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**Microsoft**

**70-383 PRACTICE EXAM**

**Recertification for MCSE: SharePoint**

# **Product Questions: 365/12CaseStudy**

## **Version: 7.0**

### **Case Study: 1**

#### **Large Company**

##### **Background**

You are the SharePoint administrator for a large company. You are responsible for installing and configuring a multi-server SharePoint environment that will be used for information management and collaboration.

The company has an Active Directory Domain Services (AD DS) domain. User-specific contact information, including employee photos, is stored and managed in Active Directory. All employees are located in the ActiveUsers organizational unit (OU).

The User Profile Synchronization service runs on a server named SERVER1.

##### **Business Requirements**

The SharePoint environment must meet the following business requirements:

- Ensure that users can connect to the portal by using the same URL from any location.
- Ensure that users can access corporate information from outside the network without using a VPN connection.
- Allow users to configure notifications for content changes.
- Allow users to follow content creators.
- Limit the number of sites and people each user can follow to 100.
- Allow content authors to upload documents, large image files, and large video files for consumption by internal and external users.
- Allow administrators to promote search query results across the entire company.
- Utilize My Sites to share content.
- Provide opportunities for social interaction.

##### **Technical Requirements**

You must meet the following technical requirements for the SharePoint environment:

- Do not exceed the minimum hardware specifications.
- Install the minimum supported versions of all software on the servers.
- Control the growth of storage utilization.
- Maximize existing content database usage before creating new content databases.
- Store large files on network attached storage (NAS).
- Ensure that all web applications, site collections, files, databases, and components stay within the supported limits.
- Configure the User Profile Synchronization service to import user profile data from Active Directory.
- Grant the User Profile service account the least permissions necessary to read data.
- Ensure that current and future SharePoint environments include the most recent software updates.
- Use predefined database naming conventions.
- Create individual user sites by using the <https://contoso.com/personal/path>.

### **Question: 1**

You create a User Profile Synchronization connection.

You need to grant the necessary permissions to the synchronization account.

What should you do?

- A. Grant the account Full Control on the ActiveUsers OU.
- B. Grant the account Full Control on the AuthenticatedUsers AD security group.
- C. Grant the account Read permission on the domain.
- D. Grant the account the Replicate Directory Changes permission on the domain.

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**Answer: D**

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**Question: 2**

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**HOTSPOT**

You need to ensure that user-selected subscription content automatically appear on users' My Sites.

Which configuration option should you choose? (To answer, select the appropriate option in the answer area.)



**People**

- |   |                                      |
|---|--------------------------------------|
| <a href="#">Manage User Properties</a>        | <a href="#">Manage User Profiles</a> |
| <a href="#">Manage User Sub-types</a>         | <a href="#">Manage Audiences</a>     |
| <a href="#">Schedule Audience Compilation</a> | <a href="#">Compile Audiences</a>    |
| <a href="#">Manage User Permissions</a>       | <a href="#">Manage Policies</a>      |



**Synchronization**

- |   |
|---|
| <a href="#">Configure Synchronization Connections</a> |
| <a href="#">Configure Synchronization Timer Job</a>   |
| <a href="#">Configure Synchronization Settings</a>    |
| <a href="#">Start Profile Synchronization</a>         |



**Organizations**

- |  |  |
|--|--|
| <a href="#">Manage Organization Properties</a> | <a href="#">Manage Organization Profiles</a> |
| <a href="#">Manage Organization Sub-types</a>  |  |



**My Site Settings**

- |  |   |
|--|---|
| <a href="#">Setup My Sites</a>               | <a href="#">Configure Trusted Host Locations</a>            |
| <a href="#">Manage Promoted Sites</a>        | <a href="#">Publish Links to Office Client Applications</a> |
| <a href="#">Manage Social Tags and Notes</a> | <a href="#">Manage Following</a>                            |

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**Answer:**

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### People

[Manage User Properties](#) [Manage User Profiles](#)

[Manage User Sub-types](#) [Manage Audiences](#)

[Schedule Audience Compilation](#) [Compile Audiences](#)

[Manage User Permissions](#) [Manage Policies](#)



### Synchronization

[Configure Synchronization Connections](#)

[Configure Synchronization Timer Job](#)

[Configure Synchronization Settings](#) [Start Profile Synchronization](#)



### Organizations

[Manage Organization Properties](#) [Manage Organization Profiles](#)

[Manage Organization Sub-types](#)



### My Site Settings

[Setup My Sites](#) [Configure Trusted Host Locations](#)

[Manage Promoted Sites](#) [Publish Links to Office Client Applications](#)

[Manage Social Tags and Notes](#) [Manage Following](#)

Explanation:

Note:

\* A user's individual site collection hosts the document library of the user's individual My Site. An individual site collection is created the first time that a user accesses the My Site.

### Question: 3

You need to ensure that content authors can publish the specified files.

What should you do?

- Create multiple authoring site collections. Create a site that contains lists, document libraries, and a Pages library. Create an asset library in a new site collection, and enable anonymous access to the library on the publishing web application.
- Create multiple authoring site collections. Create a site that contains lists, document libraries, and a Pages library. Create an asset library in the authoring site collection, and enable anonymous access to the library on the authoring web application.
- Create one authoring site collection. Create a site that contains multiple lists, document libraries, and Pages libraries. Create an asset library in a new site collection, and enable anonymous access to the library on the publishing web application.
- Create multiple authoring site collections. Create a site that contains multiple lists, document libraries, and Pages libraries. Create an asset library in a new site collection, and enable anonymous access to the library on the publishing web application.

**Answer: B**

### Question: 4

You need to import employee photos into SharePoint user profiles by using the least amount of administrative effort.

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

- A. Define a mapping for the thumbnailPhoto attribute of the Picture user profile property.
- B. Run the Update-SPUserSolution Windows PowerShell cmdlet.
- C. Run an incremental synchronization of the User Profile Synchronization service.
- D. Run a full synchronization of the User Profile Synchronization service.
- E. Run the Update-SPProfilePhotoStore Windows PowerShell cmdlet.
- F. Define a mapping for the photo attribute of the Picture user profile property.

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**Answer: A, D, E**

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Explanation:

- A: Step 3 below.
- D: Step 5 below.
- E: Step 6 below.

Note: Importing Images into SharePoint User Profiles My Sites

To make the user images that we have uploaded into the thumbnail Photo attribute in Active Directory available in SharePoint we will first need to map it to the Picture property in the User Profile Service Application.

Firstly you will need to go into the User Profile Service Application.

1. Central Admin > Application Management > Service Applications > Manage Service Applications > User Profile Service Application
2. Then you will need to go into the Manage User Properties section and edit the Picture property.
3. Next we will map the Active Directory property thumbnail Photo to the Picture property in SharePoint
4. Once the mapping has been applied the Manage User Properties page will look like this.
5. Now we will need to run a Full User Profile Synchronization job so that SharePoint can import the user images from Active Directory

Synchronization > Start Profile Synchronization > Start Full Synchronization

6. Lastly we will need to force SharePoint to update the User Profile Database – This will create the thumbnails that are used in My Sites and the User Profile Service.

This will need to be run in the SharePoint PowerShell Console with the appropriate My Site permissions.

```
1 # This will create thumbnails from the user profile images saved in the My Sites User
   Profile pictures library
2 Update-SPProfilePhotoStore -MySiteHostLocation http://mysites -
   CreatethumbnailsForImportedPhotos 1
```

Reference: IMPORTING USER PROFILE PICTURES INTO ACTIVE DIRECTORY, EXCHANGE 2010 & SHAREPOINT 2010 – COMPLETE GUIDE

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## Question: 5

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DRAG DROP

You need to install the appropriate versions of Windows Server, Microsoft SQL Server, and Microsoft .NET Framework in the server environment.

Which operating system and applications should you install? (To answer, drag the appropriate operating systems and applications to the correct server layers in the answer area. Each operating system or application 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.)

Answer Area		
Server layer	Operating system	Application
Web		
Application		
Database		

.NET Framework 4.0  
.NET Framework 4.5  
SQL Server 2008 SP2  
SQL Server 2008 R2 SP1  
SQL Server 2012

Operating system

Windows Server 2008 SP2  
Windows Server 2008 R2 SP1

**Answer:**

Server Layer, Web

Operation System: Windows Server 2008 R2 SP1

Application: .NET Framework 4.5

Server Layer, Application

Operation System: Windows Server 2008 R2 SP1

Application: .NET Framework 4.5

Server Layer, Database

Operation System: Windows Server 2008 R2 SP1

Application: SQL Server 2008 R2 SP1

Explanation:

Note:

\* From scenario: Install the minimum supported versions of all software on the servers.

\* Minimum requirements for a single server with built-in database: include:

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

Microsoft .NET Framework version 4.5

Microsoft SQL Server 2008 R2 SP1 -

**Question: 6**

You copy the content of the SharePoint installation media and software updates to your hard drive.

You need to meet the setup requirements for future SharePoint server installations.

What should you do?

- A. Extract the content of each file to the Updates folder by running the /extract:<path> command.
- B. Upgrade the installation media by running the /lang:<lcid> command.
- C. Extract the content of each file to the Setup folder by running the /extract:<path> command.

D. Extract the content of each file to the PrerequisiteInstallerFiles folder by running the /extract:<path> command.

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**Answer: A**

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**Question: 7**

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You need to implement corporate sizing and performance guidelines for general usage scenarios.

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

- A. For the Remote BLOB Storage (RBS) storage subsystem on network attached storage (NAS), limit the maximum time-to-first-byte (TTFB) of any response from the NAS to 100 milliseconds.
- B. Limit the maximum size of each content database to 4 TB.
- C. For the Remote BLOB Storage (RBS) storage subsystem on network attached storage (NAS), limit the maximum time-to-first-byte (TTFB) of any response from the NAS to 20 milliseconds.
- D. Limit the number of documents in each document library to 20 million.
- E. Limit the number of documents in each content database to 10 million.
- F. Limit the maximum size of each content database to 200 GB.

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**Answer: C, E, F**

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Explanation:

C: Network Attached Storage (NAS) is only supported by SharePoint 2013 with iSCSI and if TTFB is less than 20ms.

E: The largest number of items per content database that has been tested on SharePoint Server 2013 is 60 million items, including documents and list items. If you plan to store more than 60 million items in SharePoint Server 2013, you must deploy multiple content databases.

F: We strongly recommended limiting the size of content databases to 200 GB, except when the circumstances in the following rows in this table apply.

If you are using Remote BLOB Storage (RBS), the total volume of remote BLOB storage and metadata in the content database must not exceed this limit.

Note: The use of RBS-enabled content databases larger than 4TB with collaboration sites is not supported.

Reference: Plan for RBS in SharePoint 2013

Reference: Software boundaries and limits for SharePoint 2013

**Question: 8**

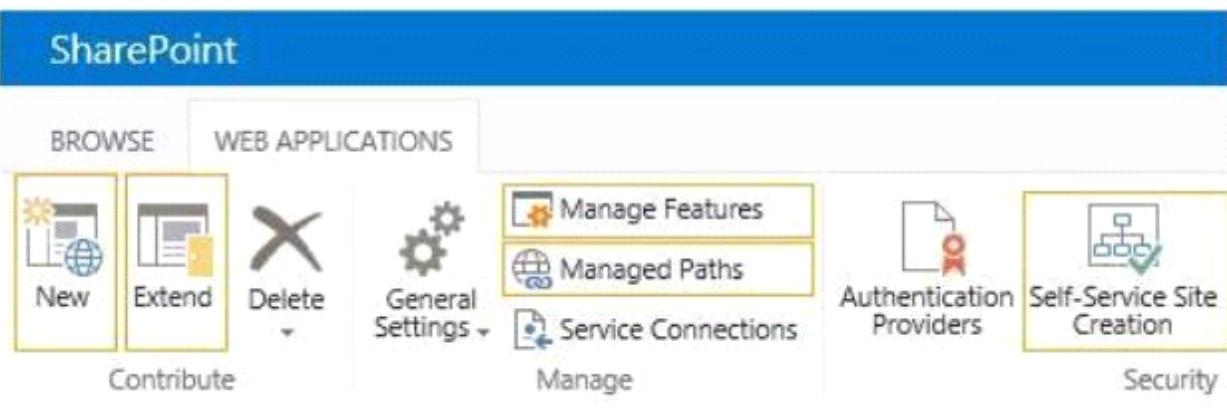
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HOTSPOT

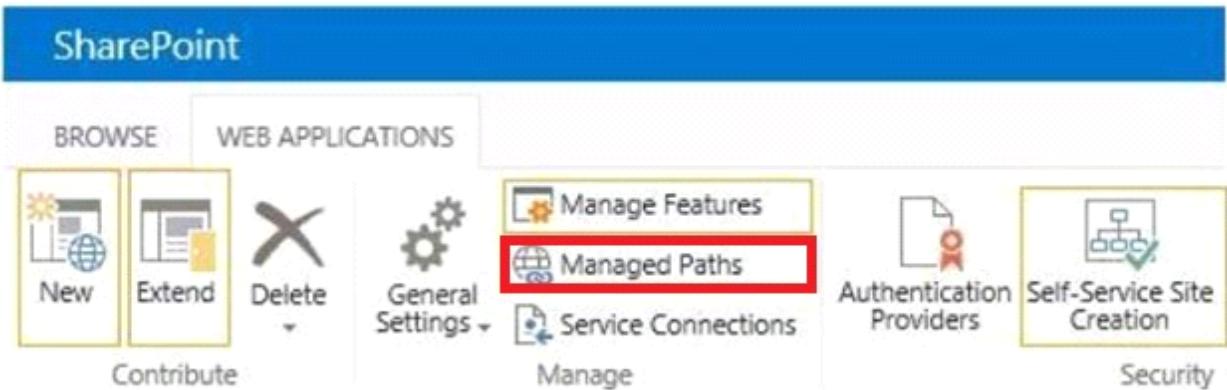
You are setting up individual user sites.

You need to ensure that site addresses follow corporate guidelines.

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



**Answer:**



Explanation:

Note:

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: Define managed paths in SharePoint Server 2013

### Question: 9

You need to ensure that service applications meet the technical requirements by using the least amount of administrative effort.

What should you do?

- A. Use the Farm Configuration Wizard to add service applications.
- B. Use Windows PowerShell to configure service applications.
- C. Use the SharePoint Products Configuration Wizard to complete the server configuration.
- D. In Central Administration, manually create each service application.

**Answer: B**

### Question: 10

#### HOTSPOT

You need to ensure that corporate search guidelines are followed.

What rule should you create? (To answer, select the appropriate option from each drop-down list in the answer area.)

Rule type	Action or condition
▼	▼
Rule type	Action or condition
▼	▼
crawler impact rule query rule	Add Promoted Results Add Result Blocks Advanced Query Text Match Query Commonly Used in Source Result Type Commonly Clicked

**Answer:**

Rule type	Action or condition
▼	▼
crawler impact rule query rule	Add Promoted Results Add Result Blocks Advanced Query Text Match Query Commonly Used in Source Result Type Commonly Clicked

**Explanation:****Note:**

- \* From scenario: Allow administrators to promote search query results across the entire company.

- \* Query rules are composed of three components:

Condition – When to apply the rule?

Action – What to do when the rule is matched?

Publishing – When should the rule be active?

- \* Actions

Once the condition has been configured the fun begins! The next step is to decide what to do when the query rule applies. Essentially there are three options here:

Add Promoted Result

Add Result Block

Change ranked results by changing the query

- \* Add Promoted Result – A promoted result is a result that appears at the top of the search results, this is particularly useful way to promote a particular search result. For example, you may want a query for “human resources info” to promote a link to the human resources SharePoint Site.

Reference: How To Customize SharePoint 2013 Search Results Using Query Rules and Result Sources

**Case****Photo Processing****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

**Study:**

2

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](mailto: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.

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### **Question: 1**

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#### **HOTSPOT**

You need to choose the Performance Monitor counter to use to meet the new monitoring requirements for the production environment.

Which performance counter should you use? (To answer, select the appropriate counter in the answer area.)

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### **SharePoint Publishing Cache**

- Publishing cache flushes / second
- Publishing cache hit count
- Publishing cache hit ratio
- Publishing cache hits / sec
- Publishing cache miss count
- Publishing cache misses / sec
- Total number of cache compactions

---

**Answer:**

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### **SharePoint Publishing Cache**

- Publishing cache flushes / second
- Publishing cache hit count
- Publishing cache hit ratio
- Publishing cache hits / sec
- Publishing cache miss count
- Publishing cache misses / sec
- Total number of cache compactions

Explanation:

Note:

\* From Scenario:

Monitor whether a large number of documents are checked out.

Monitor whether a large number of unpublished items are being requested.

Publishing cache hit ratio

A low ratio can indicate that unpublished items are being requested, and these cannot be cached. If this is a portal site, the site might be set to require check-out, or many users have items checked out.

Reference: Monitor cache performance in SharePoint 2013

## Question: 2

DRAG DROP

You need to design a SharePoint storage architecture to resolve the existing storage issues.

Which storage architecture should you use? (To answer, drag the appropriate storage types to the correct location or locations in the answer area. Each storage type 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.)

Answer Area	
Content	Storage type
SharePoint content database	
Photo files	

RAID 10 storage on Serial ATA (SATA) disk drives

RAID 10 storage on Fibre Channel (FC) disk drives

Remote BLOB Storage on Serial ATA (SATA) disk drives

Remote BLOB Storage on Fibre Channel (FC) disk drives

## Answer:

Content	Storage type
SharePoint content database	RAID 10 storage on Fibre Channel (FC) disk drives
Photo files	Remote BLOB Storage on Serial ATA (SATA) disk drives

Explanation:

\* Fastest possible disk required for content database.

\* From scenario: 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.

\* BLOB used for photo files.

\* Storage costs to house the photo files are too expensive.

Cheaper storage required for BLOB storage.

## Question: 3

You need to create a new site collection while maintaining the ability for users to create their own sites.

What should you do?

A. Use a path-based site collection and a single farm that contains all the web applications.

B. Create a host-named site collection and use a single farm that contains all the web applications.

- C. Use a path-based site collection and alternate access mappings.
- D. Create a host-named site collection and use a single farm that contains a single consolidated web application.

---

**Answer: B**

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#### **Question: 4**

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.

---

**Answer: A**

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#### **Question: 5**

##### **HOTSPOT**

You are configuring the IIS website settings for a SharePoint application in the Create New Web Application wizard. You need to ensure that the settings meet the technical requirements.

Which configuration option should you change? (To answer, select the appropriate option in the answer area.)

##### **IIS Web Site**

Choose between using an existing IIS web site or create a new one to serve the Microsoft SharePoint Foundation application.

If you select an existing IIS web site, that web site must exist on all servers in the farm and have the same name, or this action will not succeed.

If you opt to create a new IIS web site, it will be automatically created on all servers in the farm. If an IIS setting that you wish to change is not shown here, you can use this option to create the basic site, then update it using the standard IIS tools.

Use an existing IIS web site  
Default Web Site

Create a new IIS web site  
Name  
SharePoint - App1

Port  
9000

Host Header  
intranet.contoso.com

Path  
d:\data\app1

---

**Answer:**

## IIS Web Site

Choose between using an existing IIS web site or create a new one to serve the Microsoft SharePoint Foundation application.

If you select an existing IIS web site, that web site must exist on all servers in the farm and have the same name, or this action will not succeed.

If you opt to create a new IIS web site, it will be automatically created on all servers in the farm. If an IIS setting that you wish to change is not shown here, you can use this option to create the basic site, then update it using the standard IIS tools.

Explanation:

Note:

\* From scenario:

All SharePoint sites and apps must listen on port 9000.

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.

Use an existing IIS web site  
Default Web Site

Create a new IIS web site  
Name: SharePoint - App1

Port: 9000

Host Header: intranet.contoso.com

Path: d:\data\app1

## Question: 6

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.

**Answer: D**

## Question: 7

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.

---

**Answer: C**

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**Question: 8**

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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.

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**Answer: D**

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**Question: 9**

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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.

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**Answer: C**

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**Question: 10**

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DRAG DROP

You are troubleshooting the problems with viewing scanned contracts.

You need to select the appropriate Performance Monitor counters to use.

Which performance counters should you use? (To answer, drag the appropriate counters to the correct location or locations in the answer area. Each counter 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.)

Answer Area	
Purpose	Performance Monitor counter
Monitor how full the cache is	
Monitor the removal of cache contents	

Blob Cache fill ratio

Blob cache flushes/second

Disk Cache fill ratio

Total number of cache compactions

Total objects in Blob Cache

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**Answer:**

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Answer Area	
Purpose	Performance Monitor counter
Monitor how full the cache is	<b>Blob Cache fill ratio</b>
Monitor the removal of cache contents	<b>Total number of cache compactions</b>
<b>Blob cache flushes/second</b>	
<b>Disk Cache fill ratio</b>	
<b>Total objects in Blob Cache</b>	

Explanation:

Note:

\* From scenario:

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.

\* Symptoms: The Blob Cache fill ratio performance counter threshold has been exceeded.

Cause: The configured size for the disk-based cache is smaller than the total size of frequently accessed files for the Web application.

\* Total Number of cache Compactions:

If this number is continually or frequently high, the cache size is too small for the data being requested. To improve performance, increase the size of the cache.

Reference: Monitor cache performance in SharePoint 2013

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### **Question: 11**

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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](http://www.proseware.com) and point it to [www.adatum.com](http://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.

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**Answer: D**

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### **Question: 12**

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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.

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**Answer: D**

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### **Question: 13**

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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.

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**Answer: D**

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### **Question: 14**

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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.

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**Answer: C**

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### **Question: 15**

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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.

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**Answer: B**

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### **Case Study: 3**

#### **Blue Yonder Airlines**

##### **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.

<b>Partner company</b>	<b>Role</b>	<b>URL</b>
Wingtip Toys	Designers of toy airplanes and other items sold by Blue Yonder.	<a href="http://www.wingtiptoys.com">http://www.wingtiptoys.com</a>
Tailspin Toys	Manufacturers of all toys sold by Blue Yonder.	<a href="http://www.tailspintoys.com">http://www.tailspintoys.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](mailto: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.

<b>Partner company</b>	<b>URL to access environment</b>
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.

---

**Answer: B, D**

Explanation:

Note:

When an administrator upgrades team sites from SharePoint Server 2010, they must activate site feeds on the upgraded team site by first enabling the Following Content feature on the team site, and then enabling the Site Feeds feature on the team site.

---

### **Question: 2**

DRAG DROP

You need to ensure that profile information about contractors and employees is available in search results. 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.)

Answer Area	
Enable continuous crawl on the Blue Yonder People Search content source.	
Enable continuous crawl on the Margie's Travel People Search content source.	
As the site collection administrator, configure service application settings for the site collection.	
Select the Search service application that contains https://margiestravel.blueyonderairlines.com.	
Select the Search service application that contains https://blueyonderairlines.com.	
Disable continuous crawl on the Margie's Travel People Search content source.	
As the Search service administrator, configure service application settings in Central Administration.	

**Answer:**

Box 1:

Enable continuous crawl on the Margie's Travel People Search content source.

Box 2:

Select the Search service application that contains https://margiestravel.blueyonderairlines.com.

Box 3:

**As the Search service administrator, configure service application settings in Central Administration.**

Explanation:

Note:

\* From Scenario:

Allow resource coordinators from Blue Yonder to find temporary staffing options from Margie's Travel contractors and employees.

\* How to create and configure a SharePoint Search service application

When you deploy and configure a Search service application, you perform the following main tasks:

Create accounts — Certain domain user accounts are required specifically for a Search service application.

Create a Search service application — A Search service application provides enterprise search features and functionality.

Configure the Search service application — Basic configuration of a Search service application includes configuring a default content access account, an email contact, and content sources.

You configure a Search service application on the Search Administration page for that service application.

Configure the Search service application topology — You can deploy search components on different servers in the farm. You can also specify which instance of SQL Server is used to host the search-related databases.

\* Enabling continuous crawl has the following advantages:

The search results are very fresh, because the SharePoint content is crawled frequently to keep the search index up to date.

The search administrator does not have to monitor changing or seasonal demands for content freshness. Continuous crawls automatically adapt as necessary to the change rate of the SharePoint content.

Reference: Create and configure a Search service application in SharePoint Server 2013

### **Question: 3**

**DRAG DROP**

You need to configure Search to support resource coordinators.

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.)

Answer Area	
Sign in to Central Administration as the Search service application administrator. Configure the service application settings.	
Configure the <b>Type</b> to include <b>People Search Results</b> .	
Configure the <b>Type</b> to include <b>SharePoint Search Results</b> .	
Sign in as the site collection administrator. Configure Site Settings in the Publishing site collection.	
Add a new results source.	

---

### Answer:

---

Box 1:

Sign in to Central Administration as the Search service application administrator. Configure the service application settings.

Box 2: Add a new results source.

Box 3: Configure the Type to include People Search Results

Explanation:

Note:

\* From scenario:

Allow resource coordinators from Blue Yonder to find temporary staffing options from Margie's Travel contractors and employees.

\* To create a result source

Depending on the level at which you want to create the result source, do one of the following:

To create a result source for a Search service application:

Verify that the user account that performs this procedure is an administrator on the Search service application.

In Central Administration, in the Application Management section, click Manage service application.

Click the Search service application for which you want to create a result source.

On the Search Administration page for the Search service application, on the Quick Launch, in the Queries and Results section, click Result Sources.

\* In the Typesection, select SharePoint Search Resultsto search the whole index, orPeople Search Resultsto enable query processing that is specific to people search.

Reference: Configure result sources for search in SharePoint Server 2013

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### Question: 4

---

You need to configure the existing managed metadata service application for term store management.

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

- A. Grant the Read and Restricted Write Access to Term Store permission to the Wingtip Toys and Tailspin Toys application pool accounts.
- B. Grant the Full Access to Term Store permission to the Blue Yonder application pool account.
- C. Add the managed metadata service connection to the application proxy group that is assigned to all three web applications.
- D. Grant the Read Access to Term Store permission to the Local Farm account.
- E. Grant the Read and Restricted Write Access to Term Store permission to the Local Farm account.

---

**Answer: B, C, E**

---

### **Question: 5**

---

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

---

**Answer: B, F**

---

Explanation:

Note:

\* From Scenario: All servers must run on virtual machines.

Minimum operating system requirement for SharePoint 2013 (web server) is Windows Server 2008 R2 with Service Pack 1 or Windows Server 2012.

### **Question: 6**

---

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.
- 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.

---

**Answer: A, D**

---

Explanation:

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: Plan for RBS in SharePoint 2013

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### **Question: 7**

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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.

---

**Answer: A, E, F**

---

Explanation:

Note:

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

---

### **Question: 8**

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DRAG DROP

You need to configure the environment for confidential documents.

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.)

Answer Area	
Activate the policy feature.	
Associate the policy feature with a document library.	
In the Site Collection Policies Gallery, create a policy feature.	
In Central Administration, create a security policy feature.	
Associate the content type with a document library.	
Associate the policy feature with the restricted content type.	

**Answer:**

Box 1: In the Site Collection Policies Gallery, create a policy feature.

Box 2: Associate the policy feature with a restricted content type.

Box 3: Activate the policy feature.

Explanation:

Note:

\* From scenario: Changes to confidential documents must be logged.

\* Policy features are implemented as programs that run on SharePoint Server 2013. They can be enabled and configured by a server administrator and, when they are enabled, they can be used by site administrators to define policies.

\* To implement a policy, associate it with content types, libraries, or lists in sites.

\* The top-level site of a site collection includes a Site Collection Policies gallery where administrators of the top-level site can create new policies. After creating a Site Collection policy, you can export it so that administrators of other site collections can import it into their Site Collection Policies galleries. This lets you standardize policies across your organization.

\* You can associate a policy with a library, list, or content type in the following ways:

A) Associate policy features with a Site Collection policy and then associate that policy with a content type or with a list or library.

B) Associate a set of policy features directly with a content type, and then add that content type to one or more lists or libraries.

C) Associate a set of policy features directly with a list or library.

Reference: Plan for information management policy in SharePoint Server 2013

**Question: 9**

Workflows do not start in the <https://wingtiptoys.blueyonder.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://wingtiptoys.blueyonderairlines.com>.
- C. Copy the workflows from <https://tailspintoys.blueyonderairlines.com> to <https://wingtiptoys.blueyonderairlines.com>.
- D. Set the managed metadata service connection permission to Restricted.

**Answer: B**

### **Question: 10**

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.

**Answer: B**

### **Case Study: 4**

#### **A.Datum**

#### **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.

<b>Site</b>	<b>URL</b>	<b>Description</b>
Public site	<a href="http://www.adatum.com">www.adatum.com</a>	Public website
Intranet portal	<a href="http://intranet.adatum.com">intranet.adatum.com</a>	Internal portal for company information
Document portal	<a href="http://docs.adatum.com">docs.adatum.com</a>	Internal portal for document storage
My Site portal	<a href="http://my.adatum.com">my.adatum.com</a>	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:

<b>Server name</b>	<b>Operating system</b>	<b>Location</b>
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.

