D. Set-SPTimerJob
- E. Get-SPTimerJob

**Correct Answer: D**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

Scenario:

When a user account is deleted, the user's personal site collection must automatically be removed within 12 hours.

## Question Set 1

### QUESTION 1

A company named Contoso, Ltd. has a SharePoint farm. The farm has one Search service application configured. The Search service application contains five crawl databases, all of which contain content.

Contoso plans to crawl knowledge base content from its partner company Litware, Inc. The knowledge base content must be stored in a dedicated crawl database.

You need to configure crawling.

What should you do?



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- A. Add a crawl database that contains the Litware knowledge base to the existing Search service application.
- B. Provision a new Search service application. Configure the service application to crawl the Litware knowledge base content.
- C. Set the MaxCrawlDatabase parameter to 6.
- D. Create a dedicated Microsoft SQL Server instance for the Litware crawl database.

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Farm has 1 Search Service Application configured

MrDonivan (US, 30.06.13):

Dump states to create a dedicated SQL instance. I believe this is wrong. as it will not resolve the issue that the current Search Service App is already at its hard boundary of 5 content databases. Limit of 5 is detailed here: (<http://technet.microsoft.com/en-us/library/cc262787.aspx#ContentDB>) This one item then also eliminates other options of "set MaxCrawlDatabase parameter to 6" and "add crawl database to contains the litware knowledgebase content" Only option that remains is:

Provision a new SearchServiceApplicaition and configure it to crawl the Litware KB content.

The maximum number of crawl databases is 5 per Search service application so we need another Search service application.

This maximum limit is increased to 15 with an Office 2013 update but the question doesn't mention that this update is installed so we have to assume the question

was written before the update was released.

Crawl databases	15 per Search service application	Supported
-----------------	-----------------------------------	-----------

Recommended value for crawl databases is 5 per search service application.

Reference:<http://social.technet.microsoft.com/wiki/contents/articles/25615.sharepoint-2013-limitations-boundaries.aspx>

## QUESTION 2

### DRAG DROP

You are configuring permission levels for two user groups named Architects and Sales.

You have the following requirements for SharePoint site permissions:

- Managers (Architects) must be able to view website usage reports.
- Editors (Sales) must be able to edit documents online.

You need to configure the appropriate permission levels for each group.

Which permission levels should you assign? (To answer, drag the appropriate permission levels to the correct group or groups in the answer area. Each permission level may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

**Select and Place:**

Answer Area	
Apply Style Sheets	
Manage Lists	
Manage Web Site	
Use Client Integration Features	
View Web Analytics Data	

Correct Answer:

Answer Area	
Apply Style Sheets	
Manage Lists	
Manage Web Site	

Section: [none]  
Explanation

Explanation/Reference:

Note:

\* After the Web Analytics service application is configured, the View Web Analytics Data permission needs to be created for users that are not a site collection administrator or site owner. This is the minimum required permission needed to view Web Analytics reports.

\* Use Client Integration Features

Use features that start client applications. Without this permission, users must work on documents locally and then upload their changes.

Reference: Create and configure the View Web Analytics Data permission

### QUESTION 3

A company uses SharePoint 2013 Server as its intranet portal. The Marketing department publishes many news articles, press releases, and corporate communications to the intranet home page.

You need to ensure that the Marketing department pages do not impact intranet performance.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. In Central Administration, set up a User Policy for the Super User and Super Reader accounts.
- B. Configure IIS to use the Super User and Super Reader accounts for caching.
- C. Use the Farm Configuration Wizard to configure the Super User and Super Reader accounts.
- D. Use Windows PowerShell to add the Super User and Super Reader accounts.

**Correct Answer:** AD

**Section:** [none]

**Explanation**

#### **Explanation/Reference:**

A: The way to correct this problem is to first create two normal user accounts in AD. These are not service accounts. You could call them domain\superuser and domain\superreader, but of course that's up to you.

The domain\superuser account needs to have a User Policy set for that gives it Full Control to the entire web application.

D: If you are using any type of claims based authentication you will need to use Windows PowerShell. And Windows PowerShell is the hipper more modern and sustainable option anyway.

If you are using classic mode authentication run the following cmdlets on one of your SharePoint servers:

```
$w = Get-SPWebApplication "http://<server>/"  
$w.Properties["portalsuperuseraccount"] = "domain\superuser"  
$w.Properties["portalsuperreaderaccount"] = "domain\superreader"  
$w.Update()
```

If you are using claims based authentication run these cmdlets on one of your SharePoint servers:

```
$w = Get-SPWebApplication "http://<server>/"  
$w.Properties["portalsuperuseraccount"] = "i:0#.w|domain\superuser"
```

```
$w.Properties["portalsuperreaderaccount"] = "i:0#.w|domain\superreader"  
$w.Update()
```

Note:

\* If you have a SharePoint Publishing site and you check the event viewer every once in a while you might see the following warning in there:

*Object Cache: The super user account utilized by the cache is not configured. This can increase the number of cache misses, which causes the page requests to consume unnecessary system resources.*

*To configure the account use the following command 'stsadm -o setproperty -propertynameportalsuperuseraccount -propertyvalue account -urlwebappurl'. The account should be any account that has Full Control access to the SharePoint databases but is not an application pool account.*

*Additional Data:*

*Current default super user account: SHAREPOINT\system*

This means that the cache accounts for your web application aren't properly set and that there will be a lot of cache misses. If a cache miss occurs the page the user requested will have to be build up from scratch again. Files and information will be retrieved from the database and the file system and the page will be rendered. This means an extra hit on your SharePoint and database servers and a slower page load for your end user.

Reference: Resolving "The super user account utilized by the cache is not configured."

#### QUESTION 4

You are managing a SharePoint farm.

Diagnostic logs are rapidly consuming disk space.

You need to minimize the amount of log data written to the disk.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Set the log event level to Information.
- B. Set the log event level to Verbose.
- C. Set the log trace level to Medium.
- D. Set the log trace level to Verbose.
- E. Set the log event level to Warning.
- F. Set the log trace level to Monitorable.

**Correct Answer:** EF

**Section:** [none]

**Explanation**

**Explanation/Reference:**

E: Event Levels

Warning, Level ID 50

Information, Level ID: 80



Verbose, Level ID: 100

F: Trace levels:  
Monitorable: 15  
Medium: 50  
Verbose: 100

Note: When using the Unified Logging System (ULS) APIs to define events or trace logs, one of the values you must supply is the ULS level. Levels are settings that indicate the severity of an event or trace and are also used for throttling, to prevent repetitive information from flooding the log files.

Reference:[https://msdn.microsoft.com/en-us/library/office/ff604025\(v=office.14\).aspx](https://msdn.microsoft.com/en-us/library/office/ff604025(v=office.14).aspx)

### QUESTION 5

A company's SharePoint environment contains three web applications. The root site collections of the web applications host the company intranet site, My Sites, and a Document Center.

SharePoint is configured to restrict the default file types, which prevents users from uploading Microsoft Outlook Personal Folder (.pst) files.

The company plans to require employees to maintain copies of their .pst files in their My Site libraries.

You need to ensure that employees can upload .pst files to My Site libraries.

In which location should you remove .pst files from the blocked file types?

- A. The File Types area of the Search service application section of Central Administration
- B. The General Security page in the site settings for the site collection
- C. The Blocked File Types page in the site settings for the site collection
- D. The General Security section of the Security page of Central Administration

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

### QUESTION 6

DRAG DROP

You are managing a SharePoint farm that contains the following four sites:

- Site1 and Site2 are in the root site collection and contain publicly accessible content.
- Site3 is a subsite of Site1, and contains confidential content.

- Site4 is a subsite of Site2, and contains confidential content.

All SharePoint sites within the farm must use the principle of least privilege.

You need to plan the site authorization settings.

What should you do? (To answer, drag the appropriate terms to the correct site or sites in the answer area. Each term may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

**Select and Place:**

Answer Area	
Site	Permissions
Site1	
Site2	
Site3	
Site4	

**Correct Answer:**

Answer Area	
Site	Permissions
Site1	Inherited
Site2	Inherited
Site3	Unique
Site4	Unique

**Section: [none]**  
**Explanation**

**Explanation/Reference:**

Note:

\* Site1 and Site2 are in the root domain. They both inherit permission from the root domain.

\* Site3 and Site4 should not inherit permissions from Site1 and Site2 respectively. They should have unique permissions

**QUESTION 7**

Contoso, Ltd. recently merged with Fabrikam, Inc. Each company has an Active Directory Domain Services (AD DS) domain. You are managing a SharePoint farm in the contoso.com domain.

You need to enable users in the fabrikam.com domain to access the Contoso SharePoint farm and prevent users in the contoso.com domain from accessing resources in the fabrikam.com domain.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Configure a two-way forest trust from the fabrikam.com domain to the contoso.com domain.
- B. Add the fabrikam.com AD security groups to the SharePoint farm.
- C. Configure a two-way forest trust from the contoso.com domain to the fabrikam.com domain.
- D. Add the contoso.com AD security groups to the SharePoint farm.

- E. Configure a one-way forest trust from the fabrikam.com domain to the contoso.com domain.
- F. Configure a one-way forest trust from the contoso.com domain to the fabrikam.com domain.

**Correct Answer:** BF

**Section:** [none]

**Explanation**

**Explanation/Reference:**

F: This is a one-way trust.

The resource is in the Contoso domain. Contoso need to trust Fabrikam.

B: The users in Fabrikam need to have access to Contoso resources. The fabrikam.com AD security groups should be added to the SharePoint Farm.

### QUESTION 8

You are configuring a query rule for a site in a SharePoint site collection.

You need to promote specific search results during a defined date range only.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Configure actions for the rule.
- B. Configure query conditions for the rule.
- C. Add the rule with a source type.
- D. Add the rule without a source type.
- E. Configure publishing options for the rule.

**Correct Answer:** AE

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Without using any custom code, Search service application administrators, site collection administrators, and site owners can help searches respond to the intent of users by creating query rules. In a query rule, you specify conditions and correlated actions. When a query meets the conditions in a query rule, the search system performs the actions specified in the rule to improve the relevance of the search results, such as by narrowing results or changing the order in which results are displayed. For example, a query rule condition could be that a term in a query matches a particular term in a SharePoint term set, or that a query is frequently performed on a particular result source in a search system, such as videos. When the query rule condition is satisfied, a correlated action could be to show a specific item at the top of the search results.

You can configure query rules for one or more result sources, and you can specify the time period during which the query rule is active.

E: To make the query rule active during a particular time period, click **Publishing**, and then specify the period.

Reference:<https://technet.microsoft.com/en-us/library/jj871676.aspx>

#### QUESTION 9

##### DRAG DROP

A SharePoint environment includes an enterprise search application. You are configuring the search application crawl schedule for a specific farm.

You plan to configure the crawl schedule at set intervals of 15 minutes on a continuous basis. The relevant information for the farm is shown in the following graphic.

```
Name          : Search Service Application
Id            : 93b820c1-03ae-4056-afb0-f8e6397556e2
ServiceName   : SearchQueryAndSiteSettingsService
```

You need to ensure that search results are fresh and up-to-date for all SharePoint sites in the environment.