---

**Answer: A**

---

**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.

---

**Answer: C, F**

---

Explanation:

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.

Ref: <http://support.microsoft.com/kb/952167>

**Question: 3**

---

HOTSPOT

You need to ensure that new users have timely access to user profile information.

On the Service Applications page, which service application should you configure? (To answer, select the appropriate service application in the answer area.)

Secure Store Service

Secure Store Service

Security Token Service Application

State Service

State Service

Usage and Health data collection

Usage and Health data collection

User Profile Service Application

User Profile Service Application

Visio Graphics Service

Visio Graphics Service

Word Automation Services

Word Automation Services

---

Answer:

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Secure Store Service

Secure Store Service

Security Token Service Application

State Service

State Service

Usage and Health data collection

Usage and Health data collection

User Profile Service Application

User Profile Service Application

Visio Graphics Service

Visio Graphics Service

Word Automation Services

Word Automation Services

Explanation:

Note:

The User Profile service application in SharePoint Server 2013 provides a central location where service administrators configure and administer the following features:

- \* User profiles – contain detailed information about people in an organization. A user profile organizes and displays all of the properties related to each user, together with social tags, documents, and other items related to that user.
- \* Profile synchronization – provides a reliable way to synchronize groups and user profile information that is stored in the SharePoint Server 2013 profile database together with information that is stored in directory services across the enterprise.
- \* Audiences – enables organizations to target content to users based on their job or task, as defined by their membership in a SharePoint Server group or distribution list, by the organizational reporting structure, or by the public properties in their user profiles.
- \* My Site Host – a dedicated site for hosting My Sites. A My Site Host is needed in order to deploy the social features of SharePoint Server.
- \* My Site – a personal site that gives users in your organization a central location to manage and store documents, links, and information about colleagues.
- \* Social tags and notes – enables users to add social tags to documents, to other SharePoint Server items, and to other items, such as external web pages and blog posts. Users can also leave notes on profile pages of a My Site or any SharePoint Server page. Administrators can delete all tags for employees when they leave the company or remove a tag they do not want.

---

#### **Question: 4**

---

You need to prepare the web servers for a SharePoint installation in the new farm.

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

- A. Save the PrerequisiteInstaller.Arguments file in the same directory as the prerequisite installer.
- B. Define the installation arguments in a file named PrerequisiteInstaller.Arguments.txt
- C. Install Windows Server 2012 on SERVER02.
- D. Define the installation arguments in a file named PrerequisiteInstaller.Arguments.cfg.
- E. Save the PrerequisiteInstaller.Arguments file in the SharePoint installation directory.
- F. Install Windows Server 2012 on a virtual machine.

---

**Answer: A, B, F**

---

Explanation:

A, B: Using a text editor, create a new text document named PrerequisiteInstaller.Arguments.txt. Save this file to the same location as PrerequisiteInstaller.exe.

F: From Scenario: All servers must be virtualized unless otherwise specified

Note: From scenario (but applies to the database server, not the web servers): The database servers must be physical machines running Windows Server 2012 with direct access to storage.

Reference: Install prerequisites for SharePoint 2013 from a network share

---

#### **Question: 5**

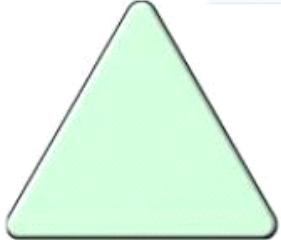
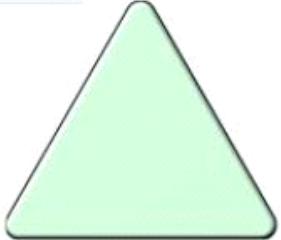
---

DRAG DROP

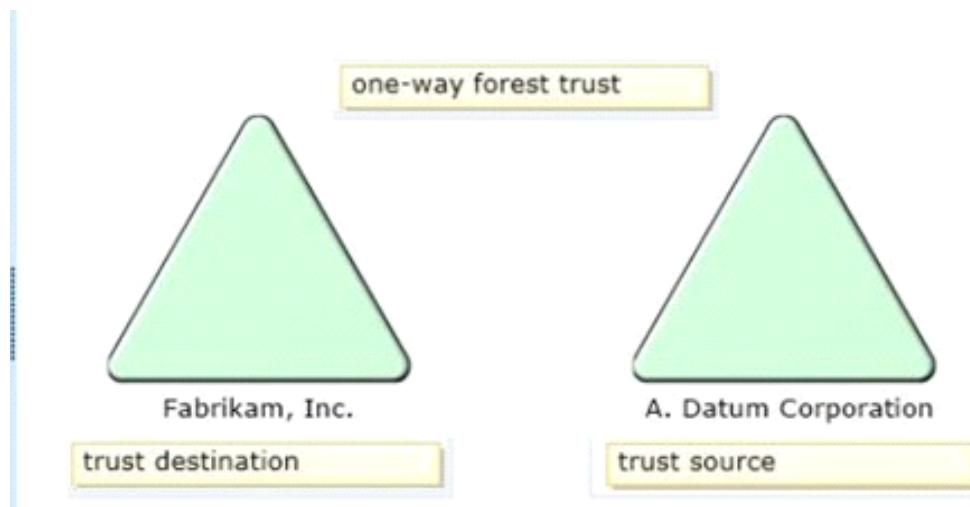
You need to configure cross-forest authentication.

How should you configure the authentication? (To answer, drag the appropriate trust element to the correct target in the answer area. Each trust element 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.)

Answer Area		
<input type="checkbox"/> one-way external trust <input type="checkbox"/> one-way forest trust <input type="checkbox"/> one-way realm trust <input type="checkbox"/> trust destination <input type="checkbox"/> trust source	 Fabrikam, Inc. <input type="text"/>	 A. Datum Corporation <input type="text"/>

### Answer:



Explanation:

Note:

\* From scenario:

/ Fabrikam has an AD DS domain named fabrikam.com

/ 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.

\* A.Datum need to Trust Fabrikam (as Fabrikam need to access resources in A.Datum) so A.Datum is the source and Fabrikam the destination.

\* A one-way, outgoing, forest trust allows resources in your Windows Server 2008 forest or Windows Server 2003 forest (the forest that you are logged on to at the time that you run the New Trust Wizard) to be accessed by users in another Windows Server 2008 forest or Windows Server 2003 forest. For example, if you are the administrator of the wingtiptoys.com forest and resources in that forest need to be accessed by users in the tailspintoys.com forest, you can use this procedure to establish one side of the relationship so that users in the tailspintoys.com forest can access resources in any of the domains that make up the wingtiptoys.com forest.

Reference: Create a One-Way, Outgoing, Forest Trust for One Side of the Trust

### Question: 6

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.

---

**Answer: B**

---

Explanation:

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

---

### **Question: 7**

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DRAG DROP

You need to configure the SharePoint environment for App1.

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.)

Answer Area	
From the fabrikam.com SharePoint environment, create a trusted root authority.	
From the adatum.com SharePoint environment, create an identity provider.	
From the fabrikam.com SharePoint environment, export the security token certificate.	
From the adatum.com SharePoint environment, export the security token certificate.	
From the adatum.com SharePoint environment, create a trusted root authority.	
From the fabrikam.com SharePoint environment, create an identity provider.	

---

**Answer:**

Box 1: From the adatum.com SharePoint environment, create a trusted root authority.

Box 2: From the fabrikam.com SharePoint environment, create an identity provider.

Box 3: From the fabrikam.com SharePoint Environment, export the security token certificate.

Explanation:

Note:

\* From scenario:

/ Fabrikam has an AD DS domain named fabrikam.com

/ 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.

\* Add Certificate to the SharePoint Trusted Root Certificate Authority

Step 1: Export the Security Certificate

Here from Fabrikam.

Step 2: Import the Security Certificate into SharePoint Trusted Root Certificate authority

Here in Adatum.com

Reference: Add Certificate to the SharePoint Trusted Root Certificate Authority

---

### **Question: 8**

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.

---

**Answer: B**

---

### **Question: 9**

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

---

**Answer: D**

---

### **Question: 10**

DRAG DROP

You need to configure the SQL Server environment.

Which three actions should you perform in sequence? (To answer, move the actions to the answer area and arrange

them in the correct order.)

**Answer Area**

Install Windows Server 2012 and SQL Server 2012 on physical machines.
Configure SERVER02 and SERVER03 as an AlwaysOn availability group.
Configure SERVER02 as a witness server.
Configure SERVER03 as a log shipping destination.
Install Windows Server 2012 and SQL Server 2012 on virtual machines.
Configure SERVER01 as a principal server and SERVER02 as a mirror server.

---

**Answer:**

Box 1: Install Windows Server 2012 and SQL Server 2012 on physical machines.

Box 2: Configure Server01 as a principal server and Server02 as a mirror server.

Box 3: Configure Server03 as a log shipping destination.

**Explanation:**

**Note:**

\* From scenario:

/ All servers must be virtualized unless otherwise specified.

/ The database servers must be physical machines running Windows Server 2012 with direct access to storage.

/ All database transaction logs must be sent off-site.

(so we configure log shipping destination on Server3 which is located in New York – while server1 and server2 are both in Chicago).

/ The database servers must be configured for redundancy.

\* SQL Server Log shipping allows you to automatically send transaction log backups from a primary database on a primary server instance to one or more secondary databases on separate secondary server instances.

Reference: About Log Shipping (SQL Server)

### **Case Study: 5**

**Contoso Ltd**

**Background**

You are the SharePoint server administrator for Contoso, Ltd. Contoso has a SharePoint 2010 environment hosted on SharePoint Online and a separate on-premises SharePoint 2010 farm. You are preparing to upgrade the environments to newer versions of SharePoint. You are also planning to support a hybrid on-

premises/cloud deployment that will be available to customers, partners, and third-party vendors. Contoso collaborates with a partner company, Tailspin Toys, on multiple projects.

## Technical Environment

All user groups reside in the existing Active Directory Domain Services (AD DS) domain corp.contoso.com. The existing SharePoint Online environment is configured as follows:

- The SharePoint Online URL assigned by Microsoft is <http://contoso.sharepoint.com>.
- The SharePoint Online Administration Center URL is <https://contoso.admin.sharepoint.com>.
- The user name for the Contoso Office 365 administrator is [admin@contoso.com](mailto:admin@contoso.com).
- An existing line-of-business application provides an OData service that is hosted in Microsoft Windows Azure SQL Database.

The site collections are described in the following table.

Site collection	URL	Location
Corporate Projects	<a href="https://sharepoint.contoso.com/sites/projects">https://sharepoint.contoso.com/sites/projects</a>	On-premises
Partner Projects	<a href="https://projects.contoso.com">https://projects.contoso.com</a>	Online

## Business Requirements

The upgraded SharePoint environments must meet the following business requirements:

- All SharePoint 2013 features must be available to all users when connecting from inside or outside of the corporate network.
- Users of the Partner Projects site collection must be able to share content from their Microsoft Outlook clients and receive content from external users who send email directly to the site.
- The Corporate Projects site collection must be available to internal users who connect from outside of the corporate network and must not require a VPN connection.
- Third-party vendors must be able to read and modify documents.

## Technical Requirements

You must meet the following technical requirements:

- Before upgrading the Partner Projects site collection, create a duplicate, upgraded copy of the site for review and verification purposes.
- Use Active Directory Federation Services (AD FS) 2.0 to authenticate Contoso employees, partners, and customers.
- Automate the sign-in experience by using the local AD FS 2.0 servers for AD FS single sign-on (SSO).
- Ensure that a web usage report that contains traffic reports, search reports, and inventory reports can be provided for any site.

The upgraded SharePoint environments must meet the following technical requirements:

- All user profile information that resides in Active Directory must be available in SharePoint Online.
- All sites must be able to share a mail-enabled document library that resides in the cloud.
- The existing line-of-business application must be consumed as an external content type by using Microsoft Business Connectivity Services (BCS).
- The Partner Projects site collection must allow Contoso and Tailspin Toys

users to share documents with third-party vendors on an ad-hoc basis, without incurring additional licensing requirements.

---

### **Question: 1**

---

You are configuring DNS for SharePoint Online.

You need to create the appropriate type of DNS record.

Which type of DNS record should you create?

- A. A DNS CNAME record pointing to sharepoint.contoso.com.
- B. A DNS CNAME record pointing to contoso.sharepoint.com.
- C. A DNS A record pointing to the IP address of the SharePoint Online servers.
- D. A DNS TXT record containing an Office 365 validation code.

---

**Answer: B**

---

---

### **Question: 2**

---

You need to configure Office 365 to automate the sign-in experience.

What should you do?

- A. Configure AD FS to convert the domain contoso.com to a federated domain.
- B. Run the New-MsolFederatedDomain-DomainName contoso.com –SupportMultipleDomain Windows PowerShell cmdlet.
- C. Configure AD FS to add the domain contoso.com as an AD FS federated domain and to support multiple domains.
- D. Run the Update-MsolFederatedDomain-DomainName contoso.com - SupportMultipleDomain Windows PowerShell cmdlet.

---

**Answer: B**

---

---

### **Question: 3**

---

You need to meet the requirements for the projects.contoso.com site.

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

- A. Add the Site Mailbox app to the site.
- B. Create a distribution list, and add the project team members to the distribution list.
- C. Add all the project team members to the Members group of the site.
- D. Create an AD security group, and add all the project team members to the security group.
- E. Email-enable a document library app on the site.

---

**Answer: A, C**

---

Explanation:

\* From scenario:

Users of the Partner Projects site collection must be able to share content from their Microsoft Outlook clients and receive content from external users who send email directly to the site

A Site Mailbox is a shared inbox in Exchange Online that all the members of a SharePoint Online site can access. It is implemented in SharePoint Online Preview as what is known as an [app](#). An app is best described as a solution that

carries a light footprint and uses standards-based technologies such as HTML5, JavaScript, and OAuth. The Site Mailbox is accessible from the site in which it is created. It allows access to users who are individually listed in the Owners and Members groups of the site - security groups or distribution lists are not supported by Site Mailboxes. The email address of the site mailbox will be generated automatically from the name of the site. Site mailboxes are surfaced in Outlook 2013 and give you easy access to the emails and documents for the projects you care about. Site Mailboxes are listed in the Folder Explorer in Outlook 2013 (the rich client), letting you file emails or documents into the shared project space simply by dragging the email, document, or attachment into the site mailbox.

Ref: <http://blogs.technet.com/b/lystavlen/archive/2012/08/18/new-feature-site-mailboxes-in-sharepoint-online.aspx>

#### Question: 4

##### DRAG DROP

You need to provide access to the Corporate Projects site collection to remote internal users.

Which authentication mode and site collection URL should you use? (To answer, drag the appropriate answer choices to the correct location or locations in the answer area. Each answer choice 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.)

Answer Area	
Authentication mode	Site collection URL

Classic-mode authentication  
 DirectAccess authentication  
 Forms-based authentication  
 Host-named site collection  
 Path-based site collection

#### Answer:

Box 1: DirectAccess authentication

Box 2: Path-based site collections

##### Explanation:

##### Note:

- \* From scenario: Automate the sign-in experience by using the local AD FS 2.0 servers for AD FS single sign-on (SSO).
- \* The Corporate Projects site collection must be available to internal users who connect from outside of the corporate network and must not require a VPN connection
- \* DirectAccess authenticates the computer before the user logs on. Typically, computer authentication grants access only to domain controllers and DNS servers. After the user logs on, DirectAccess authenticates the user, and the user can connect to any resources he or she is authorized to access.

DirectAccess supports standard user authentication using a computer certificate and user account name and password credentials.

DirectAccess supports standard user authentication using a computer certificate and user account name and password credentials. For greater security, you can implement additional authorization with smart cards. This type of configuration allows users to access Internet resources without their smart cards, but requires a smart card before users can connect to intranet resources. A user must insert a smart card in addition to typing his or her user credentials. Smart card authorization prevents an attacker who acquires a user's password (but not the smart card) from accessing the intranet. Similarly, an attacker who acquires the smart card but does not know the user's password

does not have access.

When smart cards are required for end-to-end authentication, you must use Active Directory Domain Services (AD DS) in Windows Server 2008 R2.

\* From scenario: Ensure that a web usage report that contains traffic reports, search reports, and inventory reports can be provided for any site.

\* Microsoft SharePoint supports both path-based and host-named site collections. The primary difference between path-based and host-named site collections is that all path-based site collections in a Web application share the same host name (DNS name), and each host-named site collection in a Web application is assigned a unique DNS name.

Path-based site collections

Ex: <http://www.company.com/sites/cust1>

<http://www.company.com/sites/cust2>

<http://www.company.com/sites/cust3>

Host-named site collections

Ex: <http://cust1.company.com>

<http://cust2.company.com>

## Question: 5

DRAG DROP

You need to configure the environment to allow replication from the existing domain to Office 365.

Which components should you use? (To answer, drag the appropriate products or technologies to the correct location or locations in the answer area. Each product or technology 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.)

Answer Area	
Purpose	Product or technology
Local area network	
Perimeter network	
User replication	

AD FS 2.0

AD FS 2.0 Proxy

Microsoft Office 365 Deployment Readiness Tool

Microsoft Online Services Directory Synchronization tool

SAML token-based claims authentication

Windows Identity Foundation

**Answer:**

Box 1: AD FS 2.0

Box 2: AD FS 2.0 Proxy

Box 3: Microsoft Online Services Directory Synchronization Tool

Explanation:

Note:

\* From Scenario:

/ Use Active Directory Federation Services (AD FS) 2.0 to authenticate Contoso employees, partners, and customers.

/ Automate the sign-in experience by using the local AD FS 2.0 servers for AD FS single sign-on (SSO).

\* Implementing SSO for Office 365 is indicative of setting up ADFS 2.0

By default (the only supported DirSync scenario), passwords are not synced to Office 365 by Directory Sync. ADFS is

required in order to use on-premises passwords for Office 365.

\* Directory synchronization is the synchronization of directory objects (users, groups, and contacts) from your on-premises Active Directory environment to the Office 365 directory infrastructure. The Microsoft Online Services Directory Synchronization tool is used to perform this synchronization.

Reference: Active Directory Synchronization in Office 365

---

### **Question: 6**

---

You are configuring an administration connection to SharePoint Online.

You need to instantiate the connection and authenticate to Office 365.

Which Windows PowerShell cmdlet should you run?

- A. Connect-SPOService-Url <https://contoso.sharepoint.com> -credential admin@contoso.com
- B. Connect-SPOService-Url <https://contoso-admin.sharepoint.com> -credential admin@contoso.com
- C. Set-SPTenant -ExternalServicesEnabled -NoAccessRedirectUrl <https://contoso.sharepoint.com>
- D. Set-SPOSiteGroup -Site <https://contoso-admin.sharepoint.com> -Identity Administrators

---

**Answer: B**

---

---

### **Question: 7**

---

You need to display the required web usage report(s) for the projects.contoso.com site.

What should you do?

- A. Display the Unified Logging Service (ULS) logs.
- B. Display usage reports created by using Microsoft System Center 2012 - Operations Manager.
- C. In Central Administration, on an on-premise SharePoint server, navigate to the Web Analytics reports.
- D. Navigate to the site, and then replace Pages/Default.aspx in the URL with \_layouts/ usagedetails.aspx.

---

**Answer: D**

---

---

### **Question: 8**

---

You are preparing to upgrade the Partner Projects site collection.

You need to perform the prerequisite task.

Which Windows PowerShell cmdlet should you run?

- A. Invoke-PolicyEvaluation
- B. Request-SPOUpgradeEvaluationSite
- C. Start-OrganizationUpgrade
- D. Upgrade SPOSite

---

**Answer: B**

---

---

### **Question: 9**

---

You plan to set up an external list to work with the existing line-of-business application in the cloud.

You need to upload a configuration file to SharePoint Online to enable communication with the external data.

Which configuration file should you upload?

- A. A Microsoft Business Connectivity Services (BCS) resource file
- B. A Microsoft Business Data Connectivity (BDC) service model file that specifies a LobSystemInstance
- C. A SharePoint trust configuration file that specifies permissions
- D. A comma-separated OData definition file that specifies instance permissions

---

**Answer: B**

---

**Question: 10**

---

DRAG DROP

You need to enable third-party vendors to access project documentation in the Partner Projects site collection. 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.)

## Answer Area

Send a message that contains the direct site link to the site user.

Add third-party vendor email addresses to the Members SharePoint group for the site.

Add third-party vendor email addresses to the Visitors SharePoint group for the site.

Use the **Share** functionality to share the site.

Enable SAML token-based authentication on the zone that contains the https://projects.contoso.com site.

Create a custom AD FS attribute store for third-party vendors.

Enable forms-based authentication on the zone containing the https://projects.contoso.com site.

Enable anonymous access on the https://projects.contoso.com site.

**Answer:**

Box 1: Use the Share functionality to share the site.

Box 2: Add third-party vendor email addresses to the Members SharePoint group for the site.

Box 3: Send a message that contains the direct site link to the site user.

**Explanation:**

**Note:**

\* From Scenario:

/ Third-party vendors must be able to read and modify documents.

/ The Partner Projects site collection must allow Contoso and Tailspin Toys users to share documents with third-party vendors on an ad-hoc basis, without incurring additional licensing requirements., whether it is your own internal environment or a partner environment. If you use Active Directory Federation Services (AD FS) 2.0, you have a SAML token-based authentication environment.

\* Correct: If the purpose of your Web site is for members of a particular workgroup to share documents and

information, you typically add members of that workgroup (that is, their Windows user accounts or Windows groups) to an appropriate SharePoint group on your site. For example, you can add workgroup members that you want to allow to contribute to your Web site to the Site name Members SharePoint group. This way they can add documents and update lists.

\* Incorrect:

You can also add other Windows security groups to theSite nameVisitors SharePoint group so that they can read documents and view lists, but not contribute to the site. You might also want help managing the site, so you can assign individual Windows user accounts to theSite nameOwners SharePoint group.

Reference: About managing SharePoint groups and users

Reference: Plan for user authentication methods in SharePoint 2013

## Case Study: 6 Mix Questions Part 1

### Question: 1

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 navigation based on term sets.

You need to ensure that you can create the term sets.

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

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

Explanation:

Note:

Example:

Clicking the “Create Term Set” button on the bottom resulted in the following error: Failed to create term set. A default managed metadata service connection hasn’t been specified.

This message made it sound like the service application wasn’t created or that it wasn’t in this web application’s proxy group. Use the Managed Metadata Service Application to fix this problem.

## Question: 2

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

You need to configure a service account to use domain credentials.

What should you do first?

- A. Configure the service account to use a domain user account.
- B. Register the domain credentials in the Farm Administrators group.
- C. Configure the service account to use a local user account.
- D. Register the domain credentials as a SharePoint managed account.

---

Answer: D

---

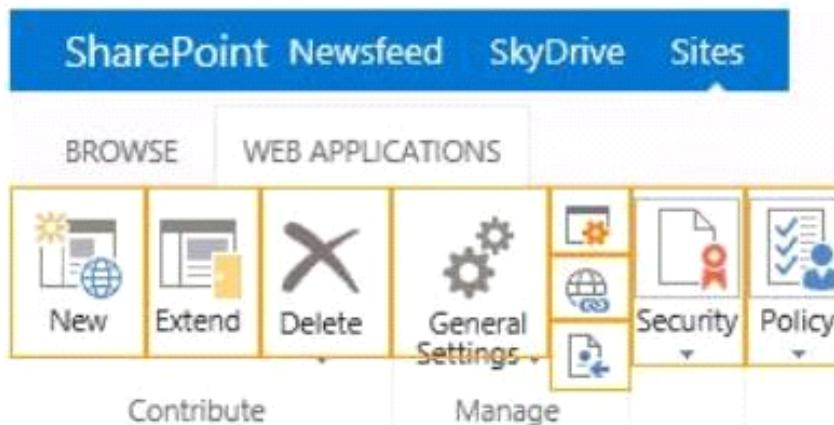
## Question: 3

HOTSPOT

You are managing web applications on a SharePoint site.

You need to begin configuring anonymous access for a SharePoint web application.

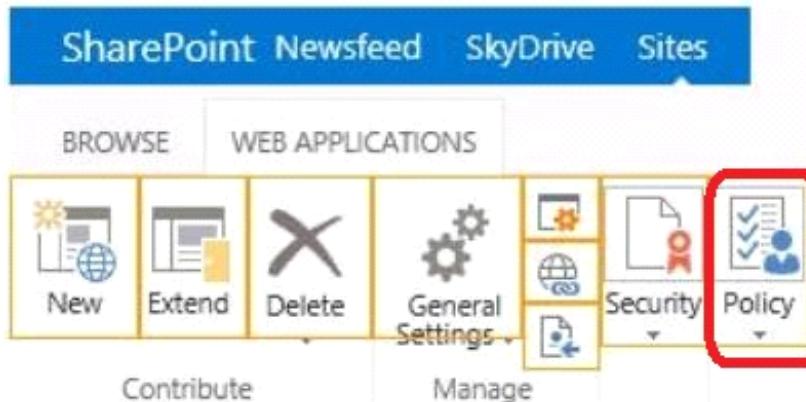
Which command should you select? (To answer, select the appropriate command in the answer area.)




---

**Answer:**


---


**Explanation:**

\* Permission Policy

On the SharePoint Central Administration website, in the Application Management section, click Manage web applications.

Click to highlight the web application whose permission policy that you want to manage.

In the Policy group of the ribbon, click Anonymous Policy.

In the Anonymous Access Restrictions dialog box, in the Zone list, click the zone for which you want the policy to apply.

In the Permissions section, select the permission policy that you want anonymous users to have, and then click Save.

---

**Question: 4**


---

**HOTSPOT**

You create a SharePoint site for collaboration with external partners. The network team configures the reverse proxy server and publishes the SharePoint site.

Partners cannot sign in to the SharePoint site.

You need to ensure that partners can access the SharePoint site.

In Central Administration, on which page should you configure the settings? (To answer, select the appropriate page in the answer area.)

Central Administration

Application  
Management

System Settings

Monitoring

Backup and Restore

Security

Upgrade and Migration

General Application  
Settings

Apps

Configuration Wizards

---

**Answer:**

---

Central Administration

Application Management

System Settings

Monitoring

Backup and Restore

Security

Upgrade and Migration

General Application Settings

Apps

Configuration Wizards

Explanation:

Note:

\* Reverse proxy server A reverse proxy server that supports Secure Sockets Layer (SSL), such as Microsoft Forefront Unified Access Gateway (UAG), enables you to publish SharePoint sites across the corporate firewall.

\* See step 2 below:

After the SharePoint site is published outside the firewall, you must add the site to a zone that allows for cross-firewall access. A cross-firewall access zone is used to generate external PC and mobile URLs in mobile alert messages, and enables users to send an externally available URL when they click the E-mail a link or Alert Me button on the ribbon.

To configure a cross-firewall access zone

Verify that you have the following administrative credentials:

You must be a member of the Farm Administrators group.

In Central Administration, click System Settings.

On the System Settings page, under Farm Management, click Configure cross firewall access zone.

On the Cross Firewall Access Zone page, in Web Application, in the Web Application list, select the web application that is published across the firewall.

In Cross Firewall Access Zone, in the Zone selection for cross firewall access list, select the zone that is published across the firewall.

Reference: Configure external access for mobile devices in SharePoint 2013

---

**Question: 5**

---

DRAG DROP

A company has a single Active Directory Domain Services (AD DS) forest that contains two domains named tailspintoy.com and wingtiptoys.com. The company has a SharePoint environment in the tailspintoy.com domain.

You need to ensure that SharePoint search services use SharePoint managed accounts.

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.)

Answer Area	
Configure the SharePoint Server Search service to use the Account1 account.	
Register Account1 as a SharePoint managed account.	
Create an account named Account1 in the tailspintoys.com domain.	
Create an account named Account1 in the wingtiptoys.com domain.	
Configure the SharePoint Foundation Search service to use the Account1 account.	

**Answer:**

Box 1: Create an account named Account1 in the tailspintoys.com domain.

Box 2: Register Account1 as a SharePoint managed account.

Box 3: Configure the SharePoint Server Search service to use the Account1 account.

Explanation:

Note:

\* Make the account in the SharePoint domain.

\* Step 1: Create accounts that are required for a SharePoint Search service application

To register a managed account

On the Central Administration home page, in the Quick Launch, click Security.

On the Security page, in the General Security section, click Configure managed accounts.

On the Managed Accounts page, click Register Managed Account.

On the Register Managed Account page, in the Account Registration section, type the user name and password that you want to use as credentials for the service account.

If you want SharePoint Server 2013 to manage password changes for this account, select the Enable automatic password change check box and configure the parameters for automatic password change.

Click OK.

Step 2: Configure the SharePoint Search service

Reference: Create and configure a Search service application in SharePoint Server 2013

**Question: 6**

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?

- 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.

---

## Answer: B

---

**Explanation:**

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.

---

### Question: 7

---

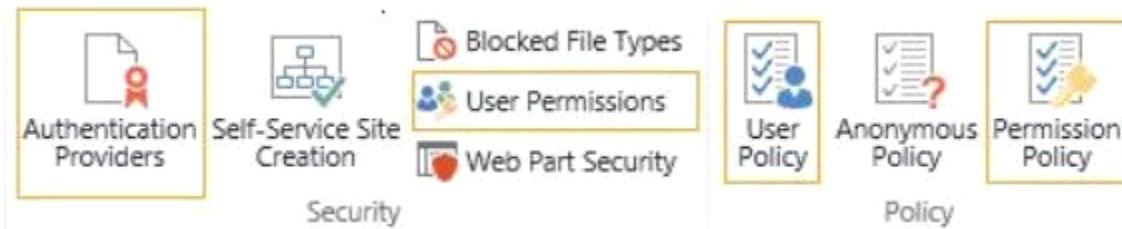
#### HOTSPOT

The application log in the Windows Event Viewer shows object caching errors. You resolve the errors by modifying a web application in the farm.

After you resolve the errors, users are unable to access sites in the web application.

You need to restore user access to the sites.

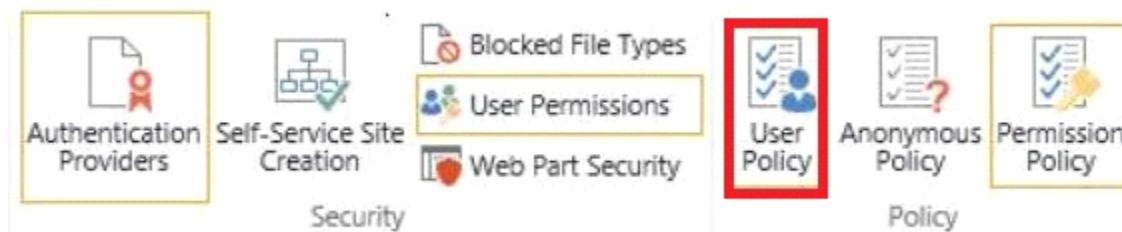
On the Manage Web Applications page, which option should you configure? (To answer, select the appropriate option in the answer area.)




---

## Answer:

---



**Explanation:**

**Note:**

Add users to a permission policy

You might want to add users to a permission policy to ensure that all users are accessing content with the same set of permissions.

In the Policy group of the ribbon, click User Policy.

In the Policy for Web Application dialog box, select the check box next to the user or group that you want to manage, and then click Add Users.

In the Add Users dialog box, in the Zone list, click the zone to which you want the permission policy to apply and then click Next.

In the Add Users dialog box, in the Choose Users section, type the user names, group names, or e-mail addresses that you want to add to the permission policy.

In the Choose Permissions section, select the permissions that you want the users to have.

In the Choose System Settings section, check Account operates as System if you want to specify whether a user account should be displayed as SHAREPOINT\System instead of the actual accounts that perform specific tasks within the SharePoint environment.

Click Finish.

Reference: Manage permission policies for a web application in SharePoint 2013

### Question: 8

DRAG DROP

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

You have the following requirements for SharePoint site permissions:

Architects must be able to view website usage reports.

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.)

Answer Area	
Group	Permission level
Managers	
Editors	

Apply Style Sheets

Manage Lists

Manage Web Site

Use Client Integration Features

View Web Analytics Data

**Answer:**

Group	Permission level
Managers	View Web Analytics Data
Editors	Use Client Integration Features

Explanation:

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: 9**

---

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.

---

### **Answer: A, D**

---

Explanation:

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 "Error! Hyperlink reference not valid."
```

```
$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 "Error! Hyperlink reference not valid."
```

```
$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 built 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: 10**

---

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.

---

**Answer: E, F**

---

Explanation:

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: Trace and Event Log Severity Levels

---

## Question: 11

---

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

---

**Answer: D**

---

---

## Question: 12

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DRAG DROP

A company has an Active Directory Domain Services (AD DS) domain and a SharePoint environment. The SharePoint environment includes a team site for each department.

All domain users have Read permissions on the root site. Currently only Human Resources department members have

access to the Human Resources team site.

You have the following requirements for the Human Resources site:

Employees who are not members of the Human Resources department can view only content that is not marked as sensitive.

Human Resources department members can view all content.

You need to configure permissions for the Human Resources site.

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.)

Answer Area
Assign the Limited Access permission level on the sensitive content to all users who are not members of the Human Resources department.
Configure the sensitive content in the Human Resources site to break inheritance from the parent site.
Assign the Limited Access permission level on the Human Resources site to users who are not members of the Human Resources department.
Configure the Human Resources site to inherit permissions from the root site.
Remove the Read permission level on the sensitive content from users who are not members of the Human Resources department.

---

**Answer:**

---

Box 1:

Configure the Human Resources site to inherit permissions from the root site.

Box 2:

Configure the sensitive content in the Human Resources site to break inheritance from the parent site.

Box 3:

Remove the Read permission level on the sensitive content from users who are not members of the Human Resources department.

Explanation:

Note:

\* Incorrect: "The Limited Access permission level is designed to be combined with fine-grained permissions to give users access to a specific list, document library, item, or document, without giving them access to the entire site. However, to access a list or library, for example, a user must have permission to open the parent Web site and read shared data such as the theme and navigation bars of the Web site. The Limited Access permission level cannot be customized or deleted"

"Limited Access" allows no direct access to site content at all, but is intended to allow users to traverse the site in order to access the items within it that they have explicit permissions to see.

Reference: Permission levels and permissions

---

**Question: 13**

---

**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.)

Answer Area		
	<b>Site</b>	<b>Permissions</b>
Contribute	Site1	
Design	Site2	
Full Control	Site3	
Full Read	Site4	
Inherited		
Unique		

---

**Answer:**

---

<b>Site</b>	<b>Permissions</b>
Site1	Inherited
Site2	Inherited
Site3	Unique
Site4	Unique

Box 1: Inherited

Box 2: Inherited

Box 3: unique

Box 4: unique

Explanation:

**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 Site respectively. They should have unique permissions

**Question: 14****HOTSPOT**

You are managing a SharePoint document library app named App1.

You need to stop inheritance for App1.

On which page should you modify this setting? (To answer, select the appropriate page link in the answer area.)

# App1 ➔ Settings

**List Information**

**Name:** App1

**Web Address:** http://server/my/personal/administrator/App1/Forms/AllItems

**Description:**

General Settings

Permissions and Management

- List name, description and navigation
- Versioning settings
- Advanced settings
- Validation settings
- Column default value settings
- Rating settings
- Audience targeting settings
- Form settings

- Delete this document library
- Save document library as template
- Permissions for this document library
- Manage files which have no checked in version
- Enterprise Metadata and Keywords Settings

---

**Answer:**

---

# App1 → Settings

## List Information

**Name:** App1  
**Web Address:** <http://server/my/personal/administrator/App1/Forms/AllItems>  
**Description:**

## General Settings

- List name, description and navigation
- Versioning settings
- Advanced settings
- Validation settings
- Column default value settings
- Rating settings
- Audience targeting settings
- Form settings

## Permissions and Management

- Delete this document library
- Save document library as template
- Permissions for this document library
- Manage files which have no checked in version
- Enterprise Metadata and Keywords Settings

## Explanation:

### Note:

See step 3 and 4 below.

If you stop inheritance and create unique permissions for the list or library, you can then add users or SharePoint groups directly to the list or library.

1. Open the list or library to which you want to add users or SharePoint groups.
2. On the Settings menu, click Document Library Settings or List Settings.
3. On the Customize page, in the Permissions and Management column, click Permissions for this document library or Permissions for this list.
4. If your list or library is inheriting permissions, you must first stop inheriting permissions. To do this, on the Actions menu, click Edit Permissions, and then click OK to confirm that you want to create unique permissions.
5. On the New menu, click Add Users.
6. In the Add Users section, specify the users and SharePoint groups that you want to add to this list or library.
7. In the Give Permission section, either add the users to an existing SharePoint group or give them permission directly to the list or library and then select one or more of the check boxes to give these users the permissions that you want.

Reference: Customizing user access to a SharePoint list or library

---

## Question: 15

---

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.

---

**Answer: B, F**

---

**Explanation:**

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: 16

---

#### HOTSPOT

You are managing a SharePoint farm. All users in the farm have access to a document library app.

You need to begin the process of enabling managed terms for the app.

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

## Documents ▶ Settings

#### List Information

<b>Name:</b>	Documents
<b>Web Address:</b>	<a href="http://sp2013/Shared%20Documents/Forms/AllItems.aspx">http://sp2013/Shared Documents/Forms/AllItems.aspx</a>
<b>Description:</b>	

#### General Settings

#### Permissions and Management

- |   |   |
|---|---|
| □ List name, description and navigation | □ Delete this document library                  |
| □ Versioning settings                   | □ Save document library as template             |
| □ Advanced settings                     | □ Permissions for this document library         |
| □ Validation settings                   | □ Manage files which have no checked in version |
| □ Column default value settings         | □ Workflow Settings                             |
| □ Rating settings                       | □ Information management policy settings        |
| □ Audience targeting settings           | □ Enterprise Metadata and Keywords Settings     |
| □ Form settings                         | □ Generate file plan report                     |

---

Answer:

# Documents ➔ Settings

List Information

**Name:** Documents

**Web Address:** [http://sp2013/Shared Documents/Forms/AllItems.aspx](http://sp2013/Shared%20Documents/Forms/AllItems.aspx)

**Description:**

General Settings

Permissions and Management

- List name, description and navigation
- Versioning settings
- Advanced settings
- Validation settings
- Column default value settings
- Rating settings
- Audience targeting settings
- Form settings

- Delete this document library
- Save document library as template
- Permissions for this document library
- Manage files which have no checked in version
- Workflow Settings
- Information management policy settings
- Enterprise Metadata and Keywords Settings
- Generate file plan report

Explanation:

Note: Consistent use of metadata The managed metadata features in SharePoint products enable you to control how users add metadata to content. For example, by using term sets and managed terms, you can control which terms users can add to content, and you can control who can add new terms. You can also limit enterprise keywords to a specific list by configuring the Keywords term set as closed.

When the same terms are used consistently across sites, it is easier to build robust processes or solutions that rely on metadata. Additionally, it is easier for site users to apply metadata consistently to their content.

---

## Question: 17

DRAG DROP

You are managing a SharePoint site collection that contains a site for each department.

Users in the Accounting department have the following requirements for the department SharePoint site:

All group members must be able to create document workspaces, approve site content, and add group members.

Group membership must be visible only to group members.

Other users must not be able to request group membership.

You need to meet the requirements of the Accounting department.

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.)

Answer Area	
In the group settings, set the option for viewing membership to <b>Everyone</b> .	
In the group settings, set the option for editing membership to <b>Group Members</b> .	
Create a group named Accountants. Assign the Manage Permissions permission level to the Accountants group.	
Create a permission level named Manage Permissions that has the Manage Web Site permission.	
Create a permission level named Create Permissions that has the Create Subsites permission.	
Create a group named Accountants. Assign the Create Permissions permission level to the Accountants group.	

---

### Answer:

---

Box 1:

Create a permission level named Manage Permissions that has the Manage Web Site permission.

Box 2:

Create a group named Accountants. Assign the Manage Permissions permission level to the Accountants group.

Box 3:

In the group settings, set the option for editing membership to **Group Members**.

Note:

- \* Manage, but not create subsites.
- \* Editing group membership, only available for existing members.

---

### Question: 18

---

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.

---

**Answer: A, E**

---

**Explanation:**

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: Manage query rules in SharePoint Server 2013

---

**Question: 19**

---

**DRAG DROP**

You are managing a SharePoint website.

You need to add a search service component to the search topology.

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.)

Answer Area
Clone the search topology.
Run the <b>New-SPEnterpriseSearchServiceApplication</b> Windows PowerShell cmdlet.
Modify the active search topology.
Promote the clone topology to active.
Run the <b>New-SPEnterpriseSearchIndexComponent</b> Windows PowerShell cmdlet.
Restart the SharePoint Search Application service.

---

**Answer:**

Box 1: Clone the search topology.

Box 2:

Run the **New-SPEnterpriseSearchServiceApplication** Windows PowerShell cmdlet.

Box 3: Promote the clone topology to active.

**Explanation:**

Note:

\* To make any changes to the search topology in a search installation that has items in the search index, you first have to create a new topology object. You modify this new topology object, a clone of the active topology, by adding or removing search components. After you have made the changes to the clone topology object, you make the clone the active topology.

\* SharePoint 2013 uses the web-based interface to show the current status of the topology. You change the topology by using Windows PowerShell.

\* The New-SPEnterpriseSearchServiceApplication cmdlet adds a search service application to a farm

This cmdlet is used when the search functionality is first configured or when a new shared search application is added to a farm. SPEnterpriseSearchServiceApplication represents a self-contained aggregation of indexed content and properties available for search, and provides an anchor class for setting global search properties. A farm can include multiple search service applications.

Reference: Manage search components in SharePoint Server 2013

## **Question: 20**

**DRAG DROP**

A SharePoint group named Accounting contains 50 user accounts.

Group members plan to store documents in a SharePoint app.

You need to ensure that only Accounting group members can store or view documents in the app. You must achieve this goal without affecting existing apps or permissions, and by using the least amount of administrative effort.

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.)

Answer Area	
Create a document library app.	
Grant app permissions to the Accounting group.	
Configure the app to stop inheriting permissions.	
Grant app permissions to the user accounts.	
Modify the permissions of the parent site.	

**Answer:**

Box 1: Create a document library app

Box 2: Configure the app to stop inheriting permissions.

Box 3: Grant app permissions to the Accounting group.

## **Question: 21**

**DRAG DROP**

You are managing a SharePoint farm. A user account named Admin1 is a member of the Farm Administrators group.

A domain user account named Admin2 will manage a third-party SharePoint app, named App1, and the App Catalog in which it will reside.

You need to make App1 available to users.

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.)

Answer Area	
Create a new App Catalog by using the Admin1 account.	
Create a new App Catalog by using the Admin2 account.	
Modify the default App Catalog.	
Add the Admin2 account to the Site Collection Administrators group.	
Upload App1 to Apps for Office by using the Admin2 account.	
Add the Admin1 account to the Site Collection Administrators group.	
Upload App1 to Apps for SharePoint by using the Admin2 account.	

### Answer:

Box 1: Create a new App Catalog by using the Admin1 account.

Box 2: Add the Admin2 account to the Site Collection Administrators group

Box 3: Upload App1 to Apps for SharePoint by using the Admin2 account.

Explanation:

Note:

\* SharePoint 2013 introduces a Cloud App Model that enables you to create apps. Apps for SharePoint are self-contained pieces of functionality that extend the capabilities of a SharePoint website.

\* Incorrect: The apps for Office platform lets you create engaging new consumer and enterprise experiences running within supported Office 2013 applications

## Question: 22

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.)

**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 =	
\$contentsource	

**Answer:**

Box 1:

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

Box 2:

```
Get-SPEnterpriseSearchCrawlContentSource -  
SearchApplication $corpsearchapp
```

Box 3:

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

Explanation:

Note:

\* 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.

### Question: 23

DRAG DROP

You are managing a SharePoint search topology.

An external identity management system handles all user authentication.

SharePoint is not indexing some subdirectories of a public SharePoint site.

You need to ensure that SharePoint indexes the specific subdirectories.

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.)

Answer Area	
Include all items in the path.	
Exclude all items in the path.	
Configure the settings to crawl SharePoint content as HTTP pages.	
Configure the settings to crawl complex URLs.	
Use the default content access account.	
Create a crawl rule that includes the subdirectory path.	
Specify a content access account.	
Specify form credentials.	
<b>Answer:</b>	
1. Create crawl rule that includes items in the subdirectory path.	path.
2. include all	path.
3. Specify a content access account	path.

### **Question: 24**

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)

**Answer: D**

### **Question: 25**

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

---

**Answer: C**

---

### **Question: 26**

---

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.

---

**Answer: B, C**

---

### **Question: 27**

---

#### **HOTSPOT**

A three-tiered SharePoint farm contains two front-end web servers, one application server, and one enterprise database server. The database server is also used by other critical line-of-business applications. You do not have administrative rights on the database server.

The SharePoint content databases are fragmented and are degrading the performance of other databases.

You need to access the correct tools for performing maintenance on the SharePoint content databases.

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

## **Monitoring**



### **Health Analyzer**

[Review problems and solutions](#) | [Review rule definitions](#)



### **Timer Jobs**

[Review job definitions](#) | [Check job status](#)



### **Reporting**

[View administrative reports](#) | [Configure diagnostic logging](#) |  
[Configure usage and health data collection](#) | [View health reports](#)

---

**Answer:**

---

# Monitoring

**Health Analyzer**

Review problems and solutions **Review rule definitions**

**Timer Jobs**

Review job definitions | Check job status

**Reporting**

View administrative reports | Configure diagnostic logging |  
Configure usage and health data collection | View health reports

Explanation:

Note:

Resolution: Enable and run the crawl database defragmentation health rule

Verify that the user account that is performing this procedure is a member of the Farm Administrators group.

In Central Administration, on the home page, click Monitoring.

On the Monitoring page, in the Health Analyzer section, click Review rule definitions.

On the All Rules page, in the Performance section, click Search - One or more crawl databases may have fragmented indices.

If the rule is not enabled, in the Health Analyzer Rule Definitions dialog, click Edit Item on the ribbon. Ensure that the Enabled check box is selected, and then click Save on the ribbon.

On the ribbon, click Run Now.

Click Close.

The rule iterates over all crawl databases in all Search service applications. When it runs, it attempts to perform an online defragmentation first, and then it switches to offline defragmentation where required. In online defragmentation, only the SQL Server leaf pages are defragmented, not the SQL Server locked pages. In offline defragmentation, the locked pages and all the leaf pages are defragmented.

Reference: Search - One or more crawl databases may have fragmented indices (SharePoint 2013)

## Question: 28

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

---

**Answer: D**

---

---

### **Question: 29**

---

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.

---

**Answer: A**

---

---

### **Question: 30**

---

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

---

**Answer: C**

---

---

### **Question: 31**

---

**HOTSPOT**

You are managing a SharePoint farm,

You need to log Microsoft SQL Server 2012 events that occur in the farm.

In Central Administration, which monitoring setting should you configure? (To answer, select the appropriate setting in the answer area.)

# Monitoring




---

**Answer:**

---

# Monitoring



**Explanation:**

Usage and health data collection

**Note:**

\* SharePoint 2013 writes usage and health data to the logging folder and to the logging database. You can use the SharePoint Central Administration website to configure health data collection settings.

\* See step 3 (and 9 – note the reference to SQL authentication).

Configure usage and health data collection by using Central Administration

The usage and health data settings are farm-wide and cannot be set for individual servers in the farm.

To configure usage and health data collection by using Central Administration:

Verify that you have the following administrative credentials:

The user account that performs this procedure has to be a member of the Farm Administrators group.

In Central Administration, on the home page, click Monitoring.

On the Monitoring page, in the Reporting section, click Configure usage and health data collection.

On the Configure usage and health data collection page, in the Usage Data Collection section, select the Enable usage data collection check box.

In the Event Selection section, select the check boxes of the events that you want to log.

In the Usage Data Collection Settings section, type the path of the folder to which you want usage and health

information to be written in the Log file location box. The path that you specify must exist on each server in the farm. These settings are applied to all events.

In the Health Data Collection section, select the Enable health data collection check box. To change the collection schedules, click Health Logging Schedule.

To change log collection schedules, click Log Collection Schedule, and then click any of the timer jobs to change its schedule, or disable that timer job. If you disable a timer job, it stops collecting corresponding log data.

In the Logging Database Server section, to change the authentication method, select either the Windows authentication or SQL authentication option.

## Question: 32

DRAG DROP

You are the administrator of a SharePoint farm that is using a Distributed Cache service cluster.

You add memory to a server named CACHE1 in the Distributed Cache service cluster.

You need to increase the memory allocation of the Distributed Cache service on CACHE1 and avoid loss of cached data on the server.

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.)

Answer Area	
In the Services snap-in, start the AppFabric Caching service.	
Run the <b>Set-CacheHostConfig</b> Windows PowerShell cmdlet.	
Run the <b>Stop-SpDistributedCacheServiceInstance - Graceful</b> Windows PowerShell cmdlet.	
In Central Administration, stop the Distributed Cache service on CACHE1.	
In Central Administration, start the Distributed Cache service on CACHE1.	
In Central Administration, set the Distributed Cache service size for CACHE1.	
In the Services snap-in, stop the AppFabric Caching service.	

## Answer:

Box 1: Run the Stop-SpDistributedCacheServiceInstance-Graceful Windows PowerShell command.

Box 2: Run the Set-CacheHostConfig Windows PowerShell cmdlet.

Box 3: In Central Administration, start the Distributed Cache service on CACHE1.

Explanation:

Note:

\* stop-SpDistributedCacheServiceInstance-Graceful

Stops an instance of the distributed cache service on a local server.

Use the Stop-SPDistributedCacheServiceInstance cmdlet to stop an instance of the distributed cache service on a local

server.

Execution of this cmdlet moves cached items to another server to preserve them. If you stop the distributed service before you stop each instance, cached items are lost. To prevent cached items from being lost, use theGracefulparameter.

\* Set-CacheHostConfig

Updates the configuration settings for a Cache host to the specified values

\* Change the memory allocation of the Distributed Cache

Use this procedure to reconfigure the memory allocation of the cache size of the Distributed Cache service.

Stop the Distributed Cache service on all cache hosts. To stop the Distributed Cache service, go to Services on Server in Central Administration, and Stop the Distributed Cache service on all cache hosts in the farm.

To reconfigure the cache size of the Distributed Cache service, run the following command one time only on any cache host at the Windows PowerShell command prompt:

Update-SPDistributedCacheSize -CacheSizeInMBCacheSize

Where:

CacheSize is the cache size's memory allocation assignment in MB. In the previous example, the cache size was calculated at 7000 MB for a server with 16 GB of total memory.

Restart the Distributed Cache service on all cache hosts. To restart the Distributed Cache service, go to Services on Server in Central Administration, and Start the Distributed Cache service on all cache hosts in the farm.

Reference: Stop-SPDistributedCacheServiceInstance

Reference: Manage the Distributed Cache service in SharePoint Server 2013

---

### **Question: 33**

You are managing a SharePoint farm.

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

What should you use?

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

---

**Answer: A**

---

---

### **Question: 34**

HOTSPOT

A company has a SharePoint site located at <http://contoso.com>.

You are creating a managed path named training.

You need to ensure that several site collections can be created under the managed path.

On the Define Managed Paths page, how should you configure the managed path? (To answer, select the appropriate settings from the drop-down lists in the answer area.)

**Add a New Path**

Specify the path within the URL namespace to include. You can include an exact path, or all paths subordinate to the specified path.

Use the **Check URL** link to ensure that the path you include is not already in use for existing sites or folders, which will open a new browser window with that URL.

**Add a New Path**

Specify the path within the URL namespace to include.

You can include an exact path, or all paths subordinate to the specified path.

Use the **Check URL** link to ensure that the path you

Path:

[Check URL](#)

Note: To indicate the root path for this web application, type a slash (/).

Type:

Path:

[Check URL](#)

training  
 contoso.com/training  
 training.contoso.com

Note: To indicate the root path for this web application, type a slash (/).

Type:

Explicit inclusion  
 Implicit inclusion  
 Wildcard inclusion

include is not already in use for existing sites or folders, which will open a new browser window with that URL.

---

**Answer:**

---

**Add a New Path**

Specify the path within the URL namespace to include.

Path:

contoso.com/training  
 training.contoso.com

[Check URL](#)

You can include an exact path, or all paths subordinate to the specified path.

Use the **Check URL** link to ensure that the path you

Note: To indicate the root path for this web application, type a slash (/).

Type:

- Explicit inclusion
- Implicit inclusion
- Wildcard inclusion

include is not already in use for existing sites or folders, which will open a new browser window with that URL.

[Add Path](#)

Explanation:

Note:

- \* The path is named training
  - \* The Wildcard inclusion type includes all paths that are subordinate to the specified path. The Explicit inclusion type includes only the site that is indicated by the specified path. Sites subordinate to the specified path are not included.
- Reference: Define managed paths for a web application by using Central Administration

**Question: 35****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 save changes to documents on the server.

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

---

**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

**Explanation:**

**Note:**

- \* Scan documents on upload—Scans documents being uploaded to SharePoint Portal Server. It is enabled by default.
- \* Scan documents on download—Scans documents being downloaded from SharePoint Portal Server. It is enabled by default.
- \* Allow users to download infected documents—Allows users to download infected documents. If left cleared, all infected documents are blocked. It is disabled by default.
- \* Attempt to clean infected documents—Allows FSSP to clean infected documents, if possible. If FSSP is unable to clean an infected file, it will be reported as infected and SharePoint Portal Server will block the file. If the infected file is nested, FSSP will remove the infected nested file (if it cannot be cleaned). If this option is cleared, Forefront Security for SharePoint will mark detected files as infected and SharePoint Portal Server will block them. It is enabled by default.

Reference: SharePoint Realtime Scan Job

---

### **Question: 36**

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.

---

**Answer: A, B**

---

**Explanation:**

**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.

---

### **Question: 37**

---

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.

---

**Answer: D**

---

---

### **Question: 38**

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**DRAG DROP**

Contoso has a SharePoint environment that contains two servers named SP1 and SP2.

The public website must automatically balance the load between SP1 and SP2.

Internet users must be able to access the site through a Microsoft Forefront Unified Access Gateway with an off-box SSL termination.

Internal auditors must be able to access SP2 through port 8080.

You need to configure alternate access mappings.

How should you configure the alternate access mappings? (To answer, drag the appropriate URLs to the correct target or targets in the answer area. Each URL 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.)

Answer Area		
Internal URL	Zone	External URL
http://www.contoso.com	Default	
https://www.contoso.com	Internet	
http://sp2.contoso.com:8080	Custom	
http://sharepoint.contoso.com		

**Answer:**

Internal URL	Zone	External URL
http://sharepoint.contoso.com	Default	http://sharepoint.contoso.com
http://sharepoint.contoso.com	Internet	https://www.contoso.com
http://sp2.contoso.com:8080	Custom	http://sp2.contoso.com:8080

Explanation:

Note:

\* Off-box termination of SSL is when a proxy server terminates an SSL request and then forwards the request to a Web server by using HTTP. In this case, alternate access mappings can be configured to return these requests using SSL, thus maintaining secure communication between the client and the proxy server.

\* Example:



### Question: 39

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?

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

---

**Answer: B**

---

**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: 40**

---

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

---

**Answer: B**

---

Explanation:

Ref: <http://technet.microsoft.com/en-us/library/cc721640.aspx>

---

### **Question: 41**

---

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

---

**Answer: D**

---

---

### **Question: 42**

---

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

---

**Answer: C**

---

---

### **Question: 43**

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**HOTSPOT**

You are managing multiple SharePoint sites. All users can access the home page on the root SharePoint site. When users try to access a subsite, they receive an error message stating that the site has not been shared with them. You need to allow users to request access to the subsite.

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

# Site Settings

## Users and Permissions

- [People and groups](#)
- [Site permissions](#)
- [Site collection administrators](#)
- [Site app permissions](#)

---

**Answer:**

---

# Site Settings

## Users and Permissions

- [People and groups](#)
- [Site permissions](#)
- [Site collection administrators](#)
- [Site app permissions](#)

---

**Question: 44**

---

**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.)

Answer Area	
In the root site for the intranet, enable the setting to use additional content databases.	
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.	
In Central Administration, create a managed path for the web application.	

**Answer:**

- \* Create managed path for the site  
\* In a content database separate from that of the intranet site  
\* In the root site for the site collection, grant permissions  
Reference: Define managed paths in SharePoint Server 2013

**Question: 45**

**DRAG DROP**

You are the administrator of a SharePoint farm. The search index for the farm contains approximately 10 million items. Performance reports indicate that search queries have high latency times and content crawls are slow. You add a new SharePoint server to the farm.

You need to configure the new server to add a new index component to the search topology.

Which four 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.)

Answer Area	
Clone the topology.	
Start the search service instance.	
Activate the topology.	
Restart the search service instance.	
Add an index partition and an index replica.	
Add an index component and an index partition.	

**Answer:**

Box 1: Start the search service instance

Box 2: Clone the topology

Box 3: Add an index component and an index partition

Box 4: Activate the topology.

Explanation:

Note:

\* Manage search components in SharePoint Server 2013

Start a search service instance on a server

Retrieve the active search topology

Clone the active search topology

Add a search component

Remove a search component

Move a search component

Activate a search topology

\* To make any changes to the search topology in a search installation that has items in the search index, you first have to create a new topology object. You modify this new topology object, a clone of the active topology, by adding or removing search components. After you have made the changes to the clone topology object, you make the clone the active topology.