Which Windows PowerShell cmdlets should you run? (To answer, drag the appropriate cmdlets to the correct variable or variables in the answer area. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

**Select and Place:**

**Get-SPEnterpriseSearchCrawlContentSource -  
SearchApplication \$corpsearchapp**

**Get-SPEnterpriseSearchServiceApplication "Search Service  
Application"**

**Set-SPEnterpriseSearchCrawlContentSource -  
EnableContinuousCrawls 1**

**Set-SPEnterpriseSearchCrawlContentSource -ScheduleType  
Full Daily CrawlSchedule -CrawlScheduleRunEveryInterval 30**

**Set-SPEnterpriseSearchCrawlContentSource -ScheduleType  
Incremental -  
DailyCrawlScheduleCrawlScheduleRepeatInterval 15 -  
CrawlScheduleRepeatDuration 1440**

Answer Area

Variable	Windows PowerShell cmdlet
\$corpsearchapp =	
\$contentsource =	

**Correct Answer:**

### Set-SPEnterpriseSearchCrawlContentSource - EnableContinuousCrawls 1

**Set-SPEnterpriseSearchCrawlContentSource -ScheduleType Full Daily CrawlSchedule -CrawlScheduleRunEveryInterval 30**

Answer Area

Variable	Windows PowerShell cmdlet
\$corpsearchapp =	Get-SPEnterpriseSearchServiceApplication "Search Service Application"
\$contentsource =	Get-SPEnterpriseSearchCrawlContentSource - SearchApplication \$corpsearchapp



**Section: [none]**

**Explanation**

**Explanation/Reference:**

\* Get-SPEnterpriseSearchServiceApplication

Returns the search service application for a farm.

-----EXAMPLE-----

\$ssa = Get-SPEnterpriseSearchServiceApplication Identity MySSA This example obtains a reference to a search service application named MySSA.

Example2:

-----EXAMPLE-----

\$searchapp = Get-SPEnterpriseSearchServiceApplication " SearchApp1" \$contentsource = Get- SPEnterpriseSearchCrawlContentSource -SearchApplication \$searchapp -Identity "Local SharePoint Sites" \$contentsource.StartFullCrawl()

This example retrieves the default content source for the search service application, SearchApp1, and starts a full crawl on the content source.

\* Set-SPEnterpriseSearchCrawlContentSource

Sets the properties of a crawl content source for a Search service application.

This cmdlet contains more than one parameter set. You may only use parameters from one parameter set, and you may not combine parameters from different parameter sets. For more information about how to use parameter sets, see Cmdlet Parameter Sets. The Set-SPEnterpriseSearchCrawlContentSource cmdlet updates the rules of a crawl content source when the search functionality is initially configured and after any new content source is added. This cmdlet is called once to set the incremental crawl schedule for a content source, and it is called again to set a full crawl schedule. [www.dump4certs.com](http://www.dump4certs.com)

\* Incorrect: Get-SPEnterpriseSearchCrawlContentSource

Returns a crawl content source.

The Get-SPEnterpriseSearchCrawlContentSource cmdlet reads the content source when the rules of content source are created, updated, or deleted, or reads a CrawlContentSource object when the search functionality is initially configured and after any new content source is added.

Reference: Set-SPEnterpriseSearchCrawlContentSource

----- gerfield01 (DE, 15.07.15):

The given answer is wrong it must set to the following values.

\$corpsearchapp = Get-SPEnterpriseSearchServiceApplication "Search Service Application" \$contentsource = Get-SPEnterpriseSearchCrawlContentSource - SearchApplication \$searchapp "" \$cs | Set-SPEnterpriseSearchCrawlContentSource -EnableContinuousCrawls 1

Read MOC 70-331 Page 391

If you enable continuous crawling, you do not configure incremental or full crawls.

When you select the option to crawl continuously, the content source is crawled every 15 minutes.

**QUESTION 10**

A company is planning to upgrade from SharePoint 2010 to SharePoint 2013.

You need to find out the web traffic capacity of the SharePoint farm by using a Microsoft Visual Studio Team System project file.

Which tool should you use?

A. Network Monitor

B. SharePoint Health Analyzer

- C. SharePoint Diagnostic Studio
- D. Load Testing Kit (LTK)

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### **QUESTION 11**

You install SharePoint Server in a three-tiered server farm that meets the minimum requirements for SharePoint 2013 and surrounding technologies. The content databases will reside on Fibre Channel drives in a storage area network (SAN). The backup solution will utilize SAN snapshots.

You are estimating storage requirements. You plan to migrate 6 TB of current content from file shares to SharePoint.

You need to choose the content database size that will optimize performance, minimize administrative overhead, and minimize the number of content databases.

Which content database size should you choose?

- A. 100 GB
- B. 200 GB
- C. 3 TB
- D. 6 TB

**Correct Answer:** C

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Microsoft recommends content database size limits of 200GB. However, the main reason for this is for ease of management when it comes to backing up and restoring the content databases using SQL Server backups. In this question, the backups are handled by the SAN using SAN snapshots so that is not an issue. A 200GB database size would also mean 30 content databases and therefore 30 site collections. This does not meet the requirements of minimizing administrative overhead or minimizing the number of content databases. Two 3 TB databases does meet those requirements. Over 4TB is not recommended which excludes answer D.

#### **QUESTION 12**

A web application is configured in a SharePoint environment.

A user receives an application error message that includes a correlation ID.

You need to find out the cause of the error.

Which two actions can you perform to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Locate the correlation ID in the Security event log.
- B. Enable the Developer Dashboard and review the content.
- C. Locate the correlation ID in the Unified Logging Service (ULS).
- D. Locate the correlation ID in the System event log.

**Correct Answer:** BC

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Windows Event Logs

These are the events that you are used to viewing in the Windows Event Viewer. While SharePoint 2010 will write to its own trace logs, it also writes events here as well. You can configure how much information SharePoint writes to the Windows Event Logs in the same way you can control how much it writes to the trace logs. Enabling event log throttling (In Central Administration, under Monitoring > "Configure diagnostic logging"), SharePoint will only write events periodically, telling you the event is still being throttled. This keeps your Windows Event Logs from being overrun by the same message.

B: The Developer Dashboard

You aren't always handed the correlation ID all tied up with a bow. Sometimes the page will render, but there are problems with individual web parts. In those cases, you can use the Developer Dashboard to get the correlation ID and hunt down the problem. This dashboard is loaded at the bottom of your requested web page. The user browsing the page must have the AddAndCustomizePages permission (site collection admins and users in the Owner group, by default) to see the Developer Dashboard and it must be enabled in your farm.

Incorrect:

C: ULS logs errors, but you

C: The actual details of your error will be in SharePoint's ULS log files. The key here is the correlation ID that has been listed out. You have to parse through the appropriate log file and filter down to log events that use that correlation ID. Then, within that group of items, there should be more detailed error messages about what happened.

Where to find ULS log files

They're in SharePoint's hive. Since you're using 2013, they will be in the 15 hive, which is located at:

C:\Program Files\Common Files\Microsoft Shared\Web Server Extensions\15\Logs

D: The correlation ID is basically a unique error identifier (GUID) Microsoft displays on an error screen in SharePoint - and it is very useful. This error screen will also include the date/time of the error. The correlation ID is attached to every event related to the error you experienced within the SharePoint event log.

Note:

\* Correlation ID

The correlation ID is a globally unique identifier GUID that is assigned to each conversation a user or process has with SharePoint.

The correlation ID is considered by many administrators to be one of the best new features in SharePoint 2010.

When an error occurs, an administrator can use the correlation ID to track down all the events in the trace logs that pertain to the conversation where the problem occurred.

### QUESTION 13

A company has a SharePoint environment that consists of two web applications. The first web application is used as the corporate intranet site, and the second web application hosts several custom apps. The custom apps use Microsoft Business Connectivity Services (BCS) Web Parts to retrieve data from external systems.

The home page of the second web application displays information from three custom apps and renders slowly.

You need to identify the custom app that is causing the slow response times.

Which tool should you use?

- A. SharePoint Web Analytics service application
- B. SharePoint audit log reports
- C. SharePoint Health Analyzer
- D. Developer Dashboard

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

The Web Analytics Service is deprecated.

garfield\_01 (DE, 17.07.13):

Web Analytics in SharePoint Server 2010

Description: Web Analytics in SharePoint Server 2010 has been discontinued and is not available in SharePoint 2013. Analytics processing for SharePoint 2013 is now a component of the Search service.

Reference: <https://technet.microsoft.com/en-us/library/ff607742.aspx>

### QUESTION 14

You are managing a SharePoint farm.

The SharePoint databases are configured to run on a dedicated instance of Microsoft SQL Server 2008 R2 Service Pack 1.

You need to optimize query executions.

What should you do?

- A. Move the SharePoint databases to a RAID 10 volume.
- B. Move the SharePoint databases to a RAID 5 volume.
- C. Set the maximum degree of parallelism for SQL Server instances to 4.
- D. Set the maximum degree of parallelism for SQL Server instances to 0.

**Correct Answer: A**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

Setting the maximum degree of parallelism for SQL Server instances to 1 is recommended to optimize query executions. However, that is not an option in this question. Therefore, the only other way to optimize query executions is to put the SharePoint databases on the fastest storage possible, in this case RAID 10.

#### **QUESTION 15**

You are managing a site collection in a SharePoint farm.

You need to configure the minimum level of permissions necessary for users to manage lists in the site collection.

What permission level should you configure?

- A. Full Control
- B. Create
- C. Design
- D. Contribute

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

To managelists, you need the Manage Lists permission. The Managed Lists permission is included in the following permission levels:

- Edit
- Design
- Full Control
- Manage Hierarchy

In this question, the minimum permission level that includes the Manage Lists permission is Design.

#### QUESTION 16

You are managing a SharePoint farm.

You need to collect information about the health of a web application.

What should you use?



<https://www.gratisexam.com/>

- A. SharePoint Health Analyzer
- B. Windows Management Instrumentation (WMI)
- C. SharePoint Developer Dashboard
- D. timer jobs

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### QUESTION 17

You are the term store manager of a SharePoint environment.

You need to make term sets available across the entire farm. You must ensure that users can reuse terms but not edit terms.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Prohibit the use of keywords other than those in a specific term set.
- B. Create a global term set.
- C. Enable term pinning.
- D. Prohibit grid editing in the Datasheet view.
- E. Create a local term set.

**Correct Answer:** AB

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Note:

Anyone can add a new term to an open term set. Only people who were identified as contributors to a term set group can add terms to a closed term set in the group. For example, a term set that represents cost centers would probably be closed. A term set that represents contributors to a charity might be open.

On global term set see step 8) below.

Make a term set available to other site collections

After you create a term set on the authoring site collection, you have to make it available to publishing site collections. You can make a term set available to all site collections or to specific site collections.

To make a term set available to all site collections:

- Verify that the user account that performs this procedure is a member of the Owners SharePoint group on the authoring site that contains the catalog.
- On the authoring site, on the **Settings** menu, click **Site Settings**.
- On the **Site Settings** page, in the **Site Administration** section, click **Term store management**. If the user that performs this procedure is already a member of the Term Store Administrators group, you can skip to step 7.
- In the **Term Store Management Tool**, verify that **Managed Metadata Service** is selected.
- In the **Term Store Administrator** section, type one or more user names.
- Click **Save**.
- Right-click **Managed Metadata Service**, and then select **New Group**.
- Type the name of the global term set that you want to create, and then press **Enter**.
- Refresh the page.
- Right-click the term set that you want to make available to all site collections, and then click **Move Term Set**.
- In the **Term Set Move** dialog box, click the global term set that you want to move the term set to, and then click **OK**.
- Refresh the page.

Reference: <https://technet.microsoft.com/en-us/library/jj656774.aspx>

#### **QUESTION 18**

A company is planning to deploy My Sites to its 25,000 employees. The company will maintain dedicated content databases for the storage of personal site collections.

You need to create the minimum number of content databases required to support the My Sites.

What should you do?

- A. Create three content databases. Set the value of the WarningSiteCount property of each content database to 10,000.
- B. Create one content database. Set the value of the WarningSiteCount property of the content database to 25,000.
- C. Create one content database. Set the value of the MaxSiteCount property of the content database to 25,000.
- D. Create three content databases. Set the value of the MaxSiteCount property of each content database to 10,000.
- E. Create five content databases. Set the value of the WarningSiteCount property of each content database to 5,000.
- F. Create five content databases. Set the value of the MaxSiteCount property of each content database to 5,000.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Site collections per content database: 10,000 maximum (2,500 non-Personal site collections and 7,500 Personal Sites, or 10,000 Personal Sites alone) We strongly recommended limiting the number of site collections in a content database to 5,000. However, up to 10,000 site collections in a database are supported.

SPContentDatabase.WarningSiteCount property - by default is set to 2000.

SPContentDatabase.MaximumSiteCount property - by default is set to 5000.

Reference: <https://technet.microsoft.com/en-us/library/cc262787.aspx>

#### **QUESTION 19**

You are managing a SharePoint farm. The SharePoint databases are configured to run on a dedicated instance of Microsoft SQL Server 2008 R2 Service Pack 1.

You need to optimize query executions.

What should you do?

- A. Set the maximum degree of parallelism for SQL Server instances to 4.
- B. Set the maximum degree of parallelism for SQL Server instances to 1.
- C. Move the master database to a RAID 5 volume.
- D. Set the maximum degree of parallelism for SQL Server instances to 32.

**Correct Answer:** B



**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

Set max degree of parallelism (MAXDOP) to 1 for instances of SQL Server that host SharePoint databases to make sure that a single SQL Server process serves each request.

Important:

Setting the max degree of parallelism to any other number can cause a less optimal query plan to be used that will decrease SharePoint Server 2013 performance.

Ref: [http://technet.microsoft.com/en-us/library/hh292622\(v=office.15\).aspx](http://technet.microsoft.com/en-us/library/hh292622(v=office.15).aspx)

## **QUESTION 20**

You are managing a site collection in a SharePoint farm.

You need to configure the minimum level of permissions necessary for users to manage lists in the site collection.

What permission level should you configure?

- A. View Only
- B. Edit
- C. Full Control
- D. Read

**Correct Answer: B**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

To manage lists, you need the Manage Lists permission. The Managed Lists permission is included in the following permission levels:

- Edit
- Design
- Full Control
- Manage Hierarchy

In this question, the minimum permission level that includes the Manage Lists permission is Edit.

## **QUESTION 21**

You are managing a SharePoint environment. All SharePoint databases reside on servers that run Microsoft SQL Server 2012.

You observe an increase in the consumption of disk space by the SharePoint configuration database.

You need to minimize disk space usage. Which recovery model should you set?

- A. Transactional
- B. Full
- C. Bulk-logged
- D. Simple

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Simple would take the least space.

<https://msdn.microsoft.com/en-us/library/ms189275.aspx>

## QUESTION 22

A SharePoint environment contains a single web application at <http://web01>.

You create a site collection under the web application. The site collection has the URL <http://sharepoint.contoso.com>.

You need to ensure that the site collection is also accessible at <http://intranet.contoso.com>.

What should you do?

- A. Add [intranet.contoso.com](http://intranet.contoso.com) as an alternate access mapping for the web application.
- B. Extend the web application and add [intranet.contoso.com](http://intranet.contoso.com) to the Intranet Zone.
- C. Run the Set-SPSiteUrl Windows PowerShell cmdlet.
- D. Run the New-SPSite Windows PowerShell cmdlet.

**Correct Answer:** C

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

When you create a new hostname site collection, the default alternate access mappings will still exist but cannot be used. Use Windows PowerShell commands to manage URL mappings for host-named site collections.

Add a mapping to an existing site:

Set-SPSiteUrl (Get-SPSite 'http://teams.contoso.com') -Url 'http://teamsites.contoso.com' -ZoneIntranet Reference: Host-named site collections versus path-based site collections

### **QUESTION 23**

#### **DRAG DROP**

A company's SharePoint environment contains a single web application with a root site collection that hosts the company intranet site.

The company plans to allow project managers to create project-specific sites and assign permissions for those sites to project team members.

The project sites will contain large files.

You have the following requirements:

- Create a separate area of the intranet site for the purpose of containing project sites.
- Assign a distinct URL to the project site area.
- Ensure that project managers can create project sites and add users to project sites.
- Ensure that project site data is stored separately from other intranet site content.

You need to create and configure the project site area.

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.)

**Select and Place:**

	Answer Area
<p>In the root site for the intranet, enable the setting to use additional content databases.</p>	
<p>In a content database separate from that of the intranet site, create a site collection under the managed path.</p>	
<p>In the root site for the site collection, grant project managers permission to create sites and add users to the sites.</p>	
<p>Create a site at the root of the intranet site.</p>	
<p>In Central Administration, create a managed path for the web application.</p>	

**Correct Answer:**

	Answer Area
In the root site for the intranet, enable the setting to use additional content databases.	In Central Administration, create a managed path for the web application.
	In a content database separate from that of the intranet site, create a site collection under the managed path.
	In the root site for the site collection, grant project managers permission to create sites and add users to the sites.
Create a site at the root of the intranet site.	

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Box 1: In Central Administration, create a managed path for the web application.

Box 2: In a content database separate from that of the intranet site, create a site collection under the managed path.

Box 3: In the root site for the site collection, grant project managers permission to create sites and add users to the sites.

When you define managed paths, you can specify the paths in the URL namespace of a web application to use for site collections. You can specify that one or more site collections exist at a specified path. This can be a convenient method of combining multiple site access for users in various departments.

Reference: <https://technet.microsoft.com/en-us/library/cc261845.aspx>

**QUESTION 24**

## HOTSPOT

A company has a SharePoint farm. The environment contains a server-based virus scanner.

You need to configure the SharePoint farm to clean infected documents when users open documents or save documents to their computers.

How should you configure the antivirus settings? (To answer, select the appropriate check boxes in the answer area.)

### Hot Area:

#### Antivirus Settings

Specify when you want documents stored in document libraries and lists to be virus scanned, and whether you want your virus scanner to attempt to clean infected documents.

- ☐ Scan documents on upload
- ☐ Scan documents on download
- ☐ Allow users to download infected documents
- ☐ Attempt to clean infected documents

### Correct Answer:

#### Antivirus Settings

Specify when you want documents stored in document libraries and lists to be virus scanned, and whether you want your virus scanner to attempt to clean infected documents.

- ☐ Scan documents on upload
- ☒ Scan documents on download
- ☐ Allow users to download infected documents
- ☒ Attempt to clean infected documents

Section: [none]  
Explanation

**Explanation/Reference:**

**QUESTION 25**

You are managing a site collection in a SharePoint farm.

You need to configure the minimum level of permissions necessary for users to manage lists in the site collection

What permission level should you configure?

- A. Contribute
- B. View Only
- C. Edit
- D. Read

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

To manage lists, you need the Manage Lists permission. The Manage Lists permission is included in the following permission levels:

- Edit
- Design
- Full Control
- Manage Hierarchy

In this question, the minimum permission level that includes the Manage Lists permission is Edit.

**QUESTION 26**

You are managing a SharePoint farm. The SharePoint databases are configured to run on a dedicated instance of Microsoft SQL Server 2008 R2 Service Pack 1.

You need to optimize query executions.

What should you do?

- A. Set the maximum degree of parallelism for SQL Server instances to 0.
- B. Move the master database to a RAID 10 volume.
- C. Set the maximum degree of parallelism for SQL Server instances to 1.

D. Set the maximum degree of parallelism for SQL Server instances to 32.

**Correct Answer:** C

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Set max degree of parallelism (MAXDOP) to 1 for instances of SQL Server that host SharePoint databases to make sure that a single SQL Server process serves each request.

Important:

Setting the max degree of parallelism to any other number can cause a less optimal query plan to be used that will decrease SharePoint Server 2013 performance.

Ref: [http://technet.microsoft.com/en-us/library/hh292622\(v=office.15\).aspx](http://technet.microsoft.com/en-us/library/hh292622(v=office.15).aspx)

#### **QUESTION 27**

A SharePoint farm has a very large search index.

Users report that search results are too broad.

You need to ensure that properties can be used to refine search results.

Which two options should you configure? (Each correct answer presents part of the solution. Choose two.)

- A. Searchable
- B. Queryable
- C. Complete Matching
- D. Retrievable
- E. Refinable
- F. Sortable

**Correct Answer:** BE

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:



**To create a managed property, add type code to the name, and enable a managed property as a refiner**

- Verify that the user account that performs this procedure is an administrator of the Search service application.
- In Central Administration, in the **Application Management** section, click **Manage service applications**.
- On the **Manage Service Applications** page, click the Search service application in which you want to create a managed property.
- On the Search Administration page, in the Quick Launch, under **Queries and Results**, click **Search Schema**.
- On the **Managed Properties** page, click **New Managed Property**.
- On the **New Managed Property** page, in the **Property name** box, in the **Name and description** section, type the name of the new managed property, followed by the appropriate type code. For an overview of type codes, see [Type codes](#).
- In the **Type** section, select the appropriate data type.
- In the **Main characteristics** section, set the following selections:
  - **Queryable**
  - **Refinable: Yes - active** or **Yes - latent**

You can also specify additional settings in this section.

- In the **Mappings to crawled properties** section, click **Add a mapping**.
- In the **Crawled property selection** dialog box, find the crawled property that you want to map to the managed property in the list, or search for it by typing the name of the crawled property in the box, and then clicking **Find**.

Reference: Map a crawled property to a refinable managed property in SharePoint site collection administration

Explanation: B, D: The search index consists of a set of files in folders on a server. The content processing component processes crawled items, uses the search schema to map crawled properties to managed properties, and translates the managed properties into a format that is written to the search index. In addition to various full-text indexes, there are separate indexes of the managed properties that are marked as retrievable and those that are marked as queryable.