\* (incorrect)

You add an index replica to the search topology to achieve fault tolerance for an existing index partition.

Reference: Manage search components in SharePoint Server 2013

Reference: Manage the index component in SharePoint Server 2013

---

### **Question: 46**

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**DRAG DROP**

You are managing a SharePoint search topology.

You need to index custom entity extractor types (tokenized content) in unstructured documents.

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.)

Answer Area	
Create a comma-separated word extraction dictionary.	
Modify the search service to include the extraction dictionary.	
Import the file by running the <b>Set-SPEnterpriseSearchCrawlContentSource</b> Windows PowerShell cmdlet.	
Import the file by running the <b>Import-SPEnterpriseSearchCustomExtractionDictionary</b> Windows PowerShell cmdlet.	
Modify the search schema to include the extraction dictionary.	
Create a tab-separated word part extraction dictionary.	
Create a comma-separated word part extraction dictionary.	
Create a tab-separated word extraction dictionary.	

**Answer:**

Box 1: Create a comma-separated word extraction dictionary.

Box 2: Import the file by running the **Import-SpEnterpriseSearchCustomExtractionDictionary** Windows PowerShell cmdlet.

Box 3: Modify the search schema to include the extraction dictionary.

**Explanation:**

Note: custom entity extractor types

\* (box 1) To create a custom entity extraction dictionary

1. Determine which type of custom entity extraction dictionary you want to create: Word, Word Part, Word exact or Word Part exact.

2. Create a .csv file with the columns Key and Display Form.

\* Custom entity extractor / custom entity extractor dictionary

/ Word Extraction

Case-insensitive, dictionary entries matching tokenized content, maximum 5 dictionaries.

/ Word Part Extraction

Case-insensitive, dictionary entries matching un-tokenized content, maximum 5 dictionaries.

/ Word Exact Extraction

/ Word Part Exact Extraction

\* (box 2) To deploy the custom entity extraction dictionary, you must import it into SharePoint 2013.

To import a custom entity extraction dictionary

Verify that the user account that is importing the custom entity extractor dictionary is an administrator for the Search service application.

Start the SharePoint 2013 Management Shell.

At the Windows PowerShell command prompt, type the following command:

```
$searchApp = Get-SPEnterpriseSearchServiceApplication  
Import-SPEnterpriseSearchCustomExtractionDictionary –SearchApplication $searchApp –Filename <Path> –  
DictionaryName<Dictionary name>  
* Import-SPEnterpriseSearchCustomExtractionDictionary  
Imports a custom entity extraction dictionary.  
This cmdlet imports a custom entity extraction dictionary from a .csv file. In order to activate custom entity extraction you must also configure entity extraction in the search schema (box 3).  
* (box 3) Configure a managed property for custom entity extraction  
To edit a managed property for custom entity extraction  
Verify that the user account is the administrator of the Search service application.  
In Central Administration, in the Application Management section, click Manage service applications.  
Click the Search service application.  
On the Search Administration page, in the Quick Launch, under Queries and Results, click Search Schema.  
On the Managed Properties page, find the managed property that you want to associate the custom entity extraction dictionary with that contains the single or multiple words (or word parts). You can also enter the name of the managed property in the Filter box.  
Point to the managed property, click the arrow and then click Edit/Map property.  
On the Edit Managed Property page, edit the settings under Custom entity extraction. Select the custom entity extraction dictionary that you have imported, and then click OK.  
Reference: Import-SPEnterpriseSearchCustomExtractionDictionary  
Reference: Create and deploy custom entity extractors in SharePoint Server 2013
```

---

## **Question: 47**

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### **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.)

#### **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

---

**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

---

### **Question: 48**

---

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

---

**Answer: C**

---

---

### **Question: 49**

---

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.

---

**Answer: C**

---

**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: 50**

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**DRAG DROP**

You install and deploy a SharePoint 2013 farm, and then use the database-attach method to upgrade from a SharePoint 2010 farm to the SharePoint 2013 farm.

You need to upgrade a SharePoint 2010 site collection to a SharePoint 2013 site collection.

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.)

Answer Area
Run a site collection health check.
Create an upgrade evaluation site.
Perform a site collection upgrade.
Change the self-service upgrade settings.
Verify that the upgrade was successful and the site works as expected.

**Answer:**

Box 1: Run a site collection health check.

Box 2: Perform a site collection upgrade.

Box 3: Verify that the upgrade was successful and the site works as expected.

Note:

\* To upgrade a site collection, site collection administrators complete the following steps:

1. Run the site collection health checks to verify the site is ready to upgrade.
2. Create an upgrade evaluation site to preview the differences between versions. (Optional)
3. Upgrade the site collection.

4. Verify that upgrade was successful and the site works as expected.

\* After a server farm administrator has upgraded the databases, site collection administrators can upgrade individual site collections. When site collection administrators first browse to their sites after the database has been upgraded, a notification bar at the top of the site indicates that their sites can be upgraded. The choices are to Start now or Remind me later. Start now begins the site collection upgrade process.

Reference: Upgrade a site collection to SharePoint 2013

**Question: 51**

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

**Answer: B, E**

**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.  
Ref: [http://technet.microsoft.com/en-us/library/jj679902.aspx#BKMK\\_MapCPToRefinableMP](http://technet.microsoft.com/en-us/library/jj679902.aspx#BKMK_MapCPToRefinableMP)

---

**Question: 52**

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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?

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.

---

**Answer: A**

---

**Question: 53**

---

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.  
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.

**Answer: B**

---

### **Question: 54**

---

DRAG DROP

A company has a multi-tenant SharePoint environment that includes a web application named WebApp1. WebApp1 is not secure.

The company plans to install SharePoint apps that allow all tenants access to custom applications.

You need to ensure that WebApp1 can host the SharePoint apps over a secure URL.

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.)

Answer Area	
Install the SSL certificate on the SharePoint servers.	
Configure IIS to bind the WebApp1 website to the SSL certificate.	
Configure the SSL certificate in Central Administration.	
Use claims-based authentication to secure user accounts.	
Create an SSL certificate.	
Configure IIS to use Kerberos authentication.	

**Answer:**

Box 1: Create an SSL certificate.

Box 2: Install the SSL certificate on the SharePoint servers.

Box 3: Configure IIS to bind the WebApp1 website to the SSL certificate.

Explanation:

Note:

Example:

Create Self Signed Certificate on IIS 8

Import Self Signed Certificate to SharePoint Certificate store

Add Self Signed Certificate to trust management in Central Administration

Configure IIS Binding

Reference: Configure SSL for SharePoint 2013

**Question: 55****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.)

Answer Area	
Level	Service
High	Business Connectivity Services
Medium	Word Automation Services
Monitorable	
Unexpected	
Verbose	Search service

**Answer:**

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

**Question: 56**

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.

**Answer: D****Question: 57**

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

---

**Answer: C**

---

### Question: 58

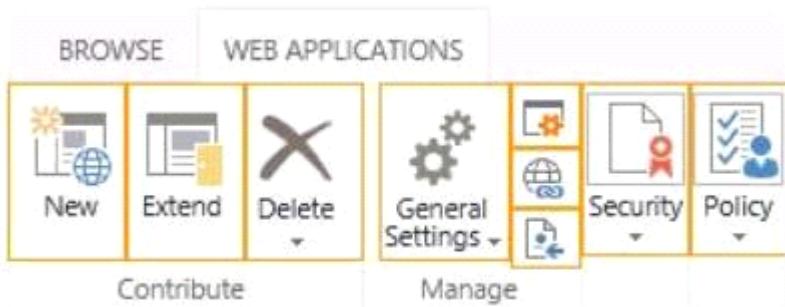
---

#### HOTSPOT

You are managing a web application named App1.

You need to configure App1 to allow anonymous access.

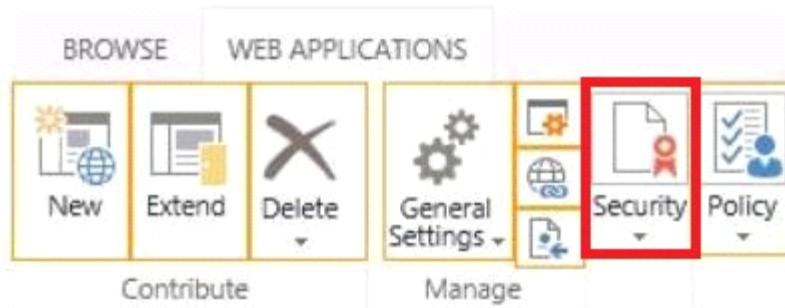
Which web application settings should you configure? (To answer, select the appropriate element in the answer area.)




---

**Answer:**

---




---

### Question: 59

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.

---

**Answer: B, F**

---

Explanation:

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: Configure incoming email for a SharePoint 2013 farm

---

## Question: 60

---

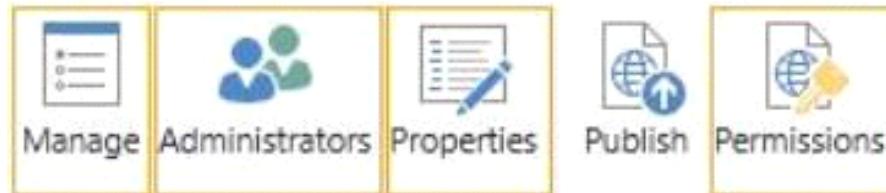
HOTSPOT

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.)



---

**Answer:**

---



---

## Question: 61

---

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

---

**Answer: D**

---

### **Question: 62**

---

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.)

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

---

**Answer:**

---

<b>Requests</b>	Scenarios	Animation	MDS
-----------------	-----------	-----------	-----

Request (GET: http://srv2013:80/Pages/default.aspx)

**Request (GET: http://srv2013:80/Style%20Library/en-US/Themable/Core%20Styles/pagelayouts/15/\_controlstable.aspx)**

Request (GET: http://srv2013:80/Style%20Library/en-US/Themable/Core%20Styles/controls15.css)

Request (GET: http://srv2013:80/\_layouts/15/devdash.aspx)

Server Info	Scopes	SQL	SPRequests	Asserts	Service Calls	<b>ULS</b>	Cache Calls
-------------	--------	-----	------------	---------	---------------	------------	-------------

### **Question: 63**

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

**Answer: B**

### **Question: 64**

#### **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.)

The image shows the SharePoint Central Administration ribbon navigation bar. It includes sections for Health Analyzer, Timer Jobs, and Reporting, each with associated links.

**Health Analyzer**  
Review problems and solutions **Review rule definitions**

**Timer Jobs**  
**Review job definitions** **Check job status**

**Reporting**  
View administrative reports **Configure diagnostic logging**  
Configure usage and health data collection | View health reports

---

**Answer:**

Explanation:

Configure Diagnostic Logging

---

### Question: 65

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.

---

**Answer: B**

---

### Question: 66

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

---

**Answer: C**

---

### Question: 67

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.)

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

---

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

---

Question: 68

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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

---

**Answer: B, C, D**

---

Explanation:

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

Incorrect:

Not A: Minimum requirements for a single server with built-in database:

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

Note: no need of a SQL server (can use the builtinSharepoint database server)

Reference: Hardware and software requirements for SharePoint 2013

---

### **Question: 69**

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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

---

**Answer: A**

---

---

### **Question: 70**

---

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.)



**Answer:**



### **Question: 71**

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 Sales require Full Control permissions for the web application.

You need to begin 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.)



**Answer:**



---

### **Question: 72**

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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.

---

**Answer: C**

---

---

### **Question: 73**

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**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.

	<b>Yes</b>	<b>No</b>
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"/>

---

**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="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 checked="" 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 checked="" type="radio"/>	<input type="radio"/>

**Question: 74**

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

**Answer: A**

Explanation:

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: 75**

DRAG DROP

You are configuring permission levels for two user groups named Managers and Editors.

You have the following requirements for SharePoint site permissions:

Managers must be able to view website usage reports.

Editors 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.)

<b>Permission Levels</b>		<b>Answer Area</b>	
		<b>Group</b>	<b>Permission level</b>
Apply Style Sheets		Managers	permission level
Manage Lists		Editors	permission level
Manage Web Site			
Use Client Integration Features			
View Web Analytics Data			

---

**Answer:**

---

**Answer Area**

<b>Group</b>	<b>Permission level</b>
Managers	View Web Analytics Data
Editors	Use Client Integration Features

**Explanation:**

- \* There is a new permission level, "View Web Analytics Data" that will allow users to access these reports without having to give them Administrator privileges.
  - \* Use Client Integration features
- Use features that start client applications. Without this permission, users must work on documents locally and then upload their changes.

---

**Question: 76**

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**DRAG DROP**

You have a SharePoint Server 2013 server farm.

You have a web application named Web1 that contains three site collections named Site1, Site2, and Site3.

Site3 contains several content types. Site3 has the Content Type Syndication hub feature enabled.

You create a Managed Metadata Service application named MMS1.

You need to ensure that users can use the content types from Site3 in Site1 and Site2.

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

Actions	Answer Area
Configure a proxy connection for MMS1.	
Publish the content types.	
Activate the Cross-Site Collection Publishing feature in Site3.	
Activate the Content Type Syndication feature in Site1 and Site2.	
Configure the properties of MMS1.	
Publish the Managed Metadata Service application.	

**Answer:**

Box 1:

Activate the Content Type Syndication feature in Site1 and Site2.

Box 2:

Publish the Managed Metadata Service application.

Box 3:

Publish the content types.

Explanation:

Reference: Understanding Content Type Hub (CTH) in SharePoint 2013

## **Question: 77**

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.

**Answer: A**

Explanation:

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: 78**

**DRAG DROP**

You are the administrator for a SharePoint 2010 farm. You install and deploy a SharePoint 2013 farm. The SharePoint 2013 farm must use the content from the SharePoint 2010 farm. You need to upgrade from SharePoint 2010 mode to SharePoint 2013 mode. Which four actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Actions	Answer Area
Set the SharePoint 2010 content databases to <b>Read-Only</b> . Then back up the content databases from the SharePoint 2010 farm and copy the backups to the SharePoint 2013 farm.	
Restore the SharePoint 2010 content databases to the Microsoft SQL Server instance in the SharePoint 2013 farm.	
Create a web application in the SharePoint 2013 farm for each web application in the SharePoint 2010 farm. Attach the content databases to the web applications.	
Set the content databases to <b>Read/Write</b> in the SharePoint 2013 farm.	
Run site collection health checks in the SharePoint 2013 farm.	
Upgrade individual site collections in the SharePoint 2013 farm.	

**Answer:**

Box 1:

Set the SharePoint 2010 content databases to **Read-Only**. Then back up the content databases from the SharePoint 2010 farm and copy the backups to the SharePoint 2013 farm.

Box 2:

Restore the SharePoint 2010 content databases to the Microsoft SQL Server instance in the SharePoint 2013 farm.

Box 3:

Set the content databases to **Read/Write** in the SharePoint 2013 farm.

Box 4:

Upgrade individual site collections in the SharePoint 2013 farm.

**Explanation:**

**Note:**

- \* (step 1) Create new farm, set old farm to read-only
- \* (step 2) With the farm and databases in read-only mode, a server farm administrator backs up the content and service application databases from the SQL Server instance on the SharePoint 2010 Products farm.
- \* (step 3) The server farm administrator restores a copy of the databases to the SQL Server instance on the SharePoint

2013 farm and sets the databases to read-write on the new farm.

\* (Step 4) The final stage in the upgrade process is to upgrade the site collections.



### Question: 79

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

**Answer: C**

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.

### Question: 80

HOTSPOT

You have a SharePoint Server 2013 server farm.

You need to implement a site mailbox for a site.

Which link should you use from Site Contents? (To answer, select the appropriate link in the answer area.)

**Answer Area**

## Site Contents

Lists, Libraries, and other Apps

SITE WORKFLOWS

SETTINGS

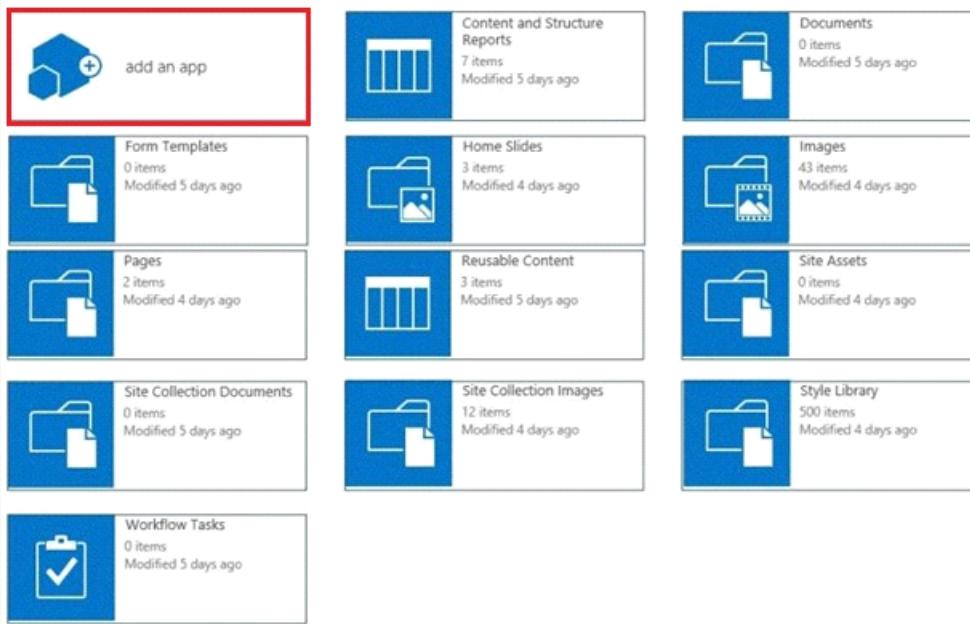
RECYCLE BIN (0)

 add an app	 Content and Structure Reports 7 items Modified 5 days ago	 Documents 0 items Modified 5 days ago
 Form Templates 0 items Modified 5 days ago	 Home Slides 3 items Modified 4 days ago	 Images 43 items Modified 4 days ago
 Pages 2 items Modified 4 days ago	 Reusable Content 3 items Modified 5 days ago	 Site Assets 0 items Modified 4 days ago
 Site Collection Documents 0 items Modified 5 days ago	 Site Collection Images 12 items Modified 4 days ago	 Style Library 500 items Modified 4 days ago
 Workflow Tasks 0 items Modified 5 days ago		

**Answer:**

**Answer Area****Site Contents**

Lists, Libraries, and other Apps

[SITE WORKFLOWS](#) [SETTINGS](#) [RECYCLE BIN \(0\)](#)
**Explanation:****Note:**

Create the site mailbox

When you've decided that it is beneficial to have a site mailbox, creating one is very straight-forward. Every time you create a new site in SharePoint 2013 you see the option in the "Get started with your site" menu to "Keep email in context". Clicking this tile installs the site mailbox app on your SharePoint team site. If you don't see this option on your site just click "Site Contents", and add the "Site Mailbox" app under the app listings.

**Question: 81****HOTSPOT**

Your company has a SharePoint Server 2013 server farm.

Users report that they cannot add iframes to SharePoint pages that point to content on external websites.

You need to ensure that the users can add content to iframes from a list of predefined external sites.

What should you configure? (To answer, select the appropriate link in the answer area.)

## Answer Area

### Site Collection Administration

Recycle bin
Search Result Sources
Search Result Types
Search Query Rules
Search Schema
Search Settings
Search Configuration Import
Search Configuration Export
Site collection features
Site hierarchy
Site collection audit settings
Audit log reports
Portal site connection
Content Type Policy Templates
Storage Metrics
Site collection app permissions
Site Policies
Popularity and Search Reports
Content type service application error log
Content type publishing
HTML Field Security
Help settings
SharePoint Designer Settings
Site collection health checks
Site collection upgrade

Answer:

**Answer Area**

Site Collection Administration

Recycle bin
Search Result Sources
Search Result Types
Search Query Rules
Search Schema
Search Settings
Search Configuration Import
Search Configuration Export
Site collection features
Site hierarchy
Site collection audit settings
Audit log reports
Portal site connection
Content Type Policy Templates
Storage Metrics
Site collection app permissions
Site Policies
Popularity and Search Reports
Content type service application error log
Content type publishing
<b>HTML Field Security</b>
Help settings
SharePoint Designer Settings
Site collection health checks
Site collection upgrade

Note: In regards to the cross-domain comments, even if it is cross-domain, you can allow the target domain under Site Collection Settings, HTML Field Security.

**Question: 82****HOTSPOT**

You are a SharePoint farm administrator.

When you attempt to navigate to the SharePoint home page, you receive an application error message that includes a correlation ID. The diagnostic logs do not contain the error corresponding to the correlation ID.

You need to adjust the diagnostic logging level to capture all events.

Which least critical event should you select? (To answer, select the appropriate event from the drop-down list.)

**Answer Area**

Least critical event to report to the trace log

**Answer Area**

Least critical event to report to the trace log

Reset to default  
None  
Unexpected  
Monitorable  
High  
Medium  
Verbose

**Answer:****Answer Area**

Least critical event to report to the trace log

Reset to default  
None  
Unexpected  
Monitorable  
High  
Medium  
Verbose

**Explanation:**

Note: In regards to the cross-domain comments, even if it is cross-domain, you can allow the target domain under Site Collection Settings, HTML Field Security.

---

**Question: 83**

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DRAG DROP

You have a SharePoint Server 2013 server farm.

You plan to monitor the following:

Web page performance

Crawl database fragmentation

You need to identify which tools to use to monitor the farm.

Which tools should you identify? (To answer, drag the appropriate tools the correct monitoring objectives. Each tool 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.)

Tools	Answer Area
Developer Dashboard	Web page performance: Tool
Performance Monitor	Crawl database fragmentation: Tool
SharePoint Health Analyzer	
Stsadm	

## Answer Area

Web page performance: Developer Dashboard

Crawl database fragmentation: SharePoint Health Analyzer

### Explanation:

\* The Developer Dashboard is an instrumentation framework introduced in Microsoft SharePoint Foundation 2010. Similar in concept to ASP.NET page tracing, it provides diagnostic information that can help a developer or system administrator troubleshoot problems with page components that would otherwise be very difficult to isolate.

\* SharePoint Health Analyzer

This article describes the SharePoint Health Analyzer rule for Search service application crawl database defragmentation. The fragmentation of crawl data indexes occurs on a different level than regular disk fragmentation. It occurs in each crawl database as data is created, updated, or deleted during normal crawl activity. When you run the health rule, the system makes used storage contiguous, eliminates unused storage, and compacts the database.

## Question: 84

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

A user receives an application error message that includes a Correlations.

You need to identify the cause of the error.

What should you do?

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

---

**Answer: A**

**Explanation:**

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

## Question: 85

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

---

**Answer: D**

---

**Explanation:**

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: 86**

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**DRAG DROP**

You plan to deploy a SharePoint Server 2013 server farm.

Three users named User1, User2, and User3 will perform administrative tasks.

You need to identify to which group the users must be assigned to ensure that the users can perform the following tasks:

User1 must be able to configure application domains.

User2 must be able to organize enterprise keywords.

User3 must be able to manage blocked file types.

The solution must minimize the number of privileges assigned to each user.

To which group should you assign each user? (To answer, drag the appropriate groups to the correct users. Each group 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.)

<b>Groups</b>	<b>Answer Area</b>
Access Services administrators	User1: <input type="text"/> Group
Domain Admins	User2: <input type="text"/> Group
Farm Administrators	User3: <input type="text"/> Group
local Administrators	
Managed Metadata Service administrators	
User Profile Service Application administrators	

---

**Answer:**

---

---

**User1:** Farm Administrators

---

**User2:** Managed Metadata Service administrators

---

**User3:** Farm Administrators

---

Note:

\* User1

/ User1 must be able to configure application domains.

/ Farm Administrators

Members of the Farm Administrators group have Full Control permissions to and responsibility for all servers in the server farm. Members can perform all administrative tasks in Central Administration for the server or server farm. They can assign administrators to manage service applications, which are instances of shared services. This group does not have access to individual sites or their content.

\* User2

/ User2 must be able to organize enterprise keywords.

/ Managed metadata service, is allows to use managed metadata and share content types on Site collections and Web application level. Managed meta data service application publishes term store, content types in site collection/Web application level and a managed metadata connection in share point.

\* User3

/ User3 must be able to manage blocked file types.

---

### **Question: 87**

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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

---

**Answer: D**

---

Explanation:

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: 88**

---

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.

---

**Answer: B**

Explanation:

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>.

---

### **Question: 89**

DRAG DROP

You have a SharePoint Server 2013 server farm that contains a single server. The farm has a User Profile Service Application named App1.

You need to configure delegated administration for the farm.

The solution must meet the following requirements:

A user named User1 must be able to manage audiences for App1.

A user named User2 must be able to create web applications.

The number of assigned permissions must be minimized.

To which group should you assign each user? (To answer, drag the appropriate groups to the correct users. Each group 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.)

Groups	Answer Area	
Farm Administrators	User1:	Group
Managed Metadata Service administrators	User2:	Group
site collection administrators		
User Profile Service Application administrators		

---

**Answer:**

### **Answer Area**

User1: User Profile Service Application administrators

User2: Farm Administrators

---

### **Question: 90**

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://webl.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.

**Answer: B**

Explanation:

\* Operation name: Setsiteuseraccountdirectorypath

Sets the site user account directory path to a specific organizational unit (OU) in the same domain when the url and pathparameters 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](http://server_name)

### **Question: 91**

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.

<b>Component name</b>	<b>Role</b>	<b>Location</b>
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? 0"o 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.)

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

---

**Answer:**

Firewall1:	80	443
Firewall2:	1433	389

**Explanation:**

80: HTTP

443: HTTPS

The default SQL Server port is 1433

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

---

**Question: 92**

You have a SharePoint Server 2013 server farm.

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

What should you use?

- A.The administrative reports
- B.The SharePoint trace logs
- C.The site collection health checks
- D.The SharePoint Health Analyzer

---

**Answer: B**

---

**Question: 93****DRAG DROP**

You are planning the search components for a SharePoint Server 2013 server farm.

You have a content source named CS1 that contains all of the local SharePoint content.

You upload a display template named DT1.

You need to configure searches to meet the following requirements:

If a user types a search query that contains the word slidedeck, the search results must include only files that have

either the .ppt file extension or the .pptx file extension.

The local SharePoint content must be indexed one document at a time.

DT1 must be used to display results that have the .mp4 file extension.

Which components should you use to achieve each requirement? (To answer, drag the appropriate components to the correct requirements. Each component 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.)

### Components

authoritative pages

crawler impact rules

query rules

result sources

result types

### Answer Area

If a user types a search query that contains the word slidedeck, the search results must include only files that have either the .ppt file extension or the .pptx file extension.

Component

The local SharePoint content must be indexed one document at a time.

Component

DT1 must be used to display results that have the .mp4 file extension.

Component

### Answer:

If a user types a search query that contains the word slidedeck, the search results must include only files that have either the .ppt file extension or the .pptx file extension.

query rules

The local SharePoint content must be indexed one document at a time.

crawler impact rules

DT1 must be used to display results that have the .mp4 file extension.

result types

### Explanation:

#### Note:

\*query rules

Without any custom code, you can help searches respond to the intent of your users by creating query rules. In a query rule, you specify conditions and correlated actions. When a query meets the conditions, the search system performs the actions to improve the relevance of the search results.

\* crawler impact rule

Applies To: Office SharePoint Server 2007

A crawler impact rule defines the rate at which the Windows SharePoint Services Help Search service requests documents from a Web site during crawling. The rate can be defined either as the number of simultaneous documents requested or as the delay between requests.

You can use crawler impact rules to modify loads placed on sites when you crawl them.

\* Result type

To display search results differently, search results have to be sorted into different result types. A result type distinguishes one search result from another. For example, if a search result is found in a Microsoft Word document, that search result belongs to the Microsoft Word result type. If a search result is found in a PDF file, that search result belongs to the PDF result type.

### Question: 94

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?

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

---

**Answer: A**

---

Explanation:

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.

---

### **Question: 95**

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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

---

**Answer: D**

---

Explanation:

The synchronization account for a connection to Active Directory Domain Services (AD DS) must have the following permissions:

It must have Replicate Directory Changes permission on the domain with which you'll synchronize.

Note: The Replicate Directory Changes permission enables the synchronization account to read AD DS objects and to discover AD DS objects that have been changed in the domain. The Grant Replicate Directory Changes permission does not enable an account to create, modify or delete AD DS objects.

---

### **Question: 96**

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**DRAG DROP**

You need to optimize the storage of a SharePoint Server 2013 server farm to meet the following requirements:

Ensure that files that are larger than 100 MB are stored outside of the Microsoft SQL Server database.

Ensure that files that are accessed frequently are cached on the front-end Web servers.

What should you use? (To answer, drag the appropriate technologies to the correct requirements. Each technology 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.)