Note:

\* Queryable

Enables querying against the specific managed property. The managed property name must be included in the query, either specified in the query itself or included in the query programmatically.

\* Retrievable

Enables the content of this managed property to be returned in search results. Enable this setting for managed properties that are relevant to present in search results.

\* Settings on the managed properties determine how content is saved in the search index.

Reference: <https://technet.microsoft.com/en-us/library/jj219669.aspx>

You need to ensure that properties can be used to refine search results.

## **QUESTION 28**

You are managing a SharePoint farm in an Active Directory Domain Services (AD DS) forest.

The forest contains two domains named `americas.contoso.com` and `europe.contoso.com`. A single SharePoint farm is located in the `americas.contoso.com` domain and uses Kerberos authentication.

Users in the europe.contoso.com domain cannot access the Excel Services application in the americas.contoso.com domain when using an external data source.

You need to ensure that users in the europe.contoso.com domain can use the Excel Services application with external data sources.

What should you do?



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- A. Deploy a SharePoint farm in the europe.contoso.com domain.
- B. Configure Kerberos constrained delegation.
- C. Configure basic Kerberos delegation.
- D. Configure anonymous access in the SharePoint farm.

**Correct Answer: B**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

Excel Services accesses external datasources by using a delegated Windows identity. Consequently, external data sources must reside within the same domain as the SharePoint Server 2010 farm or Excel Services must be configured to use the Secure Store Service. If the Secure Store Service is not used and external data sources do not reside within the same domain, authentication to the external data sources will fail.

References:

[https://technet.microsoft.com/en-us/library/ff604007\(v=office.14\)](https://technet.microsoft.com/en-us/library/ff604007(v=office.14))

#### **QUESTION 29**

A company's SharePoint environment contains three web applications.

The company must record the following information for each document in any of the three web applications:

- The date and time at which the document was last reviewed.
- Additional custom date and time information as requirements are identified.

You have the following requirements:

- Ensure that the current information is available when searching content and for refining search results.

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- Ensure that the additional custom date and time information can be assigned to content in all web applications.
- Ensure that SharePoint users who are not farm administrators can record additional date and time information as required.

You need to meet the requirements.

What should you do?

- A. Create a column of data type Date and Time in a document library in each site collection.
- B. In Central Administration, create a term set with a term of data type Date and Time.
- C. Create a content type that uses a custom field of data type Date and Time in each site collection.
- D. Create a site column of data type Date and Time in each site collection.

**Correct Answer: B**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

### **QUESTION 30**

**DRAG DROP**

You are troubleshooting services in a SharePoint environment.

The services have the following logging requirements:

- Business Connectivity Services must have only the minimum logging level.
- Word Automation Services must log all errors.
- The Search service logs must log all activity.

You need to apply the appropriate trace log diagnostic level for each service.

Which diagnostic level should you apply to each service? (To answer, drag the appropriate levels to the correct service or services in the answer area. Each level may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

**Select and Place:**

Answer Area	
High	
Medium	
Monitorable	
Unexpected	
Verbose	

Level	Service
	Business Connectivity Services
	Word Automation Services
	Search service

Correct Answer:

Answer Area	
Medium	
Monitorable	

Level	Service
Unexpected	Business Connectivity Services
High	Word Automation Services
Verbose	Search service

Section: [none]

Explanation

**Explanation/Reference:**

Unexpected - This level records messages about events that cause solutions to stop processing. When set to this level, the log will include events at the Unexpected, Exception, Assert, and Critical levels.

Monitorable - This level records messages about all unrecoverable events that limit the functionality of the solution but do not stop the application. When set to this level, the log also includes events that the Unexpected setting records.

High - This level records all events that are unexpected but which do not stop the processing of a solution. When set to log at this level, the log also includes all events that the Monitorable setting records.

Verbose - When set to this level, the log includes most actions. Verbose tracing produces many log messages. This level is typically used only for debugging in a

development environment. When set to log at this level, the log will also include all events that the Medium setting records.

### **QUESTION 31**

You are managing a SharePoint farm. The SharePoint databases are configured to run on a dedicated instance of Microsoft SQL Server 2008 R2 Service Pack 1.

You need to optimize query executions.

What should you do?

- A. Move the master database to a RAID 10 volume.
- B. Set the maximum degree of parallelism for SQL Server instances to 0.
- C. Set the maximum degree of parallelism for SQL Server instances to 4.
- D. Set the maximum degree of parallelism for SQL Server instances to 1.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Set max degree of parallelism (MAXDOP) to 1 for instances of SQL Server that host SharePoint databases to make sure that a single SQL Server process serves each request.

Important:

Setting the max degree of parallelism to any other number can cause a less optimal query plan to be used that will decrease SharePoint Server 2013 performance.

Ref:[http://technet.microsoft.com/en-us/library/hh292622\(v=office.15\).aspx](http://technet.microsoft.com/en-us/library/hh292622(v=office.15).aspx)

### **QUESTION 32**

You are managing SharePoint Online site collections.

You need to assign the minimum permission level necessary to create subsites.

Which permission level should you assign?

- A. Approve
- B. Design
- C. Manage Hierarchy
- D. Contribute

**Correct Answer:** C

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

If you use a site template other than the team site template, you will see a different list of default SharePoint permission levels. For example, the following table shows additional permission levels provided with the publishing template.

Permission level	Description	Permissions included by default
Restricted Read	View pages and documents. For publishing sites only.	<ul style="list-style-type: none"> <li>• View Items</li> <li>• Open Items</li> <li>• View Pages</li> <li>• Open</li> </ul>
Approve	Edit and approve pages, list items, and documents. For publishing sites only.	Contribute permissions, plus: <ul style="list-style-type: none"> <li>• Override List Behaviors</li> <li>• Approve Items</li> </ul>
Manage Hierarchy	Create sites; edit pages, list items, and documents, and change site permissions. For Publishing sites only.	Design permissions minus the Approve Items, Apply Themes and Borders, and Apply Style Sheets permissions, plus: <ul style="list-style-type: none"> <li>• Manage permissions</li> <li>• View Web Analytics Data</li> <li>• Create Subsites</li> <li>• Manage Alerts</li> <li>• Enumerate Permissions</li> <li>• Manage Web Site</li> </ul>

Reference:<https://technet.microsoft.com/en-us/library/cc721640.aspx>

### QUESTION 33

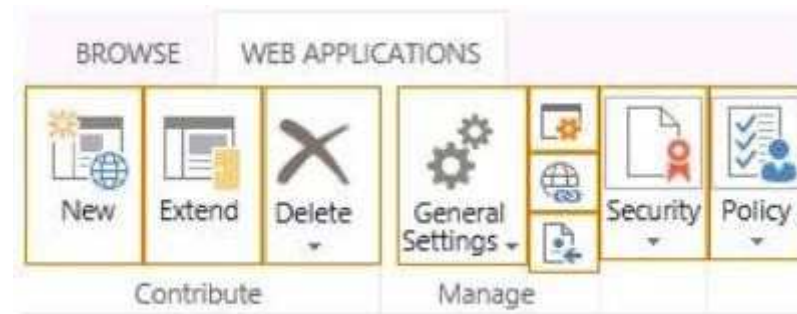
#### HOTSPOT

You are managing a web application named App1.

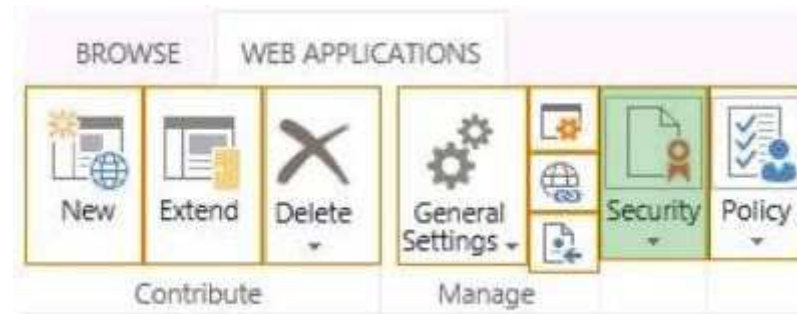
You need to configure App1 to allow anonymous access.

Which web application settings should you configure? (To answer, select the appropriate element in the answer area.)

**Hot Area:**



**Correct Answer:**



**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### QUESTION 34

A SharePoint farm includes two front-end web servers, one application server, and two clustered servers that run Microsoft SQL Server. The SharePoint Foundation Web Application service is not running on the application server.

You plan to configure the SharePoint farm to receive and store email messages and email message attachments in libraries.



You need to ensure that users can send email messages and attachments directly to libraries across the entire farm. You must accomplish this goal by using the least amount of effort.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Install and configure the Simple Mail Transfer Protocol (SMTP) service on each application server.
- B. Install and configure the Simple Mail Transfer Protocol (SMTP) service on each front-end web server.
- C. Enable and start the SharePoint Foundation Web Application service on each application server.
- D. Enable incoming email by using the Automatic settings mode.
- E. Enable and start the SharePoint Foundation Web Application service on each front-end web server.
- F. Enable incoming email by using the Advanced settings mode.

**Correct Answer:** BF

**Section:** [none]

**Explanation**

**Explanation/Reference:**

B (not A):

\* Incoming email for SharePoint 2013 uses the SMTP service. You can use the SMTP service in one of two ways. You can install the SMTP service on one or more servers in the farm, or administrators can provide an email drop folder for email that is forwarded from the service on another server.

\* If you are not using a drop folder for email, the SMTP service must be installed on every front-end web server in the farm that you want to configure for incoming email.

F (not D):

\* The basic scenario applies to a single-server farm environment and is recommended if you want to use default settings. The advanced scenario applies to a single-server farm or a multiple-server farm and contains several advanced options from which to choose

\* To configure incoming email in an advanced scenario

- Verify that the user account that is performing this procedure is a member of the Administrators group on the server that is running the SharePoint Central Administration website.
- In Central Administration, click **System Settings**.
- On the System Settings page, in the **E-Mail and Text Messages (SMS)** section, click **Configure incoming e-mail settings**.
- If you want to enable sites on this server to receive email, on the Configure Incoming E-mail Settings page, in the **Enable Incoming E-Mail** section, click **Yes**.
- Select the **Advanced** settings mode.

etc.

Not C, not E: The SharePoint Foundation Web Application service is not running on the application server.

Reference:<https://technet.microsoft.com/en-us/library/cc262947.aspx>

**QUESTION 35****HOTSPOT**

You provision a Search service application and a User Profile service application for a SharePoint farm.

A company policy requires that an account other than the default content access account must be used for crawling content.

You need to configure permissions to crawl the profile store.

Which User Profile service application object should you configure? (To answer, select the appropriate object in the answer area.)

**Hot Area:**



**Correct Answer:**



**Section: [none]**

**Explanation**

**Explanation/Reference:**

**QUESTION 36**

You are managing a site collection in a SharePoint farm.

You need to configure the minimum level of permissions necessary for users to manage lists in the site collection.

What permission level should you configure?

- A. Contribute
- B. Read

- C. Full Control
- D. Design

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

To manage lists, you need the Manage Lists permission. The Managed Lists permission is included in the following permission levels:

- Edit
- Design
- Full Control
- Manage Hierarchy

In this question, the minimum permission level that includes the Manage Lists permission is Edit.

### **QUESTION 37**

**HOTSPOT**

You are troubleshooting a SharePoint app by using the Developer Dashboard.

You need to view the events that have been logged for the selected request.

Which tab should you select? (To answer, select the appropriate tab in the answer area.)

**Hot Area:**

Requests	Scenarios	Animation	MDS	
Request (GET:http://srv2013:80/Pages/default.aspx)				
Request (GET:http://srv2013:80/Style%20Library/en-US/Themable/Core%20Styles/pagelayouts)				
Request (GET:http://srv2013:80/Style%20Library/en-US/Themable/Core%20Styles/controls15.)				
Request (GET:http://srv2013:80/_layouts/15/devdash.aspx)				

Server Info	Scopes	SQL	SPRequests	Asserts	Service Calls	ULS	Cache Calls
-------------	--------	-----	------------	---------	---------------	-----	-------------

Correct Answer:

Requests	Scenarios	Animation	MDS	
Request (GET:http://srv2013:80/Pages/default.aspx)				
Request (GET:http://srv2013:80/Style%20Library/en-US/Themable/Core%20Styles/pagelayouts)				
Request (GET:http://srv2013:80/Style%20Library/en-US/Themable/Core%20Styles/controls15.)				
Request (GET:http://srv2013:80/_layouts/15/devdash.aspx)				

Server Info	Scopes	SQL	SPRequests	Asserts	Service Calls	ULS	Cache Calls
-------------	--------	-----	------------	---------	---------------	-----	-------------

Section: [none]

Explanation

Explanation/Reference:

#### QUESTION 38

You are managing a SharePoint farm.

You need to enable friendly URLs for a term set.

What should you configure?

- A. Term set tagging
- B. Managed navigation
- C. Custom properties
- D. Search refinement

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

**QUESTION 39**

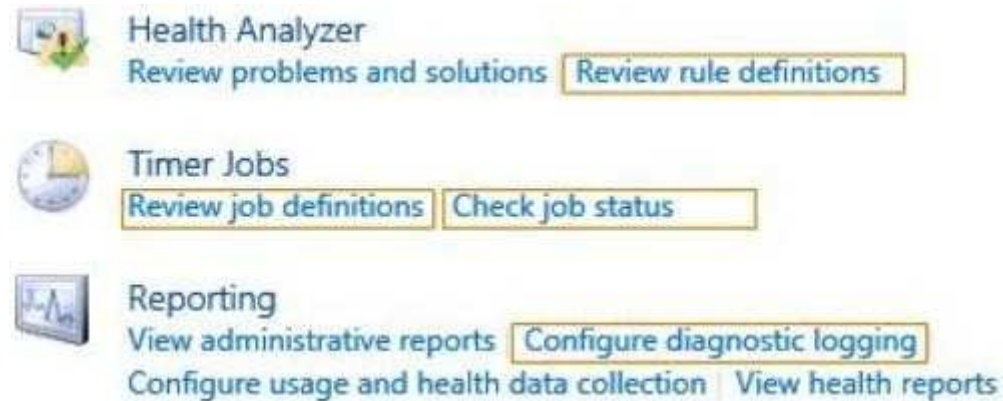
**HOTSPOT**

A SharePoint environment contains a Microsoft SQL Server Reporting Services (SSRS) server.

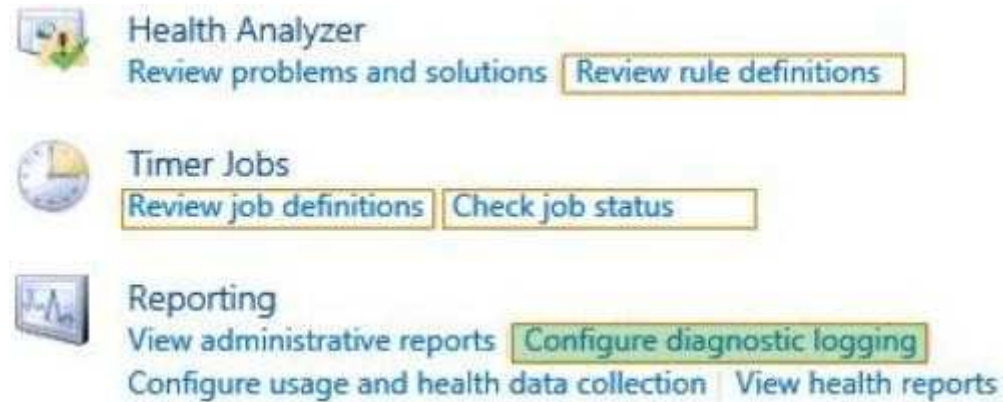
You need to begin configuring SharePoint to write SSRS events to the Unified Logging Service (ULS) trace log.

On the Monitoring page of Central Administration, which link should you select? (To answer, select the appropriate category in the answer area.)

**Hot Area:**



**Correct Answer:**



**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### **QUESTION 40**

You are managing a SharePoint farm. The SharePoint databases are configured to run on a dedicated instance of Microsoft SQL Server 2008 R2 Service Pack 1.

You need to optimize query executions.

What should you do?

- A. Move the master database to a RAID 10 volume.
- B. Move the SharePoint databases to a RAID 10 volume.
- C. Set the maximum degree of parallelism for SQL Server instances to 0.
- D. Move the master database to a RAID 5 volume.

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Setting the maximum degree of parallelism for SQL Server instances to 1 is recommended to optimize query executions. However, that is not an option in this

question. Therefore, the only other way to optimize query executions is to put the SharePoint databases on the fastest storage possible, in this case RAID 10.

#### **QUESTION 41**

You are managing a site collection in a SharePoint farm.

You need to configure the minimum level of permissions necessary for users to manage lists in the site collection.

What permission level should you configure?

- A. Limited Access
- B. View Only
- C. Edit
- D. Create

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

To manage lists, you need the Manage Lists permission. The Managed Lists permission is included in the following permission levels:

- Edit
- Design
- Full Control
- Manage Hierarchy

In this question, the minimum permission level that includes the Manage Lists permission is Edit.

#### **QUESTION 42**

**HOTSPOT**

A SharePoint environment was set up by using an automated installation script. Corporate policies prevent the use of wizards for installing and configuring server environments.

You plan to provide information from an external business system as metadata values within the environment. Users are not permitted to access this business system directly and the data cannot be exported from the external business system into SharePoint.

You need to ensure that users can access the metadata provided by the external system.

Which service should you configure? (To answer, select the appropriate service in the answer area.)

**Hot Area:**



Machine Translation Service Application

Machine Translation Service Application

Managed Metadata Service Application

Managed Metadata Service Application

Search Administration Web Service for Search Service Application

Search Service Application

Search Service Application

Secure Store Service Application

Secure Store Service Application

Security Token Service Application

State Service

State Service

**Correct Answer:**

Machine Translation Service Application

Machine Translation Service Application

Managed Metadata Service Application

Managed Metadata Service Application

Search Administration Web Service for Search Service Application

Search Service Application

Search Service Application

Secure Store Service Application

Secure Store Service Application

Security Token Service Application

State Service

State Service

**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### **QUESTION 43**

You are the farm administrator for a single-server SharePoint 2010 Foundation environment.

The company plans to upgrade to SharePoint 2013 Foundation.

You need to ensure that the existing server meets the minimum requirements.

Which three requirements must you meet? (Each correct answer presents part of the solution. Choose three.)

- A. 64-bit edition of Windows Server 2008 SP2
- B. 64-bit processor
- C. 8 GB of RAM
- D. 80 GB of free disk space for the system drive
- E. 64-bit edition of SQL Server 2008

**Correct Answer:** BCD

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Installation Scenario

Single server with a built-in database or single server that uses SQL Server

Development or evaluation installation of SharePoint Server 2013 or SharePoint Foundation 2013 with the minimum recommended services for development environments.

Requirement:

B: 64-bit, 4 cores Processor

C: 8 GB RAM

D: 80 GB for system drive

Reference: <https://technet.microsoft.com/en-us/library/cc262485.aspx>

#### **QUESTION 44**

You are managing a site collection in a SharePoint farm.

You need to configure the minimum level of permissions necessary for users to manage lists in the site collection.

What permission level should you configure?

- A. Edit
- B. Contribute
- C. Read
- D. Limited Access

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

To manage lists, you need the Manage Lists permission. The Managed Lists permission is included in the following permission levels:

- Edit
- Design
- Full Control
- Manage Hierarchy

In this question, the minimum permission level that includes the Manage Lists permission is Edit.

#### QUESTION 45

##### HOTSPOT

You are managing a SharePoint web application. The environment includes an Active Directory Domain Services (AD DS) domain.

SharePoint site users authenticate by using their domain credentials.

Members of an AD security group named Auditors require only the following permissions on the web application:

- Open Pages
- View Pages
- Manage Lists
- View List Items

You need to begin defining and assigning the permissions to the security group. In Central Administration, you select the web application. Which command should you choose? (To answer, select the appropriate command in the answer area.)

##### Hot Area:



##### Correct Answer:



**Section: [none]**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 46**

Your company has a SharePoint Server 2013 server farm that is integrated with Microsoft SharePoint Online.

Users report that when they connect to SharePoint Online and perform a search, they only see search results from SharePoint Online.

You need to ensure that when the users search from SharePoint Online, the results are displayed from the SharePoint Server 2013 farm and from SharePoint Online.

What should you do?

- A. From SharePoint Online, create a content source and a search scope.
- B. From SharePoint Online, create a result source and a query rule.
- C. From the SharePoint Server 2013 farm, create a result source and a query rule.
- D. From the SharePoint Server 2013 farm, create a content source and a search scope.

**Correct Answer: B**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

Step 1: Create a result source that defines how to get search results from the SharePoint Server 2013 deployment. In this procedure, you create a result source in SharePoint Online. This result source is a definition that specifies SharePoint Server 2013 as a provider to get search results from.

Step 2: Create a query rule to turn on hybrid search results in SharePoint Online

Reference:<https://technet.microsoft.com/en-us/library/dn197174.aspx>

#### QUESTION 47

##### HOTSPOT

You deploy a SharePoint Server 2013 server farm and you create a team site.

You perform the following tasks in the team site:

- Create a content type named Financial.
- Create a content type named Informational.
- Enable all auditing policies for both of the content types.
- Create a document library named Data and add the new content types to the library.
- Enable the bar code policy feature on the Financial content type in the new library only.

For each of the following statements, select Yes if the statement is true. Otherwise select No.