Technologies	Answer Area
BLOB cache	Ensure that files that are larger than 100 MB are stored outside of the Microsoft SQL Server database.
object caching	
Remote BLOB Storage (RBS)	Ensure that files that are accessed frequently are cached on the front-end Web servers.
shredded storage	

**Answer:**

Ensure that files that are larger than 100 MB are stored outside of the Microsoft SQL Server database.

Remote BLOB Storage (RBS)

Ensure that files that are accessed frequently are cached on the front-end Web servers.

BLOB cache

**Explanation:****Note:**

\* Remote Blob Storage

SQL Server Remote BLOB Store (RBS) is an optional add-on component that lets database administrators store binary large objects in commodity storage solutions instead of directly on the main database server.

\* SharePoint Server 2013 provides a disk-based cache that stores files that are used by web pages to help them load quickly in the browser, and reduces the load on the database server when it uses those files. These files are known as binary large objects (BLOBs), and the cache is known as the BLOB cache. The BLOB cache is stored directly on the hard disk drive of a front-end web server computer.

**Question: 97****HOTSPOT**

You have a SharePoint Server 2013 server farm.

You plan to create three web applications that must meet the requirements described in the following table.

Web application name	Requirement
WebApp1	The site collection for WebApp1 will be created from Central Administration.
WebApp2	Alternate access mappings must be supported for the site collection.
WebApp3	WebApp3 will host My Site personal sites. The sites will be created by using self-service site creation.

In the table below, identify which type of site collection must be used for each web application. Make only one selection in each row.

**Answer Area**

Web application name	Host-named site collection	Path-based site collection
WebApp1	<input type="radio"/>	<input type="radio"/>
WebApp2	<input type="radio"/>	<input type="radio"/>
WebApp3	<input type="radio"/>	<input type="radio"/>

**Answer:****Answer Area**

Web application name	Host-named site collection	Path-based site collection
WebApp1	<input checked="" type="radio"/>	<input type="radio"/>
WebApp2	<input type="radio"/>	<input checked="" type="radio"/>
WebApp3	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

Note:

\* Host-named site collection

Host-named site collections are the preferred method to deploy sites in SharePoint 2013. Because the Office 365 environment uses host-named site collections, new features are optimized for these site collections and they are expected to be more reliable.

\* Path-named site collection

Use path-named collections when you need to use alternate access mappings (AAMs).

**Question: 98**

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

<b>Site collection name</b>	<b>Allow the pages in _layouts to use the site master page</b>	<b>Authentication mode</b>
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

---

**Answer: D**

---

Explanation:

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.

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### **Question: 99**

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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

---

**Answer: A**

---

Explanation:

You can view existing display templates in Design Manager, but you don't create them in Design Manager the way that you create master pages and page layouts. Instead, you:

- \* Open your mapped network drive to the Master Page Gallery.
- \* Open one of the four folders in the Display Templates folder.
- \* Copy the HTML file for an existing display template that's similar to what you want. The exact location that you copy the file to does not matter, as long as it is in the Master Page Gallery.
- \* Open and modify your copy in an HTML editor.

---

### **Question: 100**

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HOTSPOT

You have a SharePoint Server 2013 server farm that contains a web application named WebApp1. WebApp1 contains 10 site collections.

All of the users who use the farm belong to the same Active Directory domain.

You plan to assign the Deny All permission policy for WebApp1 to the Domain Users group.

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

	Yes	No
Site collection administrators will be able to upload documents to the site collections.	<input type="radio"/>	<input type="radio"/>
Farm administrators will be able to upload documents to the site collections.	<input type="radio"/>	<input type="radio"/>
Site owners will be able to upload documents to the site collections.	<input type="radio"/>	<input type="radio"/>

**Answer:**

	Yes	No
Site collection administrators will be able to upload documents to the site collections.	<input type="radio"/>	<input checked="" type="radio"/>
Farm administrators will be able to upload documents to the site collections.	<input type="radio"/>	<input checked="" type="radio"/>
Site owners will be able to upload documents to the site collections.	<input type="radio"/>	<input checked="" type="radio"/>

### Question: 101

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

---

**Answer: A**

**Explanation:**

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

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### **Question: 102**

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.

---

**Answer: A**

**Explanation:**

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.

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### **Question: 103**

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

---

**Answer: D**

## Question: 104

DRAG DROP

You have a SharePoint Server 2013 server farm.

The farm has four front-end Web servers.

You have a master page named Contoso.master. The master page contains an image file that is 50 KB.

You need to recommend a solution to cache content.

The solution must meet the following requirements:

The image must be stored physically on each front-end Web server.

Authentication information must be cached and replicated on all of the font-end Web servers.

The pages generated by using Contoso.master and all of the page layouts must be stored in the memory of each front-end Web server.

Which caching mechanism should you recommend for each requirement? (To answer, drag the appropriate caching mechanisms to the correct requirements. Each caching mechanism 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.)

### Caching Mechanisms

- a BLOB cache
- a distributed cache
- Microsoft SQL Server query caching
- an output cache

### Answer Area

The image must be stored physically on each front-end Web server.

Caching mechanism

Authentication information must be cached and replicated on all of the font-end Web servers.

Caching mechanism

The pages generated by using Contoso.master and all of the page layouts must be stored in the memory of each front-end Web server.

Caching mechanism

## Answer:

### Answer Area

The image must be stored physically on each front-end Web server.

a BLOB cache

Authentication information must be cached and replicated on all of the font-end Web servers.

a distributed cache

The pages generated by using Contoso.master and all of the page layouts must be stored in the memory of each front-end Web server.

an output cache

Explanation:

Note:

\* Blob Cache

The BLOB cache is stored directly on the hard disk drive of a front-end web server computer.

\* distributed cache

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.

\* output cache/page output cache

The page output cache stores the rendered output of a page. It also stores different versions of the cached page, based on the permissions of the users who are requesting the page.

## Question: 105

**HOTSPOT**

You are planning the capacity of a SharePoint Server 2013 server farm.

In the table below, identify which requirements can be implemented in SharePoint Server 2013. Make only one selection in each row.

Requirement	Can be implemented	Cannot be implemented
A web application that has 10 different zones	<input type="radio"/>	<input type="radio"/>
A view that displays 3,000 items	<input type="radio"/>	<input type="radio"/>
A 10-GB video file in a document library	<input type="radio"/>	<input type="radio"/>
A list that contains 3 million items	<input type="radio"/>	<input type="radio"/>

**Answer:**

Requirement	Can be implemented	Cannot be implemented
A web application that has 10 different zones	<input type="radio"/>	<input checked="" type="radio"/>
A view that displays 3,000 items	<input checked="" type="radio"/>	<input type="radio"/>
A 10-GB video file in a document library	<input type="radio"/>	<input checked="" type="radio"/>
A list that contains 3 million items	<input checked="" type="radio"/>	<input type="radio"/>

### Question: 106

You have a SharePoint Server 2013 server farm.

You have a web applications named WebApp1.

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

You add App1to a site named Site1 in WebApp1.

You need to prevent App1 from reading information in Site1.

What should you do?

- A.From Central Administration, modifythe 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, modifythe users permissions of WebApp1.
- D.From Site Settings of Site1, delete App1 from the Site App Permissions list.

---

**Answer: A**

---

**Explanation:**

Permission policies provide a centralized way to configure and manage a set of permissions that applies to only a subset of users or groups in a web application.

Note: An app for SharePoint requests the permissions that it needs during installation from the user who is installing it. The developer of an app must request, through the app manifest file, the permissions that the particular app needs to be able to run. An app must be granted permissions by the user who is executing the app.

---

**Question: 107**

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**DRAG DROP**

You have a SharePoint Server 2013 server farm.

You need to recommend which tools must be used to identify the causes of the following issues:

Some users report that a specific Web Part page takes longer than 60 seconds to load.

A user reports that a document that was uploaded to a site does not appear in search results.

Which tool should you recommend for each issue? (To answer, drag the appropriate tools to the correct issues. Each tool 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.)

**Tools**

- the crawl log
- the Developer Dashboard
- the Microsoft Message Analyzer
- the query health reports
- the SharePoint Health Analyzer

**Answer Area**

Some users report that a specific Web Part page takes longer than 60 seconds to load.

Tool

A user reports that a document that was uploaded to a site does not appear in search results.

Tool

---

**Answer:**

---

Some users report that a specific Web Part page takes longer than 60 seconds to load.

the Developer Dashboard

A user reports that a document that was uploaded to a site does not appear in search results.

the crawl log

**Explanation:**

**Note:**

\* Developer Dashboard

The Developer Dashboard is an instrumentation framework introduced in Microsoft SharePoint Foundation 2010. Similar in concept to ASP.NET page tracing, it provides diagnostic information that can help a developer or system administrator troubleshoot problems with page components that would otherwise be very difficult to isolate.

\* crawl log

The crawl log tracks information about the status of crawled content. This log lets you determine whether crawled content was successfully added to the index, whether it was excluded because of a crawl rule, or whether indexing failed because of an error. The crawl log also contains information such as the time of the last successful crawl and whether any crawl rules were applied. You can use the crawl log to diagnose problems with the search experience.

## Question: 108

### DRAG DROP

Your network contains an Active Directory forest named adatum.com. The forest contains a SharePoint Server 2013 server farm.

Your company has an Active Directory Federation Services (AD FS) infrastructure that allows users from four partner companies to access resources in adatum.com.

You create a new SharePoint Server 2013 web application named Web1. You configure AD FS to issue claims for Web1. You create an authentication provider for AD FS.

You plan to grant the users access to Web1.

You need to configure the farm to accept authentication requests from AD FS.

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

Actions	Answer Area
Configure a claim as a unique identifier for the users.	
Export the token-signing certificate from the farm.	
Import the token-signing certificate to the farm.	
Import the token-signing certificate to AD FS.	
Export the token-signing certificate from AD FS.	

### Answer:

Box 1:

Export the token-signing certificate from AD FS.

Box 2:

Import the token-signing certificate to the farm.

Box 3:

Configure a claim as a unique identifier for the users.

Note:

\* export the token signing certificate of the AD FS server with which you want to establish a trust relationship, and then copy the certificate to a location that SharePoint 2013 can access.

## Question: 109

### HOTSPOT

You have a SharePoint Server 2013 server farm that contains a web application named WebApp1. WebApp1 uses

classic-mode authentication.

A company policy states that Central Administration must be used, whenever possible.

In the table below, identify which tasks can be performed from Central Administration and which task can only be performed from Windows PowerShell. Make only one selection in each row.

#### Answer Area

Web application	PowerShell	Central Administration
Configure WebApp1 to use claims-based authentication.	<input type="radio"/>	<input type="radio"/>
Create a new web application named WebApp2 and configure WebApp2 to use claims-based authentication.	<input type="radio"/>	<input type="radio"/>
Create a new web application named WebApp3 and configure WebApp3 to use classic-mode authentication.	<input type="radio"/>	<input type="radio"/>

Answer:

#### Answer Area

Web application	PowerShell	Central Administration
Configure WebApp1 to use claims-based authentication.	<input checked="" type="radio"/>	<input type="radio"/>
Create a new web application named WebApp2 and configure WebApp2 to use claims-based authentication.	<input type="radio"/>	<input checked="" type="radio"/>
Create a new web application named WebApp3 and configure WebApp3 to use classic-mode authentication.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

- \* In Central Administration, you can only configure claims-based authentication when you manage web applications. You can also use Windows PowerShell cmdlets

#### Question: 110

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

---

**Answer: C**

---

**Explanation:**

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

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### **Question: 111**

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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

---

**Answer: B**

---

**Explanation:**

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.

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### **Question: 112**

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**DRAG DROP**

A company has a SharePoint environment that contains one front-end web server and one database server.

The company would like to ensure that employees can send email messages to document libraries.

You need to configure the environment to receive email messages.

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.)

<b>Actions</b>	<b>Answer Area</b>
In Central Administration, configure incoming email settings.	
Configure document libraries to store incoming email messages.	
Install and configure the SMTP service on the database server.	
Configure SharePoint sites to store incoming email messages.	
Install and configure the SMTP service on the SharePoint server.	
In Central Administration, configure outgoing email settings.	

---

**Answer:**

Box 1:

Install and configure the SMTP service on the SharePoint server.

Box 2:

In Central Administration, configure incoming email settings.

Box 3:

Configure document libraries to store incoming email messages.

**Explanation:**

**Note:**

To Enable a SharePoint 2013 document library to receive emails, follow the following steps:

Ensure the SMTP feature is activated on the SharePoint Server

Configure Incoming email settings

Configure Incoming email settings:

Launch SharePoint Central Administration, select System Settings, click Configure Incoming E-mail

Configure a SharePoint Document Library for incoming email

Configure a Document Library for Incoming email:

Switch to your document library's settings and click incoming email settings

Set the option Allow This Document Library to Receive Email to Yes

---

### **Question: 113**

You have a SharePoint Server 2013 server farm.

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

What should you use?

- 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

---

**Answer: D**

### Question: 114

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

### Answer: B

Explanation:

You can view existing display templates in Design Manager, but you don't create them in Design Manager the way that you create master pages and page layouts. Instead, you:

- \* Open your mapped network drive to the Master Page Gallery.
- \* Open one of the four folders in the Display Templates folder.
- \* Copy the HTML file for an existing display template that's similar to what you want. The exact location that you copy the file to does not matter, as long as it is in the Master Page Gallery.
- \* Open and modify your copy in an HTML editor.

### Question: 115

DRAG DROP

Contoso, Ltd. Recently merged with Fabrikam, Inc. Each company has an Active Directory Domain Services (AD RS) domain. You are managing the SharePoint environment in each domain.

You need to enable users in the Fabrikam.com domain to access the Contoso SharePoint farm but prevent users in the Contoso.com domain from accessing resources in the Fabrikam SharePoint farm even if they have been explicitly granted access to a site.

#### Elements

Web Application Policy
Two-way Forest Trust
Security Groups
One-way Forst Trust
Result Source

#### Answer Area

1. Configure a Element from the Contoso.com domain to the fabrikam.com domain
2. Add the Fabrikam.com Element to the Contoso SharePoint farm.
3. Configure a Element in the Fabrikam SharePoint farm.

---

**Answer:**

On-way forest trust  
Security groups  
web application policy

---

**Question: 116**

HOTSPOT

You have a SharePoint server 2013 server farm.

Users report that the past week, some pages were slow to render.

You need to identify the 10 pages in the farm that take the longest to load.

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

**Answer Area**

## Monitoring



### Health Analyzer

[Review problems and solutions](#) | [Review rule definitions](#)



### Timer Jobs

[Review job definitions](#) | [Check job status](#)



### Reporting

[View administrative reports](#) |

[Configure diagnostic logging](#) |

[Configure usage and health data collection](#) |

[View health reports](#) |

---

**Answer:**

[view health reports](#)

---

**Question: 117**

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.

Service	Deploy To
App Management	Front-end server Batch-processing server
PerformancePoint	Front-end server Batch-processing server
User Profile	Front-end server Batch-processing server
User Profile Synchronization	Front-end server Batch-processing server
Secure Store	Front-end server Batch-processing server

**Answer:**

App Management: Front-end server

PerformancePoint: Batch-Processing Server

User Profile: Front-end server

User Profile Synchronization: Batch-Processing Server

Secure Store: Front-end server

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.

Explanation:

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: 118

#### 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.

#### Answer 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"/>
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"/>

**Answer:**

#### Answer Area

	Yes	No
When users upload documents to the Data document library, they can specify a content type of Financial or Informational.	<input checked="" 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 checked="" type="radio"/>

**Explanation:**

- \* 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: Plan for information management policy in SharePoint Server 2013

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

**Question: 119****HOTSPOT**

You need to implement Community sites and eDiscovery centers in Office 365.

In the table below, select the Office 365 plan that you should use for each type of site.

NOTE: Make only one selection in each column.

Office 365 plan	Community site	eDiscovery center
Office 365 Business Premium	<input type="radio"/>	<input type="radio"/>
Office 365 Business E1	<input type="radio"/>	<input type="radio"/>
Office 365 Business E3	<input type="radio"/>	<input type="radio"/>
Office 365 Business E4	<input type="radio"/>	<input type="radio"/>

**Answer:**

Office 365 plan	Community site	eDiscovery center
Office 365 Business Premium	<input checked="" type="radio"/>	<input type="radio"/>
Office 365 Business E1	<input type="radio"/>	<input type="radio"/>
Office 365 Business E3	<input type="radio"/>	<input checked="" type="radio"/>
Office 365 Business E4	<input type="radio"/>	<input type="radio"/>

**Explanation:**

We choose the simplest plan that meet the requirement.

Office 365 Business Premium supports Intranet site for your teams

Office 365 Business E3 supports eDiscovery center.

Reference: <https://products.office.com/en-us/business/compare-more-office-365-for-business-plans>

**Question: 120****HOTSPOT**

A company plans to implement SharePoint.

You have the following requirements:

You must implement a hybrid, two-way trust environment.

You must implement single sign on.

You must minimize costs.

You need to plan the implementation of the solution.

Which products should you implement? To answer, select the appropriate product from each list in the answer area.

Technology	Product
Office 365 version	<ul style="list-style-type: none"><li>SharePoint Online E1</li><li>SharePoint Online E3</li></ul>
SharePoint on-premises	<ul style="list-style-type: none"><li>SharePoint 2013 Standard</li><li>SharePoint 2013 Enterprise</li></ul>
Authentication	<ul style="list-style-type: none"><li>On-premises Active Directory Domain Services (AD DS)</li><li>On-premises Active Directory Federation Services (AD FS)</li></ul>
Internet end-point	<ul style="list-style-type: none"><li>Reverse Proxy</li><li>SSL Certificate</li></ul>

Answer:

Technology	Product
Office 365 version	sharePoint Online E1 SharePoint Online E3
SharePoint on-premises	SharePoint 2013 Standard SharePoint 2013 Enterprise
Authentication	On-premises Active Directory Domain Services (AD DS) On-premises Active Directory Federation Services (AD FS)
Internet end-point	Reverse Proxy SSL Certificate

**Explanation:**

- \* You can implement Single Sign-on with Office 365 E1 Plan for Exchange Online and SharePoint Online.
- \* SharePoint 2013 Standard would be enough.
- \* For single sign on we should use Active Directory Federation Services (AD FS).
- \* ADFS signs the tokens that it issues with a token signing certificate. You must import into SharePoint a certificate that it can use to validate the token from ADFS.

Reference: Single sign-on roadmap

<https://technet.microsoft.com/en-us/library/hh967643.aspx>

**Question: 121**

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

---

**Answer: A**

---

Explanation:

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: 122**

DRAG DROP

You are the SharePoint administrator for Contoso, Ltd. You plan to create a public website for Contoso's customers by using content that is created in SharePoint.

The public site will contain information that is created by internal users. Pages are created dynamically based on navigation.

You have the following requirements:

The marketing department is responsible for creating web page content and needs an approval workflow for any content generated before the content is made available to site visitors.

The sales department is responsible for creating a product catalog that includes information concerning products, such as properties, price, and delivery estimates.

The customer relationship department is responsible for ensuring that customer documentation is accessible for approved clients and vendors.

You need to design the environment.

What should you do? To answer, drag the appropriate site collection type or content type to the correct location. Each site collection type or content type 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.

**Site collection types**

Publishing site collection

Authoring site collection

**Content types**

Pages library

List

Document library

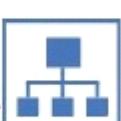
**Answer Area**

Site collection type

Site collection type

**Marketing**

Content type

**Sales**

Content type

**Customer relationships**

Content type

Search

**Answer:**

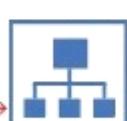
**Answer Area**

Publishing site collection

Authoring site collection

**Marketing**

Pages library

**Sales**

Document library

**Customer relationships**

List

Explanation:

- \* The Publishing site collection is on the perimeter network.
- \* Marketing, Sales, and the Customer relationships department work on the Authoring site collection in the local network.
- \* The Marketing department works with the Pages library as they are responsible for creating the web page content.
- \* The Sales department works with the Document library as they work with a product catalog.
- \* The customer relationship department makes sure clients and vendors get access so they work with lists.

Reference: Plan document libraries in SharePoint 2013

<https://technet.microsoft.com/en-us/library/cc262215.aspx>

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### Question: 123

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DRAG DROP

A company has multiple on-premises Active Directory forests. The company plans to implement Office 365 by using a two-way hybrid architecture.

You need to configure the environment to export the local Active Directory to Azure Active Directory and verify that the process is successful.

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

**Actions**

**Answer Area**

At an administrative command prompt, run the following command:

```
csexport <ConnectorName> %temp%  
\export.xml /fx
```

Install Azure Active Directory Synchronization Services (AAD Sync).

Install the Azure Active Directly Sync (DirSync) tool.

Select the Active Directory Domain Services connector and perform a full import.

Select the Windows Azure Active Directory connector and perform a delta synchronization.

---

### Answer:

---

Box 1: Install Azure Active Directory Synchronization Services (AAD Sync).

Box 2: Select the Active Directory Domain Services connector and perform a full import.

Box 3: Select the Windows Azure Active Directory connector and perform a delta synchronization.

Box 4:

At an administrative command prompt, run the following command:

```
csexport <ConnectorName> %temp%  
\export.xml /fx
```

Explanation:

Note:

Step 1: Install Azure Active Directory Synchronization Services (AAD Sync).

AADSync will for most customers be relevant when a new feature is required that is only available in AADSync.

**Step 2-3: Import and Synchronize**

1. (Step 2) Select Connectors, and select the first Connector with the type Active Directory Domain Services. Click on Run, select Full import, and OK. Do this for all Connectors of this type.
2. Select the Connector with type Windows Azure Active Directory (Microsoft). Click on Run, select Full import, and OK.
3. (Step 3) Make sure Connectors is still selected and for each Connector with type Active Directory Domain Services, click Run, select Delta Synchronization, and OK.
4. Select the Connector with type Windows Azure Active Directory (Microsoft). Click Run, select Delta Synchronization, and then OK.

**Step 4: Verify**

1. Start a cmd prompt and go to %Program Files%\Microsoft Azure AD Sync\bin

2. Run: csexport <name of Connector> %temp%\export.xml /f:x

Etc.

Incorrect answers:

Not DirSync: Back in October 2014, Microsoft announced that the new “MS Azure AD Sync Services” (AAD Sync) had been released, which means that DirSync is now officially deprecated.

Reference: Moving from DirSync or FIM to Azure Active Directory Sync

<https://msdn.microsoft.com/en-us/library/azure/dn783462.aspx>

---

## Question: 124

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DRAG DROP

You are the SharePoint administrator for a SharePoint 2013 deployment.

You need to configure accounts.

What should you do? To answer, drag the appropriate permission to the correct action. Each permission 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.

Permissions	Answer Area	
	Action	Permission
Full Control	Gives an account the ability to manage social tags and notes for all users	Permission
Manage Profiles	Gives an account the ability to configure the service application	Permission
Manage Audiences	Gives an account the ability to read profiles and their properties	Permission
Manage Permissions	Gives an account the ability to add, delete, or edit profiles through the User Profile Application	Permission
Retrieve People Data for Search Crawlers		
Manage Social Data		

---

**Answer:**

---

**Answer Area**

Action	Permission
Gives an account the ability to manage social tags and notes for all users	Manage Social Data
Gives an account the ability to configure the service application	Full Control
Gives an account the ability to read profiles and their properties	Retrieve People Data for Search Crawlers
Gives an account the ability to add, delete, or edit profiles through the User Profile Application	Manage Profiles

**Explanation:**

- \* Manage Social Data - This level will give a user the ability to manage social tags and notes for all users.
- \* Full Control - This level will give a user the ability to configure the Service Application and all the pieces of it.
- \* Retrieve People Data for Search Crawlers - This level will give a user the ability to read profiles and their properties
- \* Manage Profiles - This level will give a user account the ability to Add, Delete, or Edit permissions thru the User Profile Application.

Reference: Administrative permission for User Profile Service Application

<http://blogs.technet.com/b/christwe/archive/2012/07/09/administrative-permission-for-user-profile-service-application.aspx>

**Question: 125****DRAG DROP**

An organization uses Microsoft SharePoint 2013 to host content on an intranet.

You need to configure the firewalls to open the ports for SharePoint.

Which firewall ports should you open? To answer, drag the appropriate port to the correct services. 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.

**Protocol and Ports**

SMTP / 25
HTTP / 80
TCP / 22233 – 22236
HTTPS / 12290
HTTPS / 32844
HTTPS / 443

**Answer Area**

Service	Protocol and Port
Encrypted web application traffic	Protocol and Port
Encrypted SharePoint Services traffic	Protocol and Port
Outgoing email messages	Protocol and Port
Encrypted workflow Manager traffic	Protocol and Port
AppFabric Caching Service traffic	Protocol and Port

---

**Answer:**

---

**Answer Area**

Service	Protocol and Port
Encrypted web application traffic	HTTPS / 443
Encrypted SharePoint Services traffic	HTTPS / 32844
Outgoing email messages	SMTP / 25
Encrypted workflow Manager traffic	HTTPS / 12290
AppFabric Caching Service traffic	TCP / 22233 – 22236

Explanation:

- \* 443 TCP (HTTPS/SSL)
- Encrypted client to SharePoint web server traffic (Encrypted SharePoint – Office Web Apps communication)
- \* TCP, 32844 -Communication between Web servers and service applications
- \* 25 TCP/UDP - Simple Mail Transfer Protocol (SMTP)—used for e-mail routing between mail servers
- \* Workflow Manager Management Port: Set port 12290 to use an SSL encrypted connection
- \* TCP, 22233-22236 - Ports required for the AppFabric Caching Service

Incorrect answer:

Not TCP 80, http, Client to SharePoint web server traffic (SharePoint – Office Web Apps communication)

Reference: TCP/IP Ports of SharePoint 2013

<http://blog.blksthl.com/2013/02/21/tcpip-ports-of-sharepoint-2013/>

**Question: 126**

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:

$$\text{Database Size} = ((D \times V) \times S) + (10 \text{ KB} \times (L + (V \times D)))$$

You need to configure the storage for the content databases.

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

- A. 101GB
- B. 110 GB
- C. 220 GB
- D. 405 GB
- E. 440 GB

---

**Answer: B**

---

Explanation:

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

1. Use the following formula to estimate the size of your content databases:

$$\text{Database size} = ((D \times V) \times S) + (10 \text{ KB} \times (L + (V \times D)))$$

2. Calculate the expected number of documents. This value is known as D in the formula.

3. Estimate the average size of the documents that you'll be storing. This value is known as S in the formula.

4. 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.

5. 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>

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### **Question: 127**

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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

---

### **Answer: BC**

---

Explanation:

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.

Incorrect answers:

Not A: There is no Event log setting Monitorable.

Not D: Event log, Verbose: This event log level corresponds to lengthy events or messages.

Not E: Trace log. When set to the Verbose 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.

Not F: Trace log, level Medium: When set to this level, the trace log includes all messages except Verbose and VerboseEx messages. This level records all high-level information about operations that were performed. This level provides enough detail to construct the data flow and sequence of operations. Administrators or support professionals could use this level of logging to troubleshoot issues. When set to this level, the log will also include all events that the High setting records.

Reference: Configure diagnostic logging in SharePoint 2013  
<https://technet.microsoft.com/en-us/library/ee748656.aspx>

### Question: 128

DRAG DROP

You have a SharePoint farm.

You need to configure Active Directory Federation Services (AD FS).

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

#### Actions

Configure AD FS with the web application as a relying party.

Configure web applications to use claims-based authentication that use AD FS as the trusted identity provider.

Configure SharePoint 2013 to trust AD FS as a relying party.

Configure AD FS with the web application as an identity provider.

Configure SharePoint 2013 to trust AD FS as an identity provider.

#### Answer Area

#### Answer:

Box 1: Configure AD FS with the web application as a relying party

Box 2: Configure SharePoint 2013 to trust AD FS as an identity provider

Box 3: Configure web applications to use claims-based authentication that use AD FS as the trusted identity provider

Explanation:

Phase 0: Install and configure an AD FS server (we can assume that this has already been done here).

Phase 1: Configure AD FS with the web application as a relying party

Phase 2: Configure SharePoint 2013 to trust AD FS as an identity provider

Phase 3: Configure web applications to use claims-based authentication and AD FS as the trusted identity provider

Incorrect answers:

\* the web application is they relying party, not ADFS

\* We should not configure SharePoint to trust AD FS as an identity provider, instead the web applications should trust AD FS as an identity provider.

Reference: Configure SAML-based claims authentication with AD FS in SharePoint 2013

<https://technet.microsoft.com/en-us/library/hh305235.aspx>

### Question: 129

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.

---

**Answer: AC**

**Explanation:**

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.

**Incorrect answers:**

Not B: We should not share the entire site. We should just share the document.

Not D: External users must sign in to the service by using a Microsoft account or a work or school account.