##### Hot Area:

	Yes	No
When users upload documents to the Data document library, they can specify a content type of Financial or Informational.	<input type="radio"/>	<input type="radio"/>
When users upload documents to the Data document library, they can specify a content type of Financial or Informational.	<input type="radio"/>	<input type="radio"/>
A log will be kept of all the users who attempt to access documents that use the Financial content type in the Data document library.	<input type="radio"/>	<input type="radio"/>

##### Correct Answer:

	Yes	No
When users upload documents to the Data document library, they can specify a content type of Financial or Informational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
When users upload documents to the Data document library, they can specify a content type of Financial or Informational.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A log will be kept of all the users who attempt to access documents that use the Financial content type in the Data document library.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Section:** [none]

**Explanation**

**Explanation/Reference:**

The two content types will be available in the Data document library.

The log is defined on the content type, not on the Data document library. There would not be a specific log for the Data document library.

Reference:<https://technet.microsoft.com/en-us/library/cc262490.aspx>

#### QUESTION 48

You plan to deploy a SharePoint Server 2013 server farm.

The farm will have two front-end Web servers that are configured as shown in the following table.

Server name	Memory	Processor
WFE1	12 GB	Four physical cores
WFE2	8 GB	One physical core

You need to ensure that pages are rendered by using the front-end Web server that has the smallest health threshold value.

Which service should you use?

- A. Request Management
- B. Distributed Cache
- C. Microsoft SharePoint Foundation Subscription Settings Service
- D. Work Management Service

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Request Manager is functionality in SharePoint Server 2013 that enables administrators to manage incoming requests and determine how SharePoint Server 2013 routes these requests.

Note: Request routing and prioritizing can be divided into two parts: request-rule matching and front-end web server filtering. Request-rule matching happens exactly like in request routing. Front-end web server filtering uses the health threshold parameter from the throttling rules in combination with front-end web server health data to determine whether the front-end web servers in the selected routing pool can process the given request.

#### **QUESTION 49**

You plan to deploy a SharePoint Server 2013 server farm to a test environment on a single server. The server has the following configurations:

- A 64-bit processor that has four cores
- Windows Server 2008 Enterprise
- 8 GB of physical memory
- A 2-TB hard disk

You need to ensure that you can deploy the SharePoint Server 2013 farm to the server.

What should you do?

- A. Upgrade the operating system.
- B. Replace the processor.
- C. Add more physical memory.
- D. Add another hard disk drive.

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**



Need The 64-bit edition of Windows Server 2008 R2 Service Pack 1 (SP1) Standard, Enterprise, or Datacenter or the 64-bit edition of Windows Server 2012 Standard or Datacenter

#### QUESTION 50

You plan to deploy a SharePoint Server 2013 server farm.

You need to create four site collections. The site collections must meet the requirements described in the following table.

Site collection name	User must be able to create their own workflows by using Microsoft SharePoint Designer	The site collection administrator must be able to customize master pages by using Microsoft SharePoint Designer
SiteCol1	Yes	No
SiteCol2	Yes	Yes
SiteCol3	No	Yes
SiteCol4	Yes	Yes

What is the minimum number of web applications required to host the site collection?



- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer:** C

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

\* You can manage how Microsoft SharePoint Designer is used at two levels:

/ Web application level which is applicable to all site collections in the web application and to the site collection administrators.

/ Site collection level (managed by site collection administrators) which is applicable to all sites in the collection along with the Designers and Owners group.

\*Enable SharePoint Designer

Enable or disable SharePoint Designer 2010 use for an entire application or site collection. If you want to ensure that all designers and owners within a specific site collection can use SharePoint Designer 2010, enable this setting at the site collection level.

Here are the options for managing SharePoint Designer at the Web Application Level:

## SharePoint Designer Settings

Allow SharePoint Designer to be used in this Web Application

Specify whether to allow users to edit sites in this Web Application using SharePoint Designer.

☒ Enable SharePoint Designer




Allow Site Collection

Administrators to Detach Pages from the Site Template

Specify whether to allow site administrators to detach pages from the original site definition using SharePoint Designer.

☒ Enable Detaching Pages from the Site Definition



Allow Site Collection

Administrators to Customize Master Pages and Layout Pages

Specify whether to allow site administrators to customize Master Pages and Layout Pages using SharePoint Designer.

☒ Enable Customizing Master Pages and Layout Pages




Allow Site Collection

Administrators to see the URL Structure of their Web Site

Specify whether to allow site administrators to manage the URL structure of their Web site using SharePoint Designer.

☒ Enable Managing of the Web Site URL Structure



Reference:<https://redmondmag.com/articles/2015/03/19/sharepoint-designer-tool.aspx>

#### **QUESTION 51**

You have a SharePoint Server 2013 server farm that contains a web application.

A user receives an application error message that includes a Correlation ID.

You need to identify the cause of the error.

What should you do?

- A. Run the Get-SPDiagnosticConfig cmdlet.
- B. Review the Internet Information Services (IIS) logs.
- C. Run the Get-SPLogEvent cmdlet.
- D. Review problems and solutions in the SharePoint Health Analyzer.

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

The Get-SPDiagnosticConfig cmdlet retrieves ULS diagnostic configuration values of the farm.

#### **QUESTION 52**

You have a SharePoint Server 2013 server farm.

You need to ensure that users can use the Newsfeed app on their My Site to aggregate user actions and system activities.

Which type of cache should you configure?

- A. An output cache
- B. An object cache
- C. A BLOB cache
- D. A distributed cache

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

SharePoint 2013, makes use of distributed cache to cache newsfeeds, microblogging, conversations, security trimming, OneNote client access, and even keeps the FedAuth cookie for claims based authentication on the server side, so it's more secure, load balancer friendly, and works with webkit-based browsers that like to chop off your cookies at 64kb.

**QUESTION 53**

You have a SharePoint Server 2013 server farm.

You need to configure the People Picker control to display only users who are members of the current site collection.

Which tool should you use?

- A. Central Administration
- B. Psconfig
- C. Internet Information Services (IIS) Manager
- D. Stsadm

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

You configure the People Picker web control at the zone level for a farm by using the Stsadmsetproperty operation. By configuring the settings for the control, you can filter and restrict the results that are displayed when a user searches for a user, group, or claim. Those settings will apply to every site within the site collection.

**QUESTION 54**

A SharePoint environment contains a single web application at http://app1. Users access a site collection under the web application by using the URL http://portal.contoso.com.

You need to ensure that the site collection is also accessible at http://collaboration.contoso.com.

What should you do?

- A. Run the New-SPSite Windows PowerShell cmdlet.
- B. Run the Set-SPSiteUrl Windows PowerShell cmdlet.
- C. Add collaboration.contoso.com as an alternate access mapping for the web application.
- D. Extend the web application and add collaboration.contoso.com to the Intranet Zone.

**Correct Answer:** B

**Section: [none]**

**Explanation**

**Explanation/Reference:**

The Set-SPSiteUrl cmdlet adds or changes an URL mapping for the site. The Set-SPSiteUrl cmdlet only applies to the root site collection for a host name that is, http://www.contoso.com. This cmdlet cannot be directly run against a managed path site collection underneath the root that is, http://www.contoso.com/sites/test. When you create a new hostname site collection, the default alternate access mappings will still exist but cannot be used. Use Windows PowerShell commands to manage URL mappings for host-named site collections.

Add a mapping to an existing site:

Set-SPSiteUrl (Get-SPSite 'http://teams.contoso.com') -Url 'http://teamsites.contoso.com' -Zone Intranet  
Reference: Host-named site collections versus path-based site collections

**QUESTION 55**

Your network contains an Active Directory forest. The forest contains a single domain named adatum.com.

The network contains a SharePoint Server 2013 server farm. The farm contains a single web application named Web1. Users connect to Web1 by using the URL http://web1.adatum.com.

You need to configure the People Picker control to display only users who are members of organizational units (OUs) named Managers and Contractors.

What should you do?

- A. Modify the User Information List of the site collection.
- B. Set the Peoplepicker-setsiteuseraccountdirectorypath property of the site collection.
- C. Set the Peoplepicker-searchadforests property of the site collection.
- D. Modify the User Policy of Web1.

**Correct Answer: B**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

\* Operation name: Setsiteuseraccountdirectorypath

Sets the site user account directory path to a specific organizational unit (OU) in the same domain when the **url** and **path** parameters are specified.

\* Example

To set a list of users to a specific OU (for example, Sales) in the Contoso Corp domain, use the following syntax:  
stsadm -o setsiteuseraccountdirectorypath -path "CN=Sales,DC=ContosoCorp,DC=local" -url http://server\_name

**QUESTION 56****DRAG DROP**

Your company has an internal network and a perimeter network. The internal network contains an Active Directory domain.

You plan to deploy a SharePoint Server 2013 server farm. The farm will contain a single web application that uses NTLM authentication by using the domain controller on the internal network.

The relevant components on the network are listed in the following table.

Component name	Role	Location
Server1	Front-end Web server	Perimeter network
Server2	Database server	Internal network
Firewall1	Firewall	Between the Internet and the perimeter network
Firewall2	Firewall	Between the perimeter network and the internal network

All services use default TCP ports.

You need to configure the inbound rules for Firewall1 and Firewall2 to ensure that users from the Internet can access content in the farm by using either HTTP or HTTPS.

What should you configure? To answer, drag the appropriate TCP ports to the correct firewalls.

Each port may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)

**Select and Place:**

TCP Ports	Answer Area	
80	Firewall1: Port	Port
389	Firewall2: Port	Port
443		
1433		
32843		

**Correct Answer:**

TCP Ports		Answer Area	
Firewall1:	80	443	
Firewall2:	1433	389	
<input type="text" value="32843"/>			

Section: [none]

### Explanation

**Explanation/Reference:**

80: HTTP

443: HTTPS

The default SQL Server port is 1433

389: [Lightweight Directory Access Protocol](#) (LDAP)

### QUESTION 57

You have a SharePoint Server 2013 server farm. The farm has the following service applications:

- Secure Store Service
- Search Service Application
- Word Automation Services
- Managed Metadata Service
- User Profile Service Application

You need to be able to send and receive email from a SharePoint site.

What should you do first?

- Create a Work Management Service application.
- Configure self-service site creation.
- Create an App Management Service application.
- Configure alternate access mappings.



**Correct Answer: A**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

The Work Management Service Application provides functionality to aggregate tasks to a central location on SharePoint Server:

Users get the possibility to view and track their to-dos and tasks.

Tasks can be cached to a users personal site.

Tasks can sync to Outlook where users can edit them wherever they have access to Outlook.

Tasks can be aggregated from Exchange, Project Server and SharePoint.

Based on 'Provider model' so that other systems can be integrated in the future.

Reference:<https://social.technet.microsoft.com/wiki/contents/articles/12525.sharepoint-2013-work-management-service-application.aspx>

**QUESTION 58**

You have a SharePoint Server 2013 server farm.

Active Directory attributes are imported to user profiles.

You need to ensure that if users change the mobile phone number in their SharePoint user profile, the new information will be copied to their Active Directory user account.

Which Active Directory permission should you assign to the synchronization account?

- A. Read All Properties
- B. Manage Replication Topology
- C. Write All Properties
- D. Replicate Directory Changes

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

If you'll export property values from SharePoint Server to AD DS, the synchronization account must have CreateChild Objects (this object and all descendants) and Write All Properties (this object and all descendants) permissions on the organizational unit (OU) with which you are synchronizing. For more information, see the "Grant Create Child Objects and Write permission" section of Grant Active Directory Domain Services permissions for profile synchronization in SharePoint Server 2013.