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: 130**

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

---

**Answer: A**

**Explanation:**

Select Stop Inheriting Permissions on the document library for the HR department users. This will prevent them from 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: 131**

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

---

**Answer: D**

---

**Explanation:**

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 '[Error! Hyperlink reference not valid.](#)' -Name 'Portal' -Description 'Customer root' -OwnerAlias 'contoso\administrator' -language 1033 -Template 'STS#0'

**Incorrect answers:**

Not A: You must use Windows PowerShell to create a host-named site collection. You cannot use the SharePoint 2013 Central Administration web application to create a host-named site collection.

Not B: You must use Windows PowerShell to create a host-named site collection. You cannot use the SharePoint 2013 Central Administration web application to create a host-named site collection.

Not C: We must use HostHeaderWebApplication parameter.

Not E: We must use the New-SPSite command, not the New-SPWebApplication command.

Reference: Host-named site collection architecture and deployment (SharePoint 2013)

<https://technet.microsoft.com/en-us/library/cc424952.aspx#section1b>

---

**Question: 132**

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**HOTSPOT**

A company is upgrading to SharePoint Server 2013.

You plan to migrate an existing PHP eCommerce site to SharePoint Server 2013.

The ecommerce site has the following requirements:

Users must be able to browse all products available.

Users must be able to drill down on specific product attributes.

Product attributes must be stored as managed metadata.

You need to determine which components you should implement.

Which components are required? To answer, select the appropriate option from each list in the answer area.

Component	Status
Cross Site Publishing	<input type="checkbox"/> Required <input type="checkbox"/> Not Required
Managed metadata service	<input type="checkbox"/> Required <input type="checkbox"/> Not Required
Search Web Parts	<input type="checkbox"/> Required <input type="checkbox"/> Not Required
Secure Store Service	<input type="checkbox"/> Required <input type="checkbox"/> Not Required
Device Channels	<input type="checkbox"/> Required <input type="checkbox"/> Not Required

---

**Answer:**

---

Component	Status
Cross Site Publishing	Required Not Required
Managed metadata service	Required Not Required
Search Web Parts	Required Not Required
Secure Store Service	Required Not Required
Device Channels	Required NOT Required

**Explanation:**

\* Cross Site Publishing is required as metadata will be used as product attributes.

You can use cross-site publishing to create an Internet business site that contains a catalog that shows products to customers, based on metadata. Users view pages that are created dynamically based on navigation, and filter results based on additional refinements. The site may also show content such as a company contact page, shipping and handling rates, and job openings. Content is authored internally, and is made available to anonymous users outside the firewall.

You can use cross-site publishing to create a knowledge base that is available to internal and external users in an extranet site. Content authors tag pages with metadata to categorize articles so that users can search or browse for specific information, such as troubleshooting articles, support issues, and service packs.

\* Managed metadata service is required as product attributes must be stored as managed metadata.

\* Search Web Parts is required as users must be able to browse (search) the products.

\* Secure Store Service is not required as single-sign on is not required.

The Secure Store Service replaces the Microsoft Office SharePoint Server 2007 Single Sign On feature. Secure Store Service is a shared service that provides storage and mapping of credentials such as account names and passwords. It enables you to securely store data that provides credentials required for connecting to external systems and associating those credentials to a specific identity or group of identities.

\* Device Channels is not required as there is no requirement that the web pages should be rendered in different devices (such as mobile phones, tablets).

A device channel is part of the SharePoint 2013 publishing infrastructure that enables you to render certain site content, style your content, and even change images—while maintaining the same URL across a pool of different

devices.

Reference: Overview of cross-site publishing in SharePoint Server 2013

<https://technet.microsoft.com/en-us/library/jj635883.aspx>

---

### **Question: 133**

---

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

---

**Answer: D**

---

Explanation:

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>

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### **Question: 134**

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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

---

**Answer: C**

---

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.

Incorrect answers:

Not A: Microsoft Search Server performance counters would not provide any crawl data.

Not B: The crawl log would not provide such detailed information. The crawl log tracks information about the status of crawled content. The log includes views for content sources, hosts, errors, databases, URLs, and history.

Not D: ULS logs would not provide any crawl data.

Reference: Best practices for crawling in SharePoint Server 2013

[https://technet.microsoft.com/en-us/library/dn535606.aspx#BKMK\\_UseCrawlLog](https://technet.microsoft.com/en-us/library/dn535606.aspx#BKMK_UseCrawlLog)

### Question: 135

#### DRAG DROP

A company plans to make Office Web Apps available for all users. The company deploys a multi-server, load-balanced Office Web Apps server farm.

You install and configure SSL certificates.

The SharePoint farm operates in both internal and external zones.

You have the following requirements:

Servers must connect to both zones.

The Office Web apps farm must communicate securely with SharePoint Servers.

You need to configure the environment.

How should you complete the relevant Windows PowerShell commands? To answer, drag the appropriate Windows PowerShell segments to the correct location. Each Windows PowerShell segment 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.

#### PowerShell segments

- New-SPWOPIBinding
- Get-SPWOPIZone
- Set-SPWOPIZone
- external-https
- Set-SPWOPIBinding
- internal-http
- internal-https
- external-http

#### Answer Area



#### Answer:

Box 1: New-SPWOPIBinding

Box 2: Get-SPWOPIZone

Box 3: Set-SPWOPIZone

Box 4: external-https

Explanation:

Box1: New-SPWOPIBinding

The New-SPWOPIBinding cmdlet associates file name extensions or applications to actions on the current SharePoint farm where this cmdlet is run. Each binding allows you to use the WOPI application to view or edit files in your SharePoint library.

To use a WOPI application, such as a server that runs Office Web Apps Server, for Office Web Apps, you must run this cmdlet on the SharePoint farm before you can use the Office Web Apps.

Example: New-SPWOPIBinding -ServerName "Server.corp.Contoso.com"

This example creates bindings for all the applications and file name extensions that the WOPI application supports on the current SharePoint farm where this cmdlet is run.

Box 2: Get-SPWOPIZone

The Get-SPWOPIZone cmdlet returns the zone that is configured on the current SharePoint farm for the WOPI application (such as a server that runs Office Web Apps Server) to use.

**Box 3: Set-SPWOPIZone**

The Set-SPWOPIZone cmdlet configures the zone that the current SharePoint farm will use to navigate the browser to the WOPI application (such as a server that runs Office Web Apps Server). The SharePoint Server page in the browser creates a frame that contains a page on the WOPI application. The zone for the URL of the WOPI application page is determined by this setting.

**Box 4: external-https**

If you have a SharePoint farm that's internal and external as in this scenario, we must specify external.

We must use secure communication, https not http. Only use HTTP when you are on a fully secure network that uses IPSEC (full encryption) or in a test environment that does not contain sensitive data.

Example:

`Set-SPWOPIZone -Zone "external-https"`

This example configures the current SharePoint farm to use external connections through HTTPS to the WOPI application (such as a server that runs Office Web Apps Server).

Incorrect answers:

\* `Set-SPWOPIBinding`

The Set-SPWOPIBinding cmdlet updates the default click action for an application or file name extension binding. For example, you can set the default click action for viewing a Word document in a SharePoint library.

But we are not required to redefine click actions.

Typically, you would use the output of the Get-SPWOPIBinding command as the value for the -Identity property of this command.

Example: `Get-SPWOPIBinding -Action "view" -Application "Word" | Set-SPWOPIBinding -DefaultAction`

Reference: <https://technet.microsoft.com/en-us/library/jj219441.aspx>

<https://technet.microsoft.com/en-us/library/jj219451.aspx>

---

## **Question: 136**

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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.

---

## **Answer: C**

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Explanation:

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: 137**

---

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/>

---

### **Answer: C**

---

**Explanation:**

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/library/cc261845\(v=office.15\).aspx](https://technet.microsoft.com/library/cc261845(v=office.15).aspx)

### **Case Study: 7**

#### **Tailspin Toys**

##### **Background**

You are planning a SharePoint deployment. The new farm will host several business solutions including:

- www.TailspinToys.com
- Tailspin360.TailspinToys.com
- MyTailspin.TailspinToys.com

All employees have Active Directory Domain Service (AD DS) accounts. Members of the SalesUsers AD DS security group are the only users with permissions to create My Sites sites.

##### **Business Requirements**

###### **www.TailspinToys.com**

www.TailspinToys.com is an Internet business site that will provide eCommerce capabilities including a product catalog, a shopping cart, and an account settings page.

###### **Tailspin360.TailspinToys.com**

Tailspin360.TailspinToys.com provides a business intelligence (BI) solution for the Sales team. It must allow users to share Microsoft Excel workbooks and build dashboards.

Tailspin360.TailspinToys.com accesses data that is located in various repositories including Microsoft SQL Server.

###### **MyTailspin.TailspinToys.com**

MyTailspin.TailspinToys.com is a social collaboration environment that provides micro-blogging, file and video sharing, and the ability to create personal blogs and wikis for Tailspin Toys employees.

## **Technical Requirements**

### **General**

- The farm must be made fault tolerant by using virtualization.
- The farm must include two front-end web servers.
- Page requests must be distributed equally across the front-end web servers.
- All content must remain available to users if one of the front-end web servers becomes unavailable.
- All Sales department employees are members of the SalesUsers group.
- All customer, order, and product information will be stored in tables in a Microsoft SQL Server database.
- The User Profile service application is provisioned but not configured.

### **www.TailspinToys.com**

- You must create a version of the site that provides an optimized experience for Windows Phone devices. You have created a device channel that detects the user-agent.
- The website must support English (United States), Spanish (Mexico), and German (Germany). All content is authored in English and then translated into Spanish and German by an outside vendor. Translations are performed by humans.

### **Tailspin360.TailspinToys.com**

- The site must be accessible only to members of the Sales team.
- Users must be able to access order information that is stored in a SQL Server database.
- Developers must be able to import Business Connectivity Services (BCS) models by using Central Administration.
- The salesAccess shared domain account has permissions to read data from the database.
- Excel workbooks published to a document library app must be opened in a browser. Excel workbooks in other locations must open in Excel.

### **MyTailspin.TailspinToys.com**

- You need to provision a SharePoint environment that supports My Sites for an enterprise.
- You need to ensure the SharePoint Server configuration supports the ability to create individual site collections the first time a user accesses the My Site page.
- All users need permissions to create My Sites sites.

---

### **Question: 1**

---

You need to meet the site collection creation requirements for MyTailspin.TailspinToys.com. Which steps should you take? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Ensure that the Setup My Sites setting for the User Profile service application uses the URL of the My Site host site collection and a wildcard inclusion.
- B. Ensure that the Setup My Sites setting for the User Profile service application uses the URL of the My Site host site collection and an explicit inclusion.
- C. Grant the Create Subsites permission to each user.
- D. Grant the Create Personal Site permission to each user.

---

**Answer: A, D**

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### **Question: 2**

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**DRAG DROP**

You need to configure authentication for the Tailspin360.TailspinToys.com site.

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.)

## Answer Area

Create a new Secure Store target application named **Sales**. Specify a target application ID of **SalesReports** and a target application type of **Group**.

Add the **SalesUsers** group as a member of the Secure Store target application. Configure the **Set Credentials** option of the Secure Store target application to use the salesAccess account.

Specify the **Target Application ID** for the **Secure Store Service (SSS)** field in the Excel Services authentication settings.

Specify the **Friendly Name** for the **Secure Store Service (SSS)** field in the Excel Services authentication settings.

Create a new Secure Store target application named **Sales**. Specify a target application ID of **SalesReports** and a target application type of **Individual**.

Add the salesAccessaccount as a member of the Secure Store target application. Configure the **Set Credentials** option of the Secure Store target application to use the **SalesUsersgroup**.

**Answer:**

Box 1:

Create a new Secure Store target application named **Sales**. Specify a target application ID of **SalesReports** and a target application type of **Group**.

Box 2:

Add the **SalesUsers** group as a member of the Secure Store target application. Configure the **Set Credentials** option of the Secure Store target application to use the salesAccess account.

Box 3:

**Specify the Target Application ID for the Secure Store Service (SSS) field in the Excel Services authentication settings.**

Explanation:

Note:

\* Step 1:

/ Target Application Type. By default, SharePoint Online uses type Group Restricted.

/ In the Members section, enter a list of users or SharePoint Online groups of users who need to access the target application. Or, you can use the Browse button to search for the name of a group that you want to map to the Target Application.

\* Step 2:

In the Credential Fields section, enter the Field Names and Field Types for the credentials that are required to access data in the Target Application. These fields determine how you will map identity in the Secure Store Service. By default, the Credential Fields list the Windows User Name and Windows Password with matching Field Types (User Name and Password), and specifies that the password is masked.

\* Step 3:

If you are using Excel Services, use the procedures in this section to complete the necessary configuration steps.

If the Unattended Service Account has not already been configured for Excel Services, follow these steps to configure it.

To configure the Unattended Service Account

On the SharePoint Central Administration home page, under Application Management, click Manage Service Applications.

Click the Excel Services service application.

Click Global Settings.

In the External Data section, choose the Use an existing Unattended Service Account option, and then type the name of the target application that you created for the Unattended Service Account in the Target Application ID text box.

Click OK.

\* From scenario:

/ The site must be accessible only to members of the Sales team.

/ The salesAccess shared domain account has permissions to read data from the database.

/ Excel workbooks published to a document library app must be opened in a browser. Excel workbooks in other locations must open in Excel.

\* The Secure Store Service is designed to create a background mapping between a group of users in SharePoint, and a single user known to the external data system. When the Secure Store Service is properly configured, the following occurs:

\* A user authenticates through Internet Information Services (the web server technology underlying SharePoint technologies) to SharePoint Online via valid credentials.

\* Inside SharePoint Online, the Secure Store Service uses mapped credentials known to the external business application to render any necessary external data on the site for the authenticated user.

Reference: Create or edit a Secure Store Target Application

### Question: 3

DRAG DROP

You need to ensure that the site supports the required languages.

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.)

Answer Area
Create one label. Set the <b>Locale</b> to <b>German (Germany)</b> and the <b>Variation Home</b> to /.
Create one label. Set the <b>Locale</b> to <b>Spanish (Mexico)</b> and the <b>Variation Home</b> to /.
Create two labels. Set the <b>Locale</b> for one label to <b>German (Germany)</b> and for the other label to <b>Spanish (Mexico)</b> .
Edit the <b>Spanish (Mexico)</b> label. Set the <b>Machine Translation</b> setting to <b>Allow Machine Translation on this target label</b> .
Create one label. Set the <b>Locale</b> to <b>English (United States)</b> and the <b>Variation Home</b> to /.
Create language hierarchies.
Edit the <b>German (Germany)</b> label. Set the <b>Machine Translation</b> setting to <b>Allow Machine Translation on this target label</b> .

**Answer:**

Box 1:

Create one label. Set the **Locale** to **English (United States)** and the **Variation Home** to /.

Box 2:

Create two labels. Set the **Locale** for one label to **German (Germany)** and for the other label to **Spanish (Mexico)**.

Box 3:

Create language hierarchies.

Explanation:

Note:

\*(step 1) (Specify source variation site) Variation Home – this is the starting point for your multilingual web site; in theory the value here should be “/” (root). Now open the Variation Label link and create a the Source Variation Label (in my example this is English, so the value for the Site Template Language drop down is English). Please check theSet this variation to be the source variationcheckbox under Source Hierarchy and choose wisely the Publishing site template which you want to use for the variations. This setting cannot be change afterwards. Click OK.

\* (Step 2) Specify [target variation sites](#)

\* (step 3) Content deployment

Content deployment copies content from a source site collection to a destination site collection.

We recommend that you disable any content deployment jobs that include the source variation site while Variations Create Hierarchies Job Definition runs.

\* From scenario:

The website must support English (United States), Spanish (Mexico), and German (Germany). All content is authored in English and then translated into Spanish and German by an outside vendor. Translations are performed by humans.

\* The variations feature in SharePoint Server 2013 and SharePoint Online makes content available to specific audiences on different sites by syncing content from a source variation site to each target variation site. Content on a target variation site can be translated into other languages before it is published. Variations can be used only on sites that are created by using one of the Publishing site templates, or on a site for which the SharePoint Server Publishing Infrastructure feature was activated.

Reference: Step by Step: Setup multi language support in SharePoint 2010

Reference: Plan for variations in SharePoint Server 2013

#### Question: 4

You need to ensure that the developers have the necessary permissions to meet the BCS model requirements.  
What should you do?

- A. Grant Edit permissions to the developers by using the Set Object Permissions option
- B. Grant Execute permissions to the developers by using the Set Object Permissions option
- C. Grant Edit permissions to the developers by using the Set Metadata Store Permissions option
- D. Grant Execute permissions to the developers by using the Set Metadata Store Permissions option

Answer: C

#### Question: 5

You need to configure Excel Services.  
What should you do?

- A. Add a trusted file location to the Tailspin360 site.
- B. Add each user as a Viewer.
- C. Add each user as a Contributor.
- D. Add a trusted data connection library to the Tailspin360 site.

---

**Answer: A**

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### **Question: 6**

---

You need to configure the BCS model to access data.

What should you do?

- A. Create an external content type and enter the target application friendly name in the Secure Store Application ID field.
- B. Create an external content type and enter the target application ID in the Secure Store Application ID field.
- C. Create an external content type and choose the Connect with impersonated custom identity option. Enter the target application friendly name of the Secure Store target application.
- D. Create an external content type and choose the Connect with user's identity option.

---

**Answer: B**

---

### **Question: 7**

---

You need to meet the site availability requirements.

What should you do?

- A. Configure each web server as a node of a Network Load Balancing (NLB) cluster.
- B. Create an alternate access mapping entry for each server.
- C. Create client-side host entries to point to specific servers.
- D. Create Request Management rules to route traffic to each server.

---

**Answer: A**

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### **Question: 8**

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HOTSPOT

You need to support Windows Phone devices.

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



## Look and Feel

- Design Manager
- Master page**
- Page layouts and site templates
- Welcome Page
- Title, description, and logo
- Device Channels
- Tree view
- Change the look
- Import Design Package
- Navigation
- Image Renditions

---

**Answer:**

---



## Look and Feel

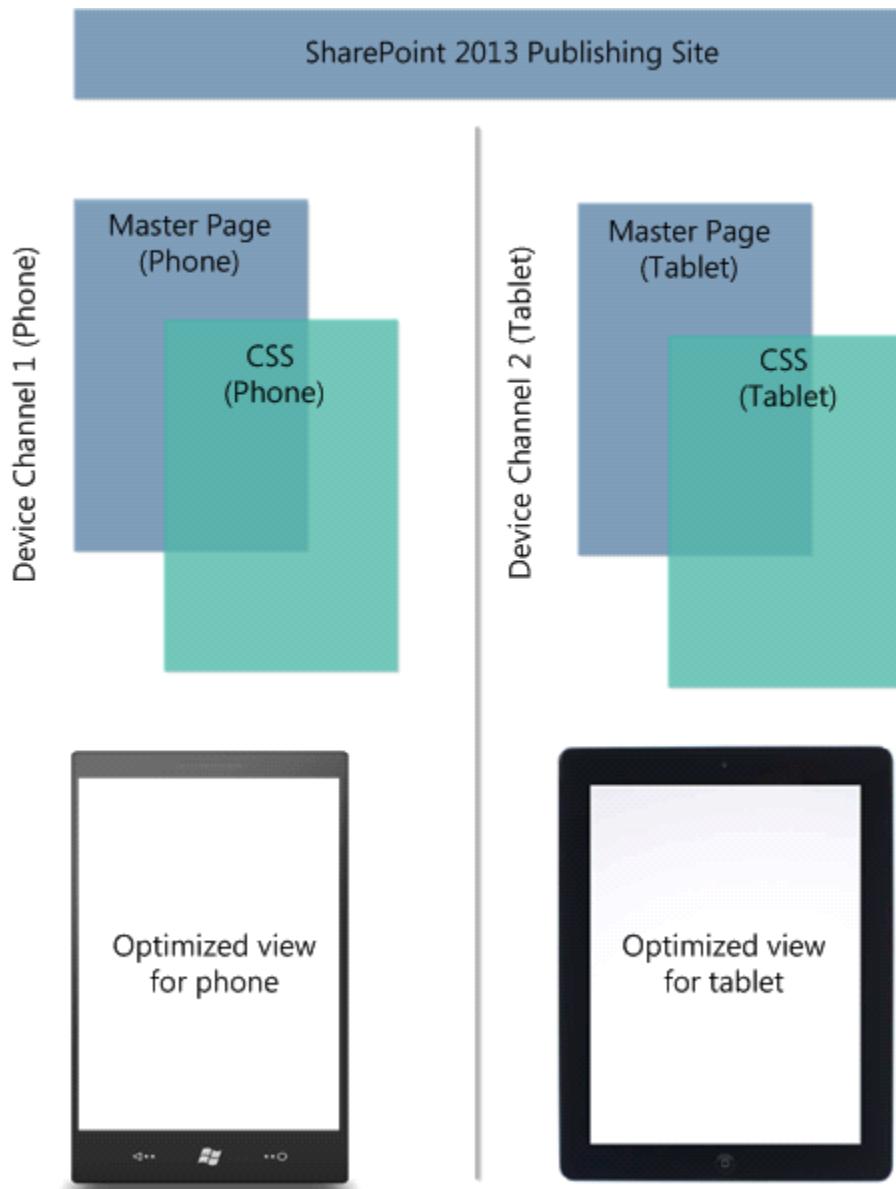
- Design Manager
- Master page**
- Page layouts and site templates
- Welcome Page
- Title, description, and logo
- Device Channels
- Tree view
- Change the look
- Import Design Package
- Navigation
- Image Renditions

**Explanation:**

**Note:**

- \* Browsing the web on a mobile device is now so common that a SharePoint site must be optimized for readability and ease of use on smartphones and other mobile devices such as tablets. With device channels in SharePoint 2013, you can render a single publishing site in multiple ways by using different designs that target different devices.
- \* A device channel is part of the SharePoint 2013 publishing infrastructure that enables you to render certain site content, style your content, and even change images—while maintaining the same URL across a pool of different devices. Compared to the desktop version of the SharePoint site, a mobile rendering can be formatted with a smaller width, have better navigation with wider touch targets, and show a reduced amount of information for better usability. You can create a single site, and author and edit the content a single time for all your different mobile devices. When a user browses a SharePoint site from a mobile device such as a smartphone or tablet, the mobile browser submits to the site an HTTP GET request that includes a user agent string. This string contains information about the type of device that is trying to access the site. Based on that device substring, the device browser can be redirected to a specific master page view.

\* Figure 1. Using device channels across different device platforms



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**Question: 9**

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You need to provision a SharePoint environment for MyTailspin.TailspinToys.com.  
What should you do?

- A. Create a web application and a site collection using the My Site Host template.
- B. Create a web application, a site collection using the My Site Host template, and site collections for each user.
- C. Configure the User Profile Synchronization service to perform a full import of AD DS user profiles.
- D. Configure the User Profile Synchronization service to set up a My Sites site collection.

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**Answer: A**

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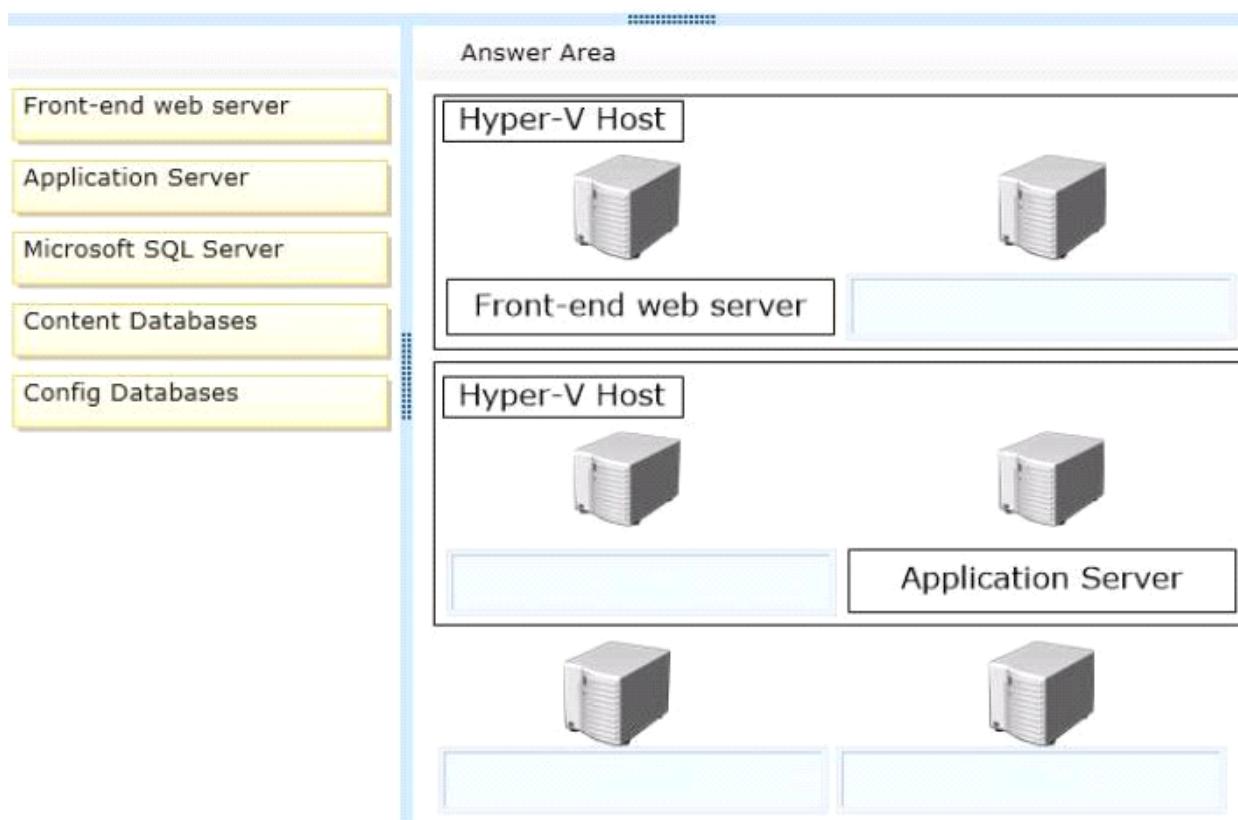
**Question: 10**

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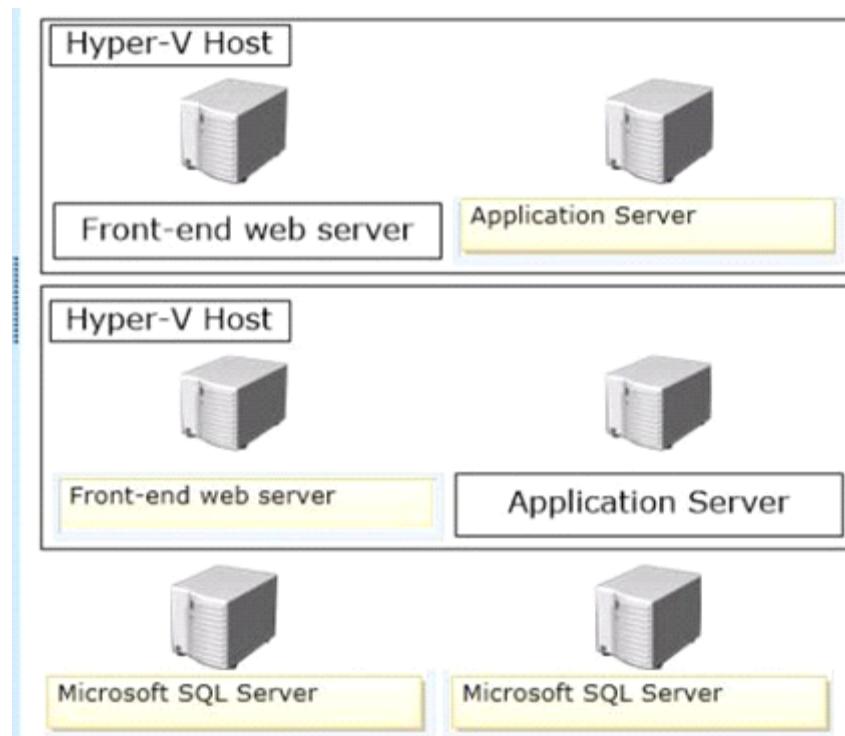
DRAG DROP

You need to design the architecture of the farm.

What should you do? (To answer, drag the appropriate terms to the correct location or locations 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.)



**Answer:**



Explanation:

Note:

\* From scenario:

The farm must be made fault tolerant by using virtualization.

The farm must include two front-end web servers.

All content must remain available to users if one of the front-end web servers becomes unavailable. (Not put them on the same Hyper-V host)

Page requests must be distributed equally across the front-end web servers.

All customer, order, and product information will be stored in tables in a Microsoft SQL Server database.

Need to use Microsoft SQL Server.

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### **Question: 11**

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You need to configure the BCS model to access data.

What should you do?

- A. Import the BCS model and enter the required account by using the Set Object Permissions command.
- B. Create an external content type and enter the target application ID in the Secure Store Application ID field.
- C. Create an external content type and choose the Connect with user's identity option.
- D. Create an external content type and choose the Connect with impersonated custom identity option. Enter the target application friendly name of the Secure Store target application.

---

**Answer: B**

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### **Case Study: 8**

#### **World Wide Importers**

##### **Background**

##### **General Background**

Wide World Importers plans to upgrade from SharePoint 2010 to SharePoint 2013 to take advantage of additional business intelligence (BI) services, including PerformancePoint Services, PowerPivot for Excel, and SQL Server Reporting Services 2012 (SSRS). All users are members of an Active Directory Domain Services (AD DS) domain.

##### **Technical Background**

The current environment integrates with a stand-alone instance of Microsoft SQL Server 2008 R2 Analysis Services (SSAS). Wide World Importers has acquired SQL Server 2012 licenses for the purpose of upgrading all the SQL Server instances to SQL Server 2012.

##### **Business Requirements**

The SharePoint 2013 environment and supporting back-end servers that run SQL Server must be highly available and redundant in the case of unplanned downtime or a disaster.

##### **Technical Environment**

##### **SharePoint 2013 Production Farm Topology**

The SharePoint 2013 production farm topology consists of the servers listed in the following table.

<b>Server Name</b>	<b>Role</b>
PROD-APP-01	SharePoint Application Server
PROD-APP-02	SharePoint Application Server
PROD-Web-01	SharePoint front-end web server
PROD-WEB-02	SharePoint front-end web server
PROD-DB-01	SQL Server 2012, Enterprise Edition
PROD-DB-02	SQL Server 2012, Enterprise Edition

The Wide World Importers SharePoint 2013 environment has the following characteristics:

- A hardware load-balancer is configured to balance traffic between PROD-WEB-01 and PROD-WEB-02.
- SSRS is installed on PROD-APP-01 in SharePoint integrated mode.
- SSRS report databases are stored on PROD-DB-01.
- A site collection named Report Center has been created at <http://reports.wideworldimporters.com>.
- All SharePoint content and configuration databases are stored on PROD-DB-01.
- All site collections have been migrated to a single content database named WSS\_Content.
- A content database named WSS\_TempContent has been restored to PROD-DB-01, but not attached to the SharePoint 2013 farm.
- An AD DS domain user account named PPS\_SVC has been created.

### **SharePoint 2013 Disaster Recovery Site**

The SharePoint 2013 Disaster Recovery farm topology consists of the servers listed in the following table.

<b>Server Name</b>	<b>Role</b>
DR-APP-01	SharePoint Application server
DR-Web-01	SharePoint front-end web server
DR-DB-01	SQL Server 2012, Enterprise Edition

### **Technical Requirements**

- Log shipping must be used to send transaction log backups to the instance of SQL Server that is running in the disaster recovery site.
- Discrete sets of SharePoint content databases must be configured to automatically failover together.
- An additional SQL Server 2012 Report Server must be added to the SharePoint 2013 environment. The server must be configured to use SharePoint integrated mode.
- Additional SQL Server 2012 Report Servers must not be installed on machines that are running SharePoint as a front-end web server.
- Site Collection administrators must not have the ability to upgrade site collections.
- Site Collection upgrade jobs must be throttled to a maximum of five site collections at a time.
- A daily backup schedule must be created to perform SQL Server backups of all SharePoint content and configuration databases.
- The PPS\_SVC AD DS user account must be used for the PerformancePoint

service application.

- Farm administrators must be able to recover content from WSS\_TempContent without attaching the database to the farm.
  - All content databases within the production farm must be set to read-only when patching and upgrading the farm.
  - Farm administrators must be able to determine which sites were missed or skipped during the upgrade process and must be able to monitor any future upgrades.

## Question: 1

You need to meet the content recovery requirements for the farm.

What should you do?

- A. Run the Windows PowerShell cmdlet Get-SPUnattachedContentDatabase -DatabaseName "WSS\_TempContent"
  - B. Run the Windows PowerShell cmdlet Get-SPContentDatabase -ConnectAsUnattached Database -DatabaseName "SharePoint\_Config"
  - C. Use the Recover data from an unattached content database option in Central Administration.
  - D. Use the Export a site or list option in Central Administration.

## **Answer: C**

## Question: 2

## DRAG DROP

You need to meet the content access requirements during the upgrade process.

What should you do? (To answer, drag the appropriate terms to the correct location or locations 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.)

Availability	Answer Area	
Central Administration	Open the database properties in <input type="text"/> . In	
Content	the <input type="text"/> section, configure the database	
Content and configuration	read-only property to <input type="text"/> . Repeat for all	
Enable	other <input type="text"/> databases.	
<b>False</b>		
<b>Recovery</b>		
SQL Server Management Studio		
<b>State</b>		
<b>True</b>		

### **Answer:**

Open the database properties in **SQL Server Management Studio**. In the **State** section, configure the database read-only property to **True**. Repeat for all other **Content** databases.

Box 1: SQL Server Management Studio

Box 2: State

Box 3: True

Box 4: Content

Explanation:

Note:

\* From scenario:

/ All content databases within the production farm must be set to read-only when patching and upgrading the farm.

\* SQL Server Management Studio (ssms) is a software application first launched with the Microsoft SQL Server 2005 that is used for configuring, managing, and administering all components within Microsoft SQL Server.

\* A farm is considered read-only if one of the following is true:

All content databases are set to read-only.

Service application databases are set to read-only.

\* To set content databases to read-only by using SQL Server

Verify that the user account that is performing this procedure is a member of the db\_owner fixed database role in each database.

Start SQL Server Management Studio.

Right-click the content database that you want to make read-only, and then click Properties.

Select the Options page, and, in the Other options list, scroll to the State section.

In the Database Read-Only row, click the arrow next to False, select True, and then click OK.

Repeat for all other content databases.

Reference: Run a farm that uses read-only databases in SharePoint 2013

### Question: 3

DRAG DROP

You need to meet the disaster recovery requirements.

What should you do? (To answer, drag the appropriate terms to the correct location or locations 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.)

**Answer Area**

configuration database  
content database  
DR-DB-01  
mirror database  
primary database  
principal database  
PROD-DB-01  
secondary database

Connect to [ ]  
 Configure the [ ] as the [ ]  
 in a log shipping configuration.  
 Configure backup settings for the transaction log and then  
 connect to [ ].  
 Configure the [ ] settings.

**Answer:**

Connect to PROD-DB-01  
 Configure the content database as the primary database  
 in a log shipping configuration.  
 Configure backup settings for the transaction log and then  
 connect to DR-DB-01 .  
 Configure the secondary database settings.

**Explanation:****Note:**

- \* From scenario:

- / Log shipping must be used to send transaction log backups to the instance of SQL Server that is running in the disaster recovery site.

- / A hardware load-balancer is configured to balance traffic between PROD-WEB-01 and PROD-WEB-02. Both are running SQL Server 2012.

- / The SharePoint 2013 Disaster Recovery farm topology consists of the servers listed in the following table.

Server Name	Role
DR-APP-01	SharePoint Application server
DR-Web-01	SharePoint front-end web server
DR-DB-01	SQL Server 2012, Enterprise Edition

- / Log shipping must be used to send transaction log backups to the instance of SQL Server that is running in the disaster recovery site.

- \* SQL Server Log shipping allows you to automatically send transaction log backups from a primary database on a primary server instance to one or more secondary databases on separate secondary server instances. The transaction log backups are applied to each of the secondary databases individually.

\* Terms and Definitions

/ primary server

The instance of SQL Server that is your production server.

/ primary database

The database on the primary server that you want to back up to another server. All administration of the log shipping configuration through SQL Server Management Studio is performed from the primary database.

/ secondary server The instance of SQL Server where you want to keep a warm standby copy of your primary database.

/ secondary database The warm standby copy of the primary database. The secondary database may be in either the RECOVERING state or the STANDBY state, which leaves the database available for limited read-only access.

---

#### **Question: 4**

---

You need to meet the technical requirements for failover.

What should you do?

- A. Configure log shipping between PROD-DB-01 and PROD-DB-02.
- B. Configure an AlwaysOn availability group between PROD-DB-01 and PROD-DB-02.
- C. Configure database mirroring with an additional witness server between PROD-DB-01 and PROD-DB-02.
- D. Configure an active/passive failover cluster between PROD-DB-01 and PROD-DB-02.

---

**Answer: B**

---

---

#### **Question: 5**

---

You need to implement a Reporting Services solution.

What should you do?

- A. Use Reporting Services Configuration Manager to add an additional report server to PROD-APP-02.
- B. Install Microsoft SQL Server 2012 Reporting Services on PROD-APP-02 in SharePoint integrated mode. On the SQL Server Feature Selection page, select Reporting Services add-in for SharePoint products.
- C. Install Microsoft SQL Server 2012 Reporting Services on PROD-APP-02 in SharePoint integrated mode. On the SQL Server Feature Selection page, select Reporting Services - SharePoint.
- D. Uninstall Microsoft SQL Server 2012 Reporting Services on PROD-APP-01. Install Reporting Services on PROD-WEB-01 and PROD-WEB-02. Add the report server URL to the load-balance pool.

---

**Answer: C**

---

---

#### **Question: 6**

---

You need to meet the security requirement for site collection upgrades.

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

- A. \$reports.AllowSelfServiceUpgrade = false
- B. \$reports = Get-SPSite "<http://reports.wideworldimporters.com>"
- C. \$reports.AllowSelfServiceUpgrade
- D. \$reports = Get-SPWebApplication "<http://reports.wideworldimporters.com>"
- E. \$reports.AllowSelfServiceUpgrade = true

---

**Answer: A, B**

---

**Explanation:**

\* At the Windows PowerShell command prompt, type the following command to view the self-service upgrade setting for a site collection:

```
$site=Get-SPSite<URL>
$site.AllowSelfServiceUpgrade=<Value>
```

**Where:**

<URL> is URL for the site collection that you want to affect.

<Value> is either 'true' to allow site collection administrators to upgrade the site, or 'false' to not show them the notification and not allow them to upgrade.

\* Get-SPSite

Returns all site collections that match the specified criteria.

**Note:**

\* From scenario:

/ A site collection named Report Center has been created at <http://reports.wideworldimporters.com>.

/ Site Collection administrators must not have the ability to upgrade site collections.

/ Site Collection upgrade jobs must be throttled to a maximum of five site collections at a time.

**Incorrect:**

D: Get-SPWebApplication

Returns all Web applications that match the given criteria.

The Get-SPWebApplication cmdlet returns all Web applications that match the scope given by the Identity parameter.

The Identity can be the name of the name, URL, or GUID of the Web application. If no Identity is specified, all Web applications are returned.

The Central Administration Web application is only returned if its exact identity is provided or the IncludeCentralAdministration flag is provided.

Reference: Manage site collection upgrades to SharePoint 2013

---

**Question: 7**

---

**DRAG DROP**

You need to meet the database backup requirements.

What should you do? (To answer, drag the appropriate terms to the correct location or locations 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.)

Answer Area	
<input type="button" value="backup"/> <input type="button" value="daily"/> <input type="button" value="database shrink"/> <input type="button" value="Databases"/> <input type="button" value="Management"/> <input type="button" value="one-time"/> <input type="button" value="recurring"/> <input type="button" value="Server Objects"/> <input type="button" value="weekly"/>	<p>In SQL Server Management Studio, expand the <input type="text"/> folder. Right-click <b>Maintenance Plans</b> and then choose <b>Maintenance Plan Wizard</b>. Create a new <input type="text"/> job schedule that runs <input type="text"/> . Select and define a <input type="text"/> maintenance plan.</p>

---

**Answer:**

---

Box 1: Management

Box 2: recurring

Box 3: daily

Box 4: backup

Explanation:

Note:

\* From scenario:

/ A daily backup schedule must be created to perform SQL Server backups of all SharePoint content and configuration databases.

\* To start the Maintenance Plan Wizard

1. Expand the server.

2. Expand the Management folder.

3. Right-click Maintenance Plans and select Maintenance Plan Wizard. This launches the wizard and you can now step through and create a plan customized to meet your maintenance requirements.

\* Right click on node Maintenance Plans and Click "Maintenance Plan Wizard"

Click next to the wizard description, in the 'select plan properties' click on 'Change'

Select schedule type as 'recurring' and configure your schedule for backup, for example select frequency as 'daily' for daily backups.

### **Case Study: 9**

#### **Baldwin Museum of Science**

##### **Background**

Baldwin Museum of Science has an Active Directory Domain Services (AD DS) domain named BaldwinMuseumOfScience.com.

The domain has a SharePoint environment that contains two farms named ContentFarm and SearchFarm.

ContentFarm includes content and collaboration tools. A custom app named Time Entry is deployed to the App Store on ContentFarm. ContentFarm includes a site collection named HR.

You are planning for a major content and configuration update to the term store in the managed metadata service application that is located on ContentFarm.

SearchFarm is reserved for crawling content and responding to search queries.

##### **ContentFarm Topology**

The topology of ContentFarm is shown in the following table.

<b>Server name</b>	<b>Current role(s)</b>
spc-web01	SharePoint front-end web server
spc-web02	SharePoint front-end web server
SPC-APP01	SharePoint Application Server
SPC-APP02	SharePoint Application Server
SPC-DB01	SQL Server 2012, active member of SQL Server cluster
spc-db02	SQL Server 2012, passive member of SQL Server cluster

ContentFarm has the following characteristics:

- Primary content for the farm is available at the URL SharePoint.BaldwinMuseumOfScience.com.

- Requests for content from the farm are load-balanced between SPC-WEB01 and SPC-WEB02.
- The servers that run Microsoft SQL Server are members of an active/passive cluster that run a failover cluster named SP-SQL01.
- MySites sites for each user are hosted on a separate web application available at the URL my.baldwinmuseumofscience.com.
- Requests for MySites pages are load-balanced between SPC-WEB01 and SPC-WEB02.
- A full backup of the farm is performed once a week.
- An incremental backup of the farm is performed once a day.
- The Site Owner of the HR site collection requires that the HR Site Collection be backed up in full on a daily basis.
- The managed metadata, user profile, and BCS service applications are enabled in the farm.
- All members of the SharePoint developer team belong to an AD DS security group named SharePoint\_App\_Dev.

### **SearchFarm Topology**

The topology of SearchFarm is shown in the following table.

<b>Server name</b>	<b>Current role(s)</b>
sps-crl01	SharePoint crawl server
sps-CRL02	SharePoint crawl server
SPs-QRY01	SharePoint query server
SPs-QRY02	SharePoint query server
SPs-DB01	SQL Server 2012, current host of the database instance for SearchFarm
SPs-DB02	SQL Server 2012, planned mirror server in a high safety with automatic failover database mirroring configuration for SearchFarm
SPs-DB03	SQL Server 2012, planned witness server in a high safety with automatic failover database mirroring configuration for SearchFarm

SearchFarm has the following characteristics:

- The farm currently uses SPS-DB01 as its primary database instance.
- SPS-DB01 has experienced multiple hard drive failures in the last month.
- The identity of the search service application is not documented.

### **Technical Requirements**

The following requirements must be met for ContentFarm and SearchFarm:

- All administrative activities must be performed by using Windows PowerShell.
- Custom applications created by using the SharePoint app model must be deployed to, and hosted in, an internal App Store.
- Site owners must not be able to directly purchase third-party apps from the public SharePoint Store.
- Members of the SharePoint\_App AD DS security group must have the ability to submit new apps and app updates to the App Store of ContentFarm.
- Members of the SharePoint\_App\_Dev AD DS security group must not be granted farm administrator rights in ContentFarm.
- The Time Entry app must remain available to users at all times.
- The contents of ContentFarm must be indexed by the Search service application of SearchFarm.
- All responses to queries submitted by users in ContentFarm must be served by the Search service application of SearchFarm.
- The database resources for SearchFarm must be configured to be highly available by using SQL Server database mirroring with automatic failover.
- MySite content databases must be moved to a separate clustered database instance. The new clustered database instance must be created by using existing database servers in ContentFarm.
- All storage resources for both farms must be redundant and provide high performance for both read and write operations and support disk mirroring.
- A snapshot of the current state of the managed metadata service application must be taken before the service application receives the planned major update.

---

### **Question: 1**

---

You need to configure SPS-DB01.

Which type of storage solution should you implement?

- A. Multiple disks individually attached via Fibre Channel
- B. Multiple disks configured in a RAID 0 array
- C. Multiple disks individually attached via iSCSI
- D. Multiple disks configured in a RAID 5 array
- E. Multiple disks configured in a RAID 10 array

---

**Answer: E**

---

---

### **Question: 2**

---

**HOTSPOT**

You need to back up the HR site collection.

What should you do? (To answer, select the appropriate option from each drop-down list in the answer area.)

- Grant the SharePoint Backup service account and the

service account read and write access to the backup directory.

- Configure a  to back up the site collection by running the  Windows PowerShell cmdlet

.

- Grant the SharePoint Backup service account and the

service account read and write access to the   
 SharePoint Server  
 SQL Server

backup directory.

- Configure a  to back up the site collection

SharePoint farm account  
Windows scheduled task

- by running the  Windows PowerShell cmdlet

Backup-SPFarm  
Backup-SPSite

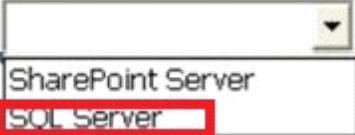
weekly  
 daily

---

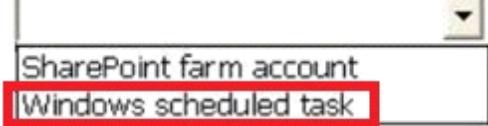
**Answer:**

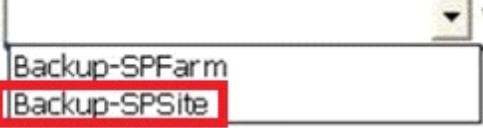
---

- Grant the SharePoint Backup service account and the

 service account read and write access to the

backup directory.

- Configure a  to back up the site collection

by running the  Windows PowerShell cmdlet



Explanation:

Note:

\* SQL Server: The content database is stored in SQL Server.

/ From Scenario: The farm currently uses SPS-DB01 as its primary database instance.

\* Windows Scheduled task to set a reoccurring task.

\* Backup-SPSite Performs a backup of a site collection.

\* Daily

From scenario: The Site Owner of the HR site collection requires that the HR Site Collection be backed up in full on a daily basis.

### Question: 3

DRAG DROP

You need to reconfigure the ContentFarm database topology.

What should you do? (To answer, drag the appropriate options to the correct location or locations in the answer area. Each option 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.)

**Answer Area**

content databases  
service application  
SPC-DB01 and SPC-DB02  
SPC-DB01 only  
SPC-DB02 only  
SP-SQL01 and SP-SQL02  
SP-SQL01 only  
SP-SQL02 only  
web application

- Create a clustered SQL Server instance named SP-SQL02 on .
- Configure  as the active node in the cluster.
- Detach the MySites  from the farm.
- Move the MySites  to .
- After the databases are online, reattach them to the mysites .

**Answer:**

- Create a clustered SQL Server instance named SP-SQL02 on  SPC-DB01 and SPC-DB02.
- Configure  SPC-DB02 only as the active node in the cluster.
- Detach the MySites  content databases from the farm.
- Move the MySites  content databases to  SP-SQL02 only.
- After the databases are online, reattach them to the mysites  web application.

**Explanation:**

**Note:**

\* From Scenario:

/ MySite content databases must be moved to a separate clustered database instance. The new clustered database instance must be created by using existing database servers in ContentFarm.

/ All storage resources for both farms must be redundant and provide high performance for both read and write operations and support disk mirroring.

\* Box 1:

Use both SQL Server 2012 servers (SPC-DB01 and SPC-DB02)

\* Box 2:

/ From Scenario: SPS-DB01 has experienced multiple hard drive failures in the last month.

So we use SPC-DB02 as the active node.

\* Box 3, Box 4, Box 5: We move the content databases to the new SQL Server instance

\* Box 6: Reattach to the web application.

**Question: 4**

You need to replicate the SQL Server logins for the database instance in the search farm and ensure that no replication

related errors are generated.

To which server or servers should you replicate the logins?

- A. SPS-DB02 only
- B. SPS-DB03 only
- C. SPS-DB01 and SPS-DB02 only
- D. SPS-DB01, SPS-DB02, and SPS-DB03

---

**Answer: A**

---

### Question: 5

---

HOTSPOT

You need to configure the environment to support the management of custom applications.

What should you do? (To answer, select the appropriate option from each drop-down list in the answer area.)

- Start the  services.
- Create application pools for the  service applications by using  account.
- Create proxy objects for the service applications.
- Start the  services.
  - App Management and Subscription Settings
  - State Service and App Management
  - State Service and Subscription Settings
  - App Management and Application Discovery
- Create application pools for the  service applications by using  account.
  - App Management and Subscription Settings
  - State Service and App Management
  - State Service and Subscription Settings
  - App Management and Application Discovery
- Create proxy objects for the service applications.

---

**Answer:**

- Box 1: App Management and Subscription Settings.  
Box 2: App Management and Subscription Settings.  
Box 3: A Farm Administrator

Explanation:

Note:

\* From Scenario:

Custom applications created by using the SharePoint app model must be deployed to, and hosted in, an internal App Store.

\* Configure Apps for SharePoint 2013

Box 1:

Enable Services on the server:Browse to “Central Administration → System Settings → Manage Services on server” and ensure that the “App Management Service” and “Microsoft SharePoint Foundation Subscription Settings Service” services are started:

Box 2, Box 3:

Configure the App Management service application and proxy: You can do so by running the following commands in SharePoint 2013 Management Shell (PowerShell) –

A. \$account = Get-SPManagedAccount "<farm account>"

Where: <farm account> is the name of the Farm administrators account in the SharePoint farm

Example: \$account = Get-SPManagedAccount "sp\_farm"

B. \$appPoolSubSvc = New-SPServiceApplicationPool -Name SettingsServiceAppPool -Account \$account

---

## **Question: 6**

You need to back up the Managed Metadata service application before the update.

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

- A. The Backup and Recovery page in Central Administration
- B. SQL Server Management Studio
- C. The Backup-SPFarm Windows PowerShell cmdlet
- D. The Backup-SPSite Windows PowerShell cmdlet
- E. The Backup SqiDatabase Windows PowerShell cmdlet

---

**Answer: A, C**

Explanation:

Typically, Service Applications will be backed up as part of a full farm back-up, along with all other components of the farm, If you want to backup individual service applications such as Managed Metadata service, User Profile Service then you can use Windows PowerShell to back up the SharePoint service application, below steps describes the procedure.

Step1 – User has to added to the SharePoint\_Shell\_Access role for desired database. Use the Add-SPShellAdmin cmdlet to add user to SharePoint\_Shell\_Access role as below

Step2 – Click SharePoint 2013 Management Shell from Start →All Programs  
Type the below command in PowerShell

```
Backup-SPFarm -Directory <BackupFolder> -BackupMethod {Full | Differential} -Item <ServiceApplicationName> [-Verbose]
```

---

## **Question: 7**

You need to redeploy the Time Entry app.

Which two Windows PowerShell cmdlets should you run? (Each correct answer presents a complete solution. Choose two.)

- A. Import-SPAppPackage
- B. Update-SPAppInstance
- C. Install-SPSolution
- D. Install-SPApp
- E. Add SPSolution
- F. Add-SPAppPackage

---

**Answer: A, D**

---

**Explanation:**

A: Use the Import-SPAppPackagecmdlet to import an app package from the content database and create an app inside the site collection by using the SiteCollection parameter.

D: Use the Install-SPAppcmdlet to install an instance of an app within a web application.

\* From scenario

/ ContentFarm includes content and collaboration tools. A custom app named Time Entry is deployed to the App Store on ContentFarm.

**Note:**

\* Publishing:

```
$spapp = Import-SPAppPackage -Path Path to app -Site URL -Source Source  
# Imports the app and sets a variable that you can use to identify the app  
when you install it in the next step.  
  
Install-SPApp -Web URL -Identity $spapp  
# Installs the app to the subweb you specify.
```

**Incorrect:**

B: Use the Update-SPAppInstancecmdlet to update the app instance.

---

## **Question: 8**

---

You need to ensure that app developers have the necessary permission to submit apps for deployment.

Which permission level should you grant to the SharePoint\_App\_Dev group?

- A. App Manager permission level to the Central Administration site
- B. Full Control permission level to the App Store site
- C. Contribute permission level to the App Store site
- D. Farm Administrator permission level to ContentFarm
- E. Full Control permission level to the Central Administration site

---

**Answer: B**

---

## **Case Study: 10**

**Proseware, Inc**

**Background**

**General Background**

You are a SharePoint administrator for a media distribution company named Proseware, Inc. Proseware is in the process of upgrading from SharePoint 2010 to SharePoint 2013. The IT group has deployed a new SharePoint 2013 farm. The farm is not yet fully configured.

You are supporting the product development group during the planning and configuration of the new SharePoint farm. The product development group includes the research, development, and marketing teams. The product development group has multiple team sites and project collaborations sites in the current SharePoint 2010 farm.

### **Business Background**

Stakeholders have identified the following initiatives:

- ProseWeb, a public website that will allow anonymous visitors to browse the company's product catalog.
- PartnerWeb, a public website that will allow authenticated users from partner companies to collaborate on product materials.
- ProductsKB, a centralized repository where teams can publish product-related documents, images, videos, and other information related to the company's product catalog. Information in this site will be consumed by the ProseWeb site.

### **Technical Background**

The company has an Active Directory Domain Services (AD DS) domain named proseware.com. All servers and user accounts are members of the domain. The company has purchased the proseware-apps.com domain to support SharePoint apps.

The SharePoint 2013 farm currently has the following configuration:

- The farm includes seven SharePoint servers named SPWEB1, SPWEB2, SPWEB3, SPWEB4, SPADM1, SPAPP1, and SPAPP2.
- SPWEB1, SPWEB2, SPWEB3, SPWEB4 and SPADM1 are configured as front-end web servers.
- SPADM1 is dedicated for administration purposes.
- Windows Network Load Balancing has been configured to load balance all host names across the front-end web servers.
- Central Administration has been provisioned on SPWEB4 and SPADM1.
- The farm includes two database servers named SQL1 and SQL2 that run Microsoft SQL Server 2012 Enterprise.
- Wildcard certificates for \*.proseware.com and \*.proseware-apps.com have been installed on all SharePoint servers.
- Five web applications have been created:
  - ProseWeb - https://www.proseware.com
  - PartnerWeb - https://partners.proseware.com
  - ProductsKB - https://kb.proseware.com

- Teams - <https://teams.proseware.com>
- Apps - <https://proseware-apps.com>
- The SharePoint development team has created a custom web template solution package named ProseWebTemplate.WSP for provisioning the ProseWeb site collection. The package includes a custom template named ProseWeb.
- An instance of a managed metadata service application has been configured with a content type hub. Two enterprise content types named Product Document and Product Image have been published in the content type hub and are available across all web applications and sites.
- All team collaboration site collections for the product development group are contained in a single content database named sp\_content\_teams\_productdev. The database has been restored on SQL1, and upgraded by using the database attach method on the Teams web application. The site collections have not been ungraded.
- All team collaboration site collections for the product development group are referenced under a wildcard managed path at <https://teams.proseware.com/productdev>.
- The product development marketing team collaboration site is located at <https://teams.proseware.com/productdev/marketing>.
- The marketing team has made significant customizations to their team collaboration site by using Microsoft SharePoint Designer.

## **Business Requirements**

The SharePoint 2013 environment must meet the following business requirements:

- Due to export and copyright restrictions, SharePoint sites may be accessed only from within North America.
- The ProseWeb site must display a fixed-width page design for desktop browsers, and a single responsive web design for all mobile devices. The company's web designers have prepared two site templates that meet these requirements.
- To support the website design layouts, images on the website must be rendered in one of three standard sizes, specified in pixels: Thumbnail (150 x 150), Catalog (300 x 300), and Detail (500 x 500).
- Users must be able to easily copy product-related documents, images, and other files from any team collaboration site to the ProductsKB site. Metadata on content must be preserved when moving or copying content between sites.
- The product development group's team collaboration site collections must be upgraded.

## **Technical Requirements**

You have the following technical requirements:

- SQL Server connections must use TCP and port 1488.
- Site collection upgrades must be throttled for no more than 20 concurrent upgrades within any content database, and throttled at 10 concurrent upgrades for any web application instance.
- If a site collection has been customized by using SharePoint Designer:
- The site collection upgrade must be performed by a farm administrator.
- All customizations must be evaluated and verified before performing the upgrade.
- All sandboxed solution code must run on the same server as the original request.
- Requests originating from outside the company network must not be routed to any server running Central Administration.
- SPAPP1 and SPAPP2 must not process user requests for site content and pages.
- You must deploy the custom web template solution as a full-trust farm solution and use the ProseWeb template when creating the root site collection for the ProseWeb web application.
- The ProductsKB site must be provisioned by using a Records Center site template.