Reference:<https://technet.microsoft.com/en-us/library/ff182925.aspx>

**QUESTION 59**

You plan to deploy a SharePoint Server 2013 server farm. The farm will contain the site collections configured as shown in the following table.

Site collection name	Allow the pages in _layouts to use the site master page	Authentication mode
SiteCol1	Yes	NTLM and forms-based authentication
SiteCol2	No	NTLM authentication only
SiteCol3	Yes	Forms-based authentication only
SiteCol4	Yes	NTLM authentication only

You need to identify the minimum number of web applications required to host the planned site collections.

How many web applications should you identify?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Note: Web applications are what Windows SharePoint Services uses to hold site collections. Every site collection has to reside in a web application, although a web application can contain many site collections. When Windows SharePoint Services was installed, two web applications were created.

Reference:[https://blogs.technet.microsoft.com/stefan\\_gossner/2011/04/13/site-master-page-vs-system-master-page/](https://blogs.technet.microsoft.com/stefan_gossner/2011/04/13/site-master-page-vs-system-master-page/)

**QUESTION 60**

You deploy a SharePoint Server 2013 server farm.

You receive a custom display template.

You need to ensure that the custom display template is available in a site collection.

What should you use to upload the template?

- A. The Master Page Gallery
- B. Composed looks
- C. Result types
- D. Variations

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

The template needs to be uploaded to the Master Page Gallery. This can be done by using Design Manager. Go to SiteSettings -> Design Manager -> Upload Design Files.

This can also be done directly from the Master Page Gallery.

1. Navigate to the Master Page Gallery (Site Settings -> under Web Designer Galleries -> Master Pages).
2. Select Files tab and then Upload Document.

#### QUESTION 61

You have a SharePoint Server 2013 server farm.

You have a custom Microsoft SQL Server database named SQL1. SQL1 has a table that contains expertise information about users. The following is an extract of the table.

Login	Expertise
Domain\user1	SharePoint
Domain\user2	Microsoft .NET Framework
Domain\user3	SQL Server

You need to import user profile information from Active Directory and from SQL1. What should you use?

- A. Profile synchronization and Business Connectivity Services (BCS)
- B. SharePoint Active Directory Import and External Identify Manager

- C. External Identity Manager and the Secure Store Service
- D. SharePoint Active Directory Import and Business Connectivity Services (BCS)

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

You can import profile data from business systems by using the Business Connectivity Service.

Reference: <https://technet.microsoft.com/en-us/library/ee661740.aspx>

### **QUESTION 62**

You plan to deploy a SharePoint Server 2013 server farm.

You have a network share named Share1 that contains the extracted installation files for SharePoint Server 2013.

You download a cumulative update for SharePoint Server 2013 named Cu1.exe.

You need to create a slipstreamed installation source that contains the cumulative update.

What should you do?

- A. Run cul.exe and specify the /extract parameter.
- B. Copy Cul.exe to the Updates folder in Share1.
- C. Run setup.exe and specify the /extract parameter.
- D. Create a folder named 15\Resources in Share1, and then copy Cul.exe to the 15\Resources folder.

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Extract the contents of the downloaded update file to the Updates folder in the SharePoint installation source with the following command:

{FileName}.exe /extract:C:\SPInstall\Updates

Note: SharePoint updates that have been released since the product launch provide fixes and enhancements to the product, and including these updates in a new installation is recommended. Rather than manually applying the updates after installing SharePoint, you can include them in a 'slipstream' mode so that they are automatically installed with SharePoint.

**QUESTION 63**

You plan to deploy a SharePoint Server 2013 server farm.

The farm will contain several site collections that use the Team Site template. The site collections will use navigation that is defined in a TermSet.

You need to identify which features must be activated to ensure that the site collections can use the planned navigation.

Which features should you identify?

- A. Metadata and Navigation Filtering and SharePoint Server Enterprise Site
- B. SharePoint Server Publishing and Content Organizer
- C. Metadata and Navigation Filtering and SharePoint Server Publishing Infrastructure
- D. SharePoint Server Publishing Infrastructure and SharePoint Server Publishing

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

Before you enable managed navigation, make sure that:

You enable the SharePoint Server Publishing Infrastructure feature on the site collection level.

You create a term set to specify your site navigation.

You're a member of the Owners SharePoint group.

Reference: <https://support.office.com/en-us/article/Enable-managed-navigation-for-a-site-in-SharePoint-49a067dc-77d2-455d-9e77-250ec7cc0a6d>

I have found that SharePoint Server Publishing Infrastructure controls this feature and that the other features mentioned do not control much. Jenny (13.06.2013): of the functionality regarding the question as this feature does. I will say D is the correct I suppose although you do not need Publishing on at the site level for a team site nor for termsets to be active.

**QUESTION 64**

You have a SharePoint Server 2013 server farm.

You have a web application named WebApp1.

You have a SharePoint hosted app named App1. App1 contains a client Web Part named WP1.

You add App1 to a site named Site1 in WebApp1.

You need to prevent App1 from reading information in Site1.

What should you do?

- A. From Central Administration, modify the permission policy of WebApp1.
- B. From Site Settings of the Central Administration site, delete App1 from the Site App Permissions list.
- C. From Central Administration, modify the users permissions of WebApp1.
- D. From Site Settings of Site1, delete App1 from the Site App Permissions list.

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### **QUESTION 65**

Your company has a SharePoint Server 2013 server farm.

You create a Business Connectivity Services (BCS) application.

You deploy the application to the farm,

Users create lists and add items to the lists based on the BCS application.

The users report that when they search for data, BCS items are not displayed in the search results. Other items in the farm are displayed in the search results.

You need to ensure that BCS data is displayed in the search results. The solution must minimize administrative effort.

What should you create?

- A. a Local SharePoint Results result source
- B. an OpenSearch 1.0/1.1 result source
- C. a Line of Business Data content source
- D. a Custom Repository content source

**Correct Answer:** C

**Section:** [none]

**Explanation**

**Explanation/Reference:**

If your company has an on-premises SharePoint 2013 farm and a SharePoint Online 2013 tenancy, you can use BCS to create a secure connection between the two to make line-of-business (LOB) data available to applications for SharePoint and external lists in SharePoint Online. This is called a SharePoint BCS Hybrid solution. SharePoint Online 2013 supports only one-way connections from online to on-premises and to only one on-premises farm. The LOB data must be published as an OData source

**QUESTION 66**

You have a SharePoint Server 2013 server farm.

The corporate taxonomy contains two term sets named Offices and Cities.

You need to ensure that the terms in the Cities term set can be used by the Offices term set,

What should you use?

- A. query refinement
- B. pinned terms
- C. managed navigation
- D. local properties

**Correct Answer: B**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

SharePoint 2013 adds the concept of Pinning to taxonomy and the term store management tool. You might first encounter the option to Pin instead of Reuse on the page to add a catalog connection from cross site publishing or as a new node in the menu for a term in the term store management tool titled "Pin Term With Children." While at least one reason for choosing Pinning is better understood in the context of search driven publishing the tangible difference between the two is actually concise.

The difference is that while Pinning maintains a certain relationship (shared properties) between source term and Reuse instance on a one on one basis as Reuse does, Pinning also updates the hierarchy regarding the removal and addition of terms anywhere within that hierarchy.

**QUESTION 67**

You have a SharePoint Server 2013 server farm.

You need to view the errors generated by a Web Part.

What should you use?



<https://www.gratisexam.com/>

- A. the Internet Information Services (IIS) logs
- B. the audit logs for the site collection
- C. the site collection health checks
- D. the SharePoint trace logs

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

#### **QUESTION 68**

You deploy a SharePoint Server 2013 server farm.

You receive a custom display template.

You need to ensure that the custom display template is available in a site collection.

What should you use to upload the template?

- A. Design Manager
- B. composed looks
- C. result types
- D. the Style Library

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

The template needs to be uploaded to the Master Page Gallery. This can be done by using Design Manager. Go to Site Settings -> Design Manager -> Upload



Design Files.

This can also be done from the Master Page Gallery.

1. Navigate to the Master Page Gallery (Site Settings -> under Web Designer Galleries-> Master Pages).
2. Select Files tab and then Upload Document.

#### **QUESTION 69**

HOTSPOT

Northwind Traders plans to implement SharePoint Server 2013.

You need to deploy SharePoint by using a streamlined topology.

Where should you deploy each service? To answer, select the appropriate product from each list in the answer area.

**Hot Area:**

Service	Deploy To
App Management	<div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div>
PerformancePoint	<div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div>
User Profile	<div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div>
User Profile Synchronization	<div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div>
Secure Store	<div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div>

**Correct Answer:**

Service	Deploy To
App Management	<div> <div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div> </div>
PerformancePoint	<div> <div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div> </div>
User Profile	<div> <div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div> </div>
User Profile Synchronization	<div> <div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div> </div>
Secure Store	<div> <div>▼</div> <div>Front-end server</div> <div>Batch-processing server</div> </div>

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Explanation:

In a streamline SharePoint 2013 topology put the low latency services, such as App Management, PerformancePoint, User Profile, and Secure Store, on the Front-end servers, while the more demanding processes with high latency, such as User Profile Synchronization, should be put on a Batch-Processing Server.

For Performance Point Microsoft recommends to use a Batch-processing server or specialized server.

Note:

Front-end servers — optimize for low latency

- \* Access Services
- \* Business Data Connectivity
- \* Managed Metadata
- \* User Profile
- \* Secure store

Batch-processing servers

- \* optimize for load
- \* User Profile Synchronization
- \* Workflow
- \* Machine Translation
- \* Work Management

Specialized workloads (if needed)

- \* optimize for medium throughput
- \* Search
- \* Excel Calculation
- \* PerformancePoint
- \* Project

Reference: Streamlined Topologies for SharePoint Server 2013, Topology design guidance for maximizing system resources

<https://technet.microsoft.com/en-us/library/jj219591.aspx>

#### **QUESTION 70**

A company has a SharePoint environment that contains two SharePoint servers and a server that runs Microsoft SQL Server. A web application stores content in a single content database. All three servers are configured to meet or exceed the minimum hardware and software requirements. The SharePoint environment is primarily used for team collaboration and document storage.

All of the SharePoint Servers must be able to respond to user requests. Web traffic must be assigned to the server with the lowest health threshold value.

You need to configure the SharePoint farm.

Which service should you use?

- A. Request Management
- B. Microsoft Network Load Balancer (NLB)
- C. Microsoft SharePoint Foundation Subscription Settings

- D. Document Conversions Load Balancer
- E. Work Management

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Configure Request Manager in SharePoint Server 2013

Request Manager is functionality in SharePoint Server 2013 that enables administrators to manage incoming requests and determine how SharePoint Server 2013 routes these requests.

The front-end web server filtering process follows these steps:

- The routing pool is either the current front-end web server or one or more front-end web servers that request routing selects.
- All matching rules are checked to find the smallest health threshold value.
- Remove front-end web servers in the routing pool that have health scores greater than or equal to the smallest health threshold value.

Reference: <https://technet.microsoft.com/en-us/library/jj712708.aspx>

**QUESTION 71**

A company has two SharePoint 2007 site collections that each store 200,000 unique documents. The average size of each document is 250 KB. There are two non-current versions for each document.

There are approximately 600,000 list items in addition to the documents.

The company plans to upgrade the farm to SharePoint 2013.

The new farm will use two SQL Server instances that are configured as an AlwaysOn availability group. You use the following formula to estimate the size of the content database:

Database Size = ((D x V) x S) + (10 KB x (L + (V x D)))

You need to configure the storage for the content databases.

What is the minimum amount of storage space that you must allocate?

- A. 101 GB
- B. 110 GB
- C. 220 GB

- D. 405 GB
- E. 440 GB

**Correct Answer:** B

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Using the formula we make the following calculation (see note below for details):

$((200000 \times 2) \times 250) + (10 \times 1024 \times (600000 + (2 \times 200000)))$  which calculates to 103400000000 bytes, which is 103.4 GB.

We would need 110 GB.

Note: Formula to estimate content database storage

- Use the following formula to estimate the size of your content databases:  
Database size =  $((D \times V) \times S) + (10 \text{ KB} \times (L + (V \times D)))$
- Calculate the expected number of documents. This value is known as D in the formula.
- Estimate the average size of the documents that you'll be storing. This value is known as S in the formula.
- Estimate the number of list items in the environment. This value is known as L in the formula.
- List items are more difficult to estimate than documents. We generally use an estimate of three times the number of documents (D), but this will vary based on how you expect to use your sites.
- Determine the approximate number of versions. Estimate the average number of versions any document in a library will have. This value will usually be much lower than the maximum allowed number of versions. This value is known as V in the formula.

Reference: Storage and SQL Server capacity planning and configuration (SharePoint Server 2013)

<https://technet.microsoft.com/en-us/library/cc298801.aspx>

**QUESTION 72**

You are managing a SharePoint farm in an Active Directory Domain Services (AD DS) forest and SharePoint Online.

You resolve an authentication issue with the on-premises SharePoint farm. Users now experience performance degradation.

You need to configure SharePoint 2013 Usage and Logging service to the default settings for user authentication logging.

From the Monitoring page in Central Administration, which two options will achieve the goal? Each correct answer presents a complete solution.

- A. Setting the value of the Least critical event to report to the event log setting to Monitorable
- B. Setting the value of the Least critical event to report to the trace log setting to Monitorable
- C. Setting the value of the Least critical event to report to the event log setting to Information
- D. Setting the value of the Least critical event to report to the event log setting to Verbose
- E. Setting the value of the Least critical event to report to the trace log setting to Verbose

F. Setting the value of the Least critical event to report to the trace log setting to Medium

**Correct Answer:** BC

**Section:** [none]

**Explanation**

**Explanation/Reference:**

B: Trace log, level Monitorable. This level records messages about all unrecoverable events that limit the functionality of the solution but do not stop the application. When set to this level, the log also includes events that the Unexpected setting records.

C: Event log, Information: Information messages do not require any action. However, they can provide valuable data for monitoring the state of your solution.

Reference: Configure diagnostic logging in SharePoint 2013

<https://technet.microsoft.com/en-us/library/ee748656.aspx>

### **QUESTION 73**

You are the administrator for a company's SharePoint Online environment. The environment hosts several site collections that are used to store and collaborate on (Documents that contain sensitive customer information).

A user in the customer relationship department must share a document that contains scheduling and project information with an external vendor. Only the external vendor and department user must access the document.

You need to ensure that the external vendor can access and collaborate on the document without exposing sensitive customer information.

Which two actions can you perform? Each correct answer presents a complete solution.

- A. Create a document library for the document and require sign-in.
- B. Share the site containing the collaboration document and require sign-in.
- C. Share the document and require sign-in.
- D. Share the document and do not require sign-in.

**Correct Answer:** AC

**Section:** [none]

**Explanation**

**Explanation/Reference:**

External users sign in to the service by using a Microsoft account or a work or school account.

We can share the document through a new document library or share the document directly.

Reference: <https://support.office.com/en-ca/article/Manage-sharing-with-external-users-in-Office-365-Small-Business-2951a85f-c970-4375-aa4f-6b0d7035fe35?ui=en-US&rs=en-CA&ad=CA>

**QUESTION 74**

You administer a SharePoint Online tenant that has a site that contains a document library. Users from the Human Resource (HR) department have Contributor permissions to the site.

You need to prevent users from the HR department from accessing documents in the library.

Which permission option should you select?

- A. Stop Inheriting Permissions
- B. Grant Permissions
- C. Manage Parent
- D. Check Permissions
- E. Delete Unique Permissions

**Correct Answer:** A

**Section:** [none]

**Explanation**

**Explanation/Reference:**

Select Stop Inheriting Permissions on the document library for the HR department users. This will prevent them for accessing documents in this document library.

Reference: Edit permissions for a list, library, or individual item

<https://support.office.com/en-us/article/Edit-permissions-for-a-list-library-or-individual-item-02d770f3-59eb-4910-a608-5f84cc297782>

**QUESTION 75**

Site collections must not use Alternate Access Mappings to manage URLs.

You need to build a web application that uses claims-based authentication.

What should you do first?



- ☐ A. In Central Administration, create a SharePoint Web Application by using the host header main.contoso.com on port 443.
- ☐ B. In Central Administration, create a SharePoint Web Application by using a blank host header on port 443.
- ☐ C. Run the following Windows PowerShell command:

**New-SPSite -Url 'https://main.contoso.com' -Name 'Portal' -OwnerAlias 'contoso\administrator' -language 1033 -Template 'STS#0'**

- ☐ D. Run the following Windows PowerShell command:

**New-SPSite -Url 'https://main.contoso.com' -Name 'Portal' -OwnerAlias 'contoso\administrator' -port 80 -language 1033 -Template 'STS#0' -HostHeaderWebApplication 'http://<servername>'**

- ☐ E. Run the following Windows PowerShell command:

**New-SPWebApplication -Url 'https://main.contoso.com' -Name 'Contoso' -port 443 -ApplicationPool SharePointPool -DatabaseName 'WebContentDatabase'**

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Correct Answer: D**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Path-based site collections use Alternate Access Mappings. We must use Host-named site collections.

For Host-named site collections we must use Windows PowerShell commands to manage URLs (Set-SPSiteURL, Remove-SPSiteURL, Get-SPSiteURL).

To create a host-named site collection we use the Windows PowerShell New-SPSite cmdlet with the -HostHeaderWebApplication parameter.

Example: New-SPSite 'http://portal.contoso.com' -HostHeaderWebApplication 'http://<servername>' -Name 'Portal' -Description 'Customer root' -OwnerAlias 'contoso\administrator' -language 1033 -Template 'STS#0'

Reference: Host-named site collection architecture and deployment (SharePoint 2013)  
<https://technet.microsoft.com/en-us/library/cc424952.aspx#section1b>

#### **QUESTION 76**

You manage a SharePoint farm in an Active Directory Domain Services (AD DS) forest. You implement SharePoint Online.

AD DS users must be able to access on-premises sites and SharePoint Online resources without having to authenticate each time that they access SharePoint Online. You replace the default certificate for validating incoming tokens in the SharePointfarm.

You need to ensure that SharePoint uses the new certificate.

Which service must you restart?

- A. Certificate Service
- B. Component Services
- C. Security Token Service
- D. SharePoint Timer Service

**Correct Answer:** D

**Section:** [none]

**Explanation**

**Explanation/Reference:**

When you replace the Security Token Service (STS) certificate for a SharePoint 2013 farm you need to restart IIS and the SharePoint timer service.

Reference: Replace the STS certificate for the on-premises environment  
<https://technet.microsoft.com/en-us/library/dn551378.aspx>

#### **QUESTION 77**

A company deploys Enterprise Search for SharePoint Server 2013.

Some crawls of result sources fail to complete.

You need to examine detailed information about crawl rate, crawl latency, crawl freshness, content processing, CPU and memory load, continuous crawls, and the crawl queue to determine how you should alter crawling.

What should you review?

- A. Microsoft Search Server performance counters
- B. The crawl log
- C. Crawl-health reports
- D. Unified Logging Service (ULS) logs

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Explanation:

Crawl-health reports provide detailed information about crawl rate, crawl latency, crawl freshness, content processing, CPU and memory load, continuous crawls, and the crawl queue.

Reference: <https://technet.microsoft.com/en-us/library/dn535606.aspx>

#### **QUESTION 78**

A company deploys Enterprise Search for SharePoint Server 2013. The company's Marketing department site is hosted on a local SharePoint farm. The Marketing department launches an anniversary promotional campaign.

After viewing search analytics reports for the campaign, you observe that search users are not being directed to the Marketing site.

You need to direct users to the anniversary promotional campaign pages by moving the result to the top of the search results.

What should you do?

- A. Configure properties of the Search Results Web Part NOT to search People, Conversations., or Video and default to Everything.
- B. Disable Query Rules that do not direct users to the site.
- C. Use a Query Rule to add a Promoted Result. Render the URL as a banner.
- D. Configure properties of the Search Result Web Part to use a Property filter to query content managed properties associated with Marketing.

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

To promote individual results so that they appear towards the top of search results with a Query Rule, click Add Promoted Result . In the Add Promoted Result dialog box, in the Title field, type the name that you want to give this promoted result. In the URL field, type the URL of the result that should be promoted. Render the URL as a banner instead of as a hyperlink. Click Save.

Reference: Manage query rules in SharePoint Server 2013  
<https://technet.microsoft.com/en-us/library/jj871676.aspx>

**QUESTION 79**

Contoso, Ltd., has an on-premises SharePoint 2013 implementation. It plans to migrate the sales department to SharePoint Online. Additional departments will be migrated in the future.

The sales department currently has a dedicated site collection for collaboration and document sharing.

The sales department site collection uses the managed path <https://sales.contoso.com>.  
Contoso's SharePoint Online environment is accessible by using the URL <https://contoso.sharepoint.com>.

Sales team employees must be able to connect to SharePoint Online by using a simple managed path.

You need to configure SharePoint Online.

Which managed path should you use?

- A. <https://sales.contoso.com>
- B. <https://contoso-my.sharepoint.com>
- C. <https://contoso.sharepoint.com/sites/sales/>
- D. <https://teams.contoso.com/sites/sales/>

**Correct Answer: C**

**Section: [none]**

**Explanation**

**Explanation/Reference:**

Define managed paths in SharePoint Server 2013

An explicitly named path (for example, <http://server/sites/team>) is used for a single site collection. In this case the managed path would be <https://contoso.sharepoint.com/sites/sales/> as SharePoint online uses <https://contoso.sharepoint.com> and we want to provide a managed path for the Sales department's site collection.

Reference:<https://technet.microsoft.com/en-us/library/cc261845.aspx>



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