---

### **Question: 1**

---

#### **HOTSPOT**

You need to begin configuring services to support solutions.

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

 Servers  
[Manage servers in this farm](#) [Manage services on server](#)

 E-Mail and Text Messages (SMS)  
[Configure outgoing e-mail settings](#) |  
[Configure incoming e-mail settings](#) |  
[Configure mobile account](#)

 Farm Management  
[Configure alternate access mappings](#) |  
[Manage farm features](#) [Manage farm solutions](#)  
[Manage user solutions](#) [Configure privacy options](#) |  
[Configure cross-firewall access zone](#)

---

**Answer:**

---

 Servers  
[Manage servers in this farm](#) [Manage services on server](#)

 E-Mail and Text Messages (SMS)  
[Configure outgoing e-mail settings](#) |  
[Configure incoming e-mail settings](#) |  
[Configure mobile account](#)

 Farm Management  
[Configure alternate access mappings](#) |  
[Manage farm features](#) [Manage farm solutions](#)  
[Manage user solutions](#) [Configure privacy options](#) |  
[Configure cross-firewall access zone](#)

Explanation:

Note:

\* Manage Farm Solutions: This option allows you to manage solutions in the farm. Again, no change when compared to SharePoint 2010.

## Question: 2

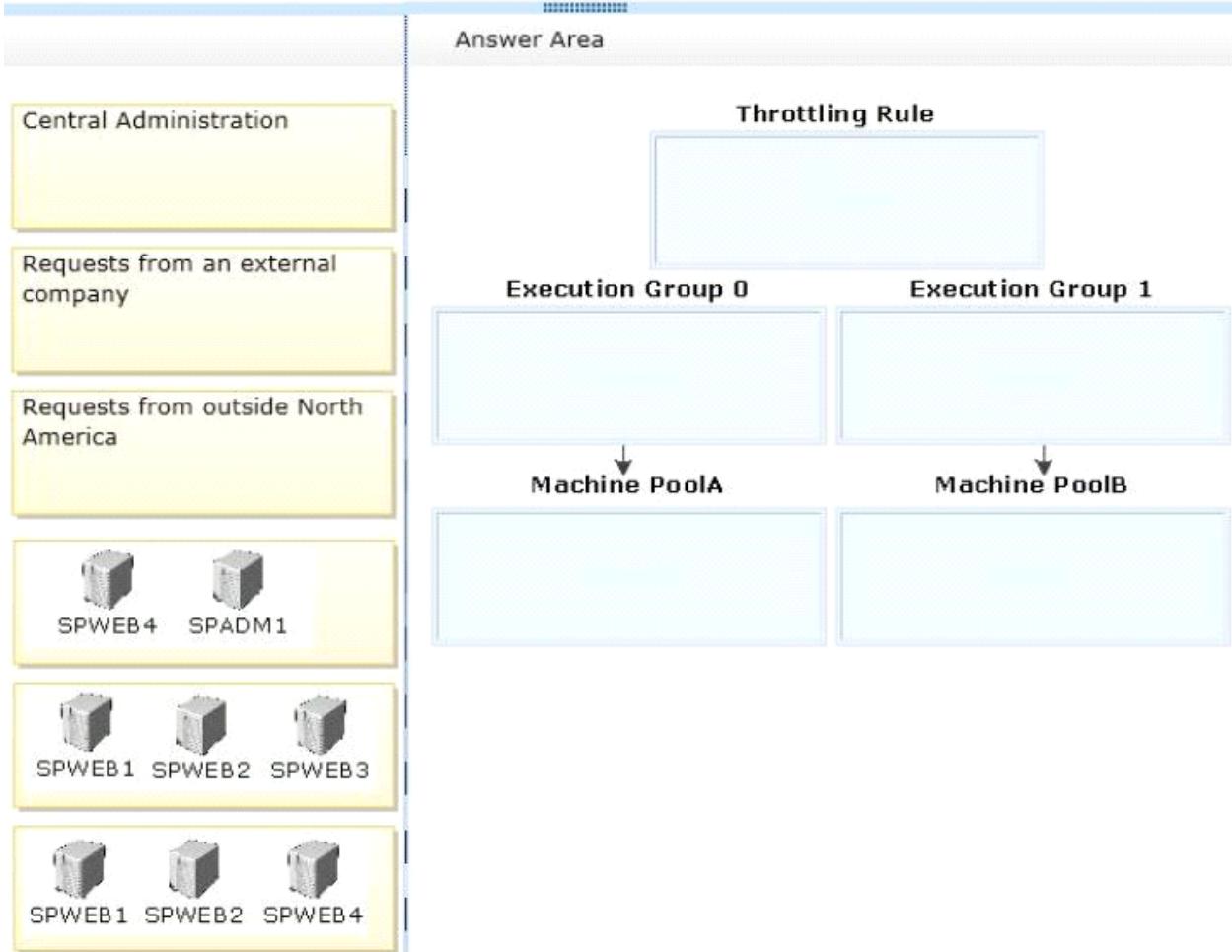
---

DRAG DROP

You are planning for high availability of the SharePoint environment.

You need to plan the Request Manager configuration.

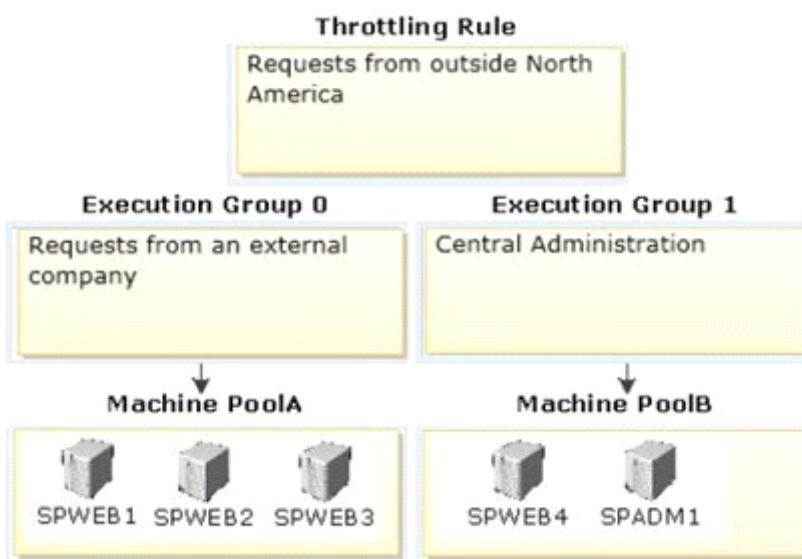
How should you configure Request Manager? (To answer, drag the appropriate elements to the correct positions in the answer area. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)




---

**Answer:**

---



Explanation:

Note:

\* From scenario:

/ Due to export and copyright restrictions, SharePoint sites may be accessed only from within North America  
Here implemented through the Throttling Rule.

/ Requests originating from outside the company network must not be routed to any server running Central Administration.

/ Central Administration has been provisioned on SPWEB4 and SPADM1.  
Here available only for Execution Group 1.

\* Throttling Rules

A Throttling Rule is the definition of the criteria to evaluate before refusing requests which match the criteria. Throttling Rules are NOT associated with a Machine Pool or an Execution Group. Throttling Rules can have an expiry time set.

\* Execution Groups

A Execution Group is a collection of Routing Rules which allows the precedence of rule evaluation to be controlled and Routing Rules to be managed in batches. There are three execution groups (0, 1 & 2) which are evaluated in order. If no Execution Group for a Routing Rule is specified it is associated with Execution Group 0.

\* SharePoint Server 2013 introduces a new capability called Request Management. Request Management allows SharePoint to understand more about, and control the handling of, incoming requests. Request Management employs a rules based approach, which enables SharePoint to take the appropriate action for a given request based upon administrator supplied configuration.

### **Question: 3**

DRAG DROP

You are preparing to create the ProductsKB site.

You need to create and configure the ProductsKB site to store product images.

Which four 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.)

Answer Area	
Configure a Content Organizer rule on the Product Image content type.	
Activate the Content Organizer site feature.	
Add the Product Image content type to the asset library.	
Create an asset library.	
Create a records center at the root path of the ProductsKB web application.	
Turn on the <b>Allow Management of Content Types</b> setting on the asset library.	

**Answer:**

Box 1: Activate the Content Organizer site feature.

Box 2: Create an asset library.

Box 3: Add the Product Image content type to the asset library.

Box 4: Configure a Content Organizer rule on the Product Image content type.

**Explanation:**

**Note:**

\* The Content Organizer is a SharePoint feature that can automatically manage some important library tasks. This not only saves time, but can help make sure that a document library is managed consistently.

\* The Content Organizer can automatically do the following tasks:

/ Route documents to different libraries or folders In effect, the Content Organizer acts as a gatekeeper for documents. Each time that a document is uploaded, the Content Organizer uses rules that you created to determine where it should move the document. Then, it routes the document to the correct library or folder, which can be located in a different site collection. Rules can be based on a combination of content types and metadata.

/ More tasks. Not listed here.

\* To determine how to route a document, Content Organizer uses rules that you create. Rules are based on a combination of content types and metadata.

\* Before you create rules: First steps

There are several important steps that you have to follow before you create rules for routing documents.

1. Activate the Content Organizer feature.

2. Create libraries and folders that you want documents to be routed to. You might want to create folders for each type of document that you are routing. For example, create a library just for e-mail records or Excel spreadsheets. To learn about how to create libraries, see the links in the See Also section.

3. Content types must be associated with documents that are to be routed. In them, the content type can be part of the criteria that determines the final location where a document is stored.

\* Create rules to route documents

For each record type that you add to the Record Routing list, you specify a record title and description. You also specify the location in the site where the record is stored. To make sure that all relevant records are routed to the appropriate location, you can specify alternate names for the record type.

Navigate to the site for which you want to create Content Organizer rules.

On the Quick Launch panel, click More... to see the Site Contents options.

From the Apps menu line, click Settings.

4.On the Site Settings page, under the Site Administration section, click Content Organizer Rules.

Etc.

Reference: Set up an Asset Library to store image, audio, or video files

---

#### **Question: 4**

---

You are configuring the ProseWeb site.

You need to ensure that the site content displays correctly on all devices.

What should you do?

- A. Create a composed look and select the Mobile View option.
- B. Configure a browser cookie named deviceChannel and set the value to Mobile.
- C. Activate the Enable Mobile Views feature on the website.
- D. Configure a device channel. Specify the value MSIE10.0 for the device inclusion rule.
- E. Configure a device channel. Specify the value \$FALLBACKMOBILEUSERAGENTS for the device inclusion rule.

---

**Answer: E**

---

---

#### **Question: 5**

---

You need to upgrade the appropriate site collections.

Which two sets of Windows PowerShell cmdlets should you run? (Each correct answer presents part of the solution. Choose two.)

- A. \$wa = Get-SPWebApplication <https://teams.proseware.com> and  
\$wa.SiteUpgradeThrottleSettings.AppPoolConcurrentUpgradeSessionLimit = 10
- B. \$db = Get-SPContentDatabase "sp\_content\_teams\_productdev" and \$db.ConcurrentSiteUpgradeSessionLimit = 40
- C. \$wa = Get-SPWebApplication <https://teams.proseware.com/productdev> and  
\$wa.SiteUpgradeThrottleSettings.AppPoolConcurrentUpgradeSessionLimit = 10
- D. \$wa = Get-SPWebApplication <https://teams.proseware.com> and \$wa.SiteUpgradeThrottleSettings = 10
- E. \$db = Get-SPContentDatabase "sp\_content\_teams\_productdev" and \$db.ConcurrentSiteUpgradeSessionLimit = 20
- F. \$db = Get-SPContentDatabase "sp\_content\_teams\_productdev" and  
\$db.SiteUpgradeThrottleSettings.AppPoolConcurrentUpgradeSessionLimit = 20

---

**Answer: A, E**

---

Explanation:

A: <https://teams.proseware.com>

SiteUpgradeThrottleSettings

Throttle Limit 10 : 10 concurrent upgrades for any web application instance

E: SiteUpgradeThrottleSettings

ConcurrentSiteUpgradeSessionLimit = 20

20 concurrent upgrades

- \* From scenario:
- / Site collection upgrades must be throttled for no more than 20 concurrent upgrades within any content database, and throttled at 10 concurrent upgrades for any web application instance.

### Question: 6

You are preparing to migrate to the new SharePoint environment.

You need to configure SQL Server connectivity.

What should you do?

- A. Configure a SQL Server client alias.
- B. Configure a CNAME alias for SQL1.
- C. Configure Request Management and specify a routing rule for database connections.
- D. Configure a SQL Server failover cluster.

**Answer: A**

### Question: 7

DRAG DROP

You are configuring the ProseWeb site.

You need to create the root site collection on the web application.

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.)

#### Answer Area

Upload the solution package to the Solutions gallery of the ProseWeb site collection, and activate the solution.

Run the **Install-SPSolution** Windows PowerShell cmdlet.

Start the Microsoft SharePoint Foundation Sandboxed Code Service on at least one server in the farm from Central Administration.

Run the **Add-SPSolution** Windows PowerShell cmdlet.

In Central Administration, create a new site collection based on the custom ProseWeb template.

**Answer:**

Box 1:

Run the **Add-SPSolution** Windows PowerShell cmdlet.

Box 2:

Run the **Install-SPSolution** Windows PowerShell cmdlet.

Box 3:

In Central Administration, create a new site collection based on the custom ProseWeb template.

Explanation:

Note:

- \* Add-SPSolution uploads a SharePoint solution package to the farm.
- \* The Install-SPSolutioncmdlet deploys an installed SharePoint solution in the farm. Use the Add-SPSolutioncmdlet to install a SharePoint solution package in the farm.

### Question: 8

You need to configure the Send To connection.

Which URL should you specify?

- A. <https://kb.proseware.com/dropofflibrary>
- B. [https://kb.proseware.com/\\_vti\\_bin/officialfile.asmx](https://kb.proseware.com/_vti_bin/officialfile.asmx)
- C. [https://teams.proseware.com/\\_vti\\_bin/copy.asmx](https://teams.proseware.com/_vti_bin/copy.asmx)
- D. [https://teams.proseware.com/\\_vti\\_bin/officialfile.asmx](https://teams.proseware.com/_vti_bin/officialfile.asmx)

Answer: B

\* From scenario:

- / The ProductsKB site must be provisioned by using a Records Center site template.
- / ProductsKB - <https://kb.proseware.com>
- \* We should append \_vti\_bin/officialfile.asmx as a default to the URL.

Reference: SharePoint 2010 Document Center Send To Connection Setup Walkthrough

### Question: 9

You need to configure caching to support the ProseWeb site design elements.

Which cache should you configure?

- A. BLOB cache
- B. Site collection output cache
- C. Site collection object cache
- D. Site output cache

Answer: A

---

## **Question: 10**

---

You need to configure the site collection upgrade settings.

Which Windows PowerShell cmdlets should you run?

- A. \$site = Get-SPSite <https://teams.proseware.com/productdev/marketing> and \$site.UpgradeReminderDelay = 0 and \$site.UpgradeMaintenanceLink = \$n
- B. \$site = Get-SPSite <https://teams.proseware.com/productdev/marketing> and \$site.AllowSelfServiceUpgrade = \$false
- C. \$site = Get-SPSite <https://teams.proseware.com/productdev/marketing> and \$site.AllowSelfServiceUpgrade = \$true
- D. \$site = Get-SPSite <https://teams.proseware.com/productdev/research> and \$site.AllowSelfServiceUpgrade = \$false
- E. \$site = Get-SPSite <https://teams.proseware.com/productdev/research> and \$site.AllowSelfServiceUpgrade = \$true

---

## **Answer: B**

---

### **Case Study: 11**

#### **Contoso Ltd**

##### **Background**

A company named Contoso, Ltd. has offices in Seattle and Toronto. Each office has a data center and a region-specific site in a single Active Directory Domain Services (AD DS) domain named contoso.com. The database servers run Microsoft SQL Server 2008 R2. Database servers are installed in each data center and are members of the region-specific sites. The WAN connection between the data centers is a dedicated T3 connection.

##### **Existing Corporate Farm**

Contoso has a SharePoint farm named HQ-SP10. The SharePoint servers in the farm run SharePoint Server 2010 on Windows Server 2008 R2.

HQ-SP10 hosts many web applications that require unique service accounts. A SharePoint 2010 web application named WebApp1 is located at <https://webapp1.contoso.com>. WebApp1 references a custom knowledge base module in HQ-SP10 and the content is stored in the SharePoint database HQDB. Employees authenticate to WebApp1 by using classic mode authentication.

Users in both offices make frequent updates to SharePoint content. Administrators make only minimal changes to the SharePoint farm settings and web applications.

##### **Existing Product Support Farm**

The product support department hosts a SharePoint farm named DEPT-SP13. The SharePoint servers in the farm run SharePoint Server 2013 and are members of a domain named PrdSupport.contoso.com.

DEPT-SP13 hosts two service applications:

- A built-in service application provides access to a business data model connected to the company's data warehouse.
- A custom service application named SvcApp1 provides access to data in a legacy system.

Users in the product support department access the service applications by using a local web application named WebApp2. WebApp2 is located at [webapp2.contoso.com](http://webapp2.contoso.com) and is stored in the SharePoint database DEPTDB. Users in other departments access the service applications by using WebApp1.

##### **Technical Challenges**

You are upgrading HQ-SP10 and the web applications hosted in the farm to a new SharePoint Server 2013 farm named HQ-SP13.

When upgrading the content database to SharePoint Server 2013, you receive the following error message:

ERROR Template OSRV#0: SPSite Id=cb2d9a3c-a2cc-cc3b-c4e9-43ef84590c82 could not be accessed due to exception. Skipping SPWeb Id=a52165cb-abb3-5c72-77ef-8516b70583a4 for template upgrade. Exception: System.IO.FileNotFoundException: The site with the id cb2d9a3c-a2cc-cc3b-c4e9-43ef84590c82 could not be found.

## **Business Requirements**

The SharePoint 2010 environment must meet the following business requirements:

- HQ-SP10 must provide read-only access to users during the migration.
- All customizations in HQ-SP10 must be migrated to HQ-SP13.

The SharePoint 2013 environment must meet the following business requirements:

- HQ-SP13 and the web applications must remain available if one of the SharePoint servers or database servers is offline.
- Users' documents stored in HQ-SP13 must be available if all the servers in a region are offline.
- Shared resources in SvcApp1 must be available to other SharePoint farms in the company.
- All customizations in HQ-SP13 must be verified after the farm upgrade.
- Periodically, you must provide an offline copy of site content from HQ-SP13 to the legal department.

## **Technical Requirements**

You have the following technical requirements:

All users must be able to access the business data model for the company data warehouse.

Backup administrators must be able to restore HQ-SP13, WebApp1, and SvcApp1 separately.

The SharePoint 2013 environment for HQ-SP13 must meet the following technical requirements:

- The database servers must run Microsoft SQL Server 2012.
- The databases must belong to a SQL Server AlwaysOn Availability Group and use the WAN connection for database replication between the sites.
- The database servers must be configured with the Enable Contained Databases property.
- Application pools for the web applications require unique service accounts.
- After the upgrade, users in the accounting department who connect to WebApp1 must be able to access shared resources in SvcApp1.

---

## **Question: 1**

---

Before you upgrade the web application, you need to validate that customizations will continue to function. Which Windows PowerShell cmdlet should you run?

- A. Test-SPSite -Identity <http://webapp1.contoso.com>

- B. Test-SPContentDatabase -Identity HQDB -WebApplication <http://webapp1.contoso.com>
- C. Test-SPSite -Identity <http://webapp2.contoso.com>
- D. Test-SPContentDatabase -Identity DEPTDB -WebApplication <http:// webapp2.contoso.com>
- E. Get-SPUpgradeActions -AssignmentCollectionspweb

---

**Answer: B**

---

### **Question: 2**

---

You need to comply with the requirements of the legal department.

Which two Windows PowerShell cmdlets should you run? (Each correct answer presents part of the solution. Choose two.)

- A. Mount-SPContentDatabase
- B. Restore-SPFarm
- C. Export-SPWeb
- D. Get-SPContentDatabase
- E. Backup-WebConfiguration

---

**Answer: B, C**

---

Explanation:

- \* The Export-SPWebcmdlet exports a site, list, or library. The capability to export from a library is a new feature in SharePoint 2013.
  - \* The Restore-SPFarmcmdlet restores one or more items from a backup such as an individual database, Web application, or the entire farm. This cmdlet can also be used to apply a farm template to the entire farm.
- \* From Scenario:  
/ Periodically, you must provide an offline copy of site content from HQ-SP13 to the legal department.

### **Question: 3**

---

You need to ensure that users can edit the appropriate documents by using Office Web Apps.

Which Windows PowerShell cmdlet should you run?

- A. Set-SPWebApplication -Identity "<https://webapp2.contoso.com>" -AdditionalClaimProvider –Force
- B. Set-SPWebApplication -Identity "<https://webapp1.contoso.com>" -AdditionalClaimProvider –Force
- C. Convert-SPWebApplication -Identity "<https://webapp2.contoso.com>" -To Claims -Retain Permissions
- D. Convert-SPWebApplication -Identity "<https://webapp1.contoso.com>" -To Claims -Retain Permissions

---

**Answer: D**

---

### **Question: 4**

---

You need to configure authentication for the WebApp1 application pool account.

What should you do?

- A. Add the application pool account to the db\_owner fixed database role in the Master database.
- B. Add the application pool account to a contained database.
- C. Copy the application pool account from the primary replica databases to the secondary replica databases.

D. Re-create the application pool account in SharePoint Server 2013.

---

**Answer: B**

---

**Question: 5**

---

HOTSPOT

You are configuring service applications to support access to the company data warehouse.

You need to assign permissions.

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

Name

**Access Services Web**

Access Services Web

**Application Discovery and Load Balancer Service Application**

Application Discovery and Load Balancer Service Application

Proxy\_aa2914cc-0e22-47f8-9b93-1df38500d9c1

**Application Management**

Application Management

**Business Data Connectivity**

Business Data Connectivity

**Excel Services Application Web**

Excel Services Application Web

---

**Answer:**

---

Name

**Access Services Web**

Access Services Web

**Application Discovery and Load Balancer Service Application**

Application Discovery and Load Balancer Service Application

Proxy\_aa2914cc-0e22-47f8-9b93-1df38500d9c1

**Application Management**

Application Management

**Business Data Connectivity**

Business Data Connectivity

**Excel Services Application Web**

Excel Services Application Web

Explanation:

Note:

Application Discovery and Load Balancer Service Application

Business Data Connectivity

\* From scenario:

/ DEPT-SP13 hosts two service applications:

A built-in service application provides access to a business data model connected to the company's data warehouse.

### **Question: 6**

You need to configure the required level of access to the SharePoint 2010 farm prior to the migration.

What should you do?

- A. In the corporate farm, run the ALTER DATABASE Transact-SQL statement.
- B. In the corporate farm, run the CONFIG DATABASE Transact-SQL statement.
- C. In the product support farm, run the CONFIG DATABASE Transact-SQL statement.
- D. In the product support farm, run the ALTER DATABASE Transact-SQL statement.

**Answer: A**

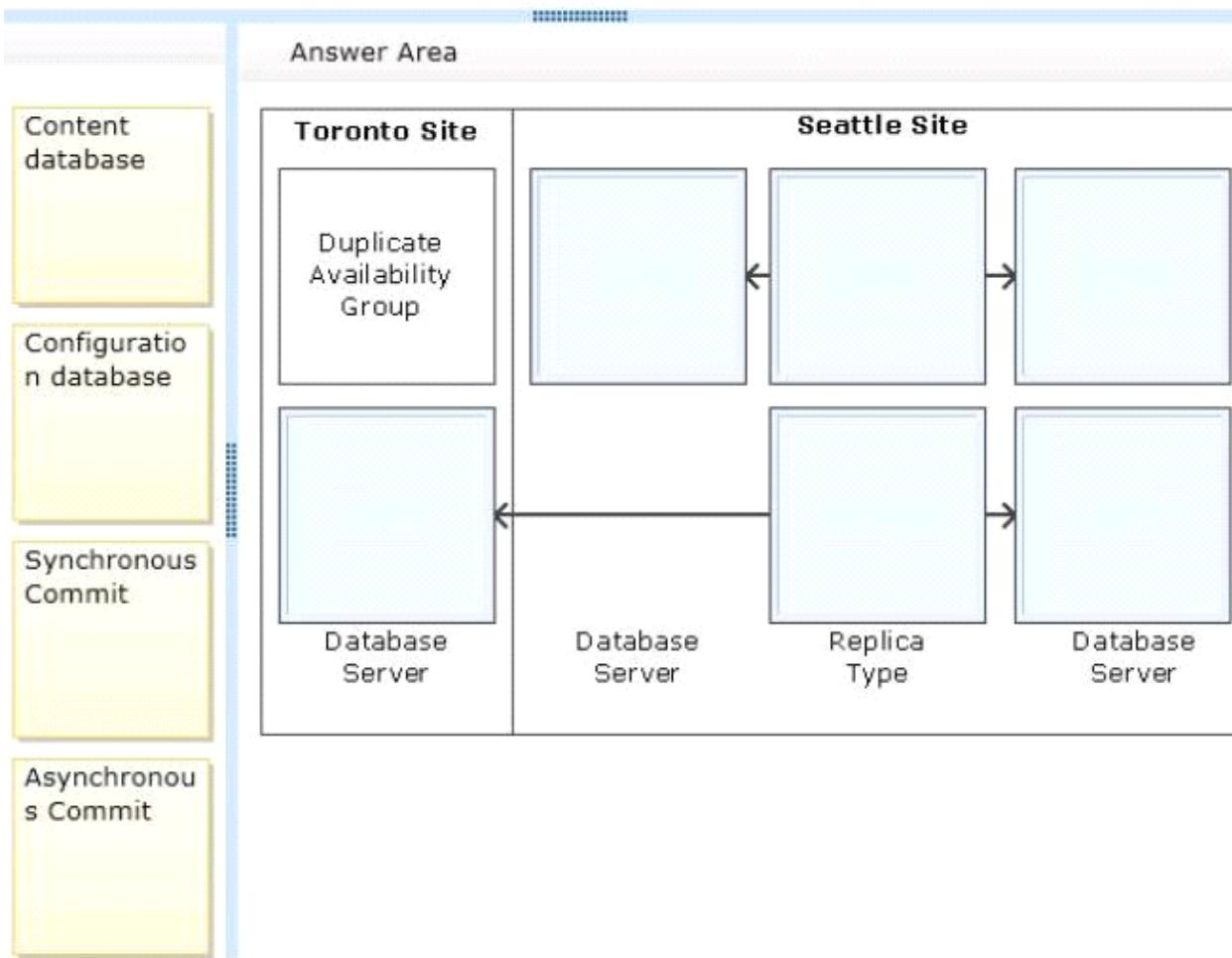
### **Question: 7**

DRAG DROP

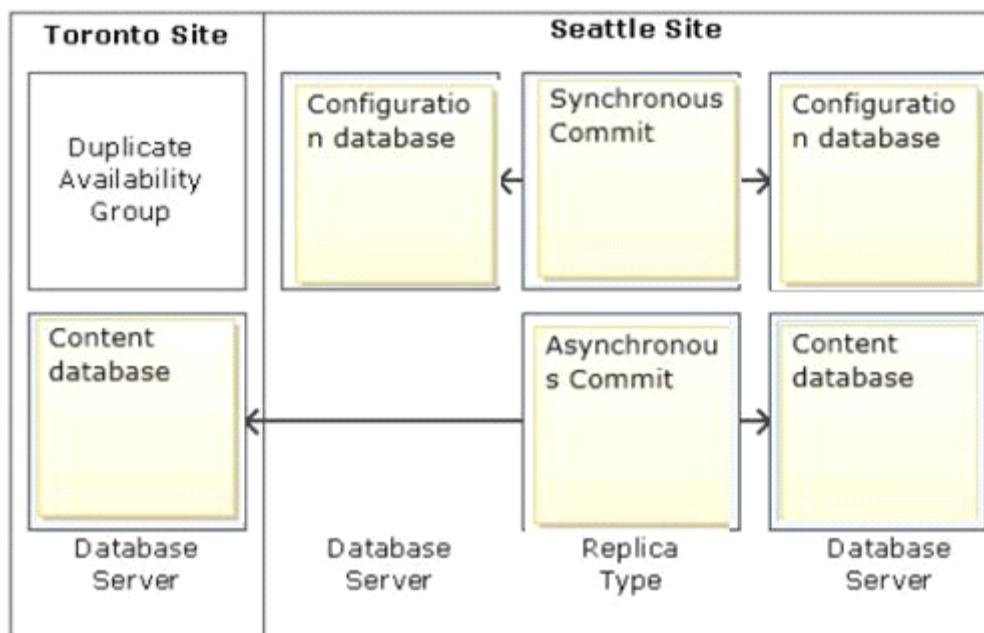
You need to configure the database servers for high availability.

What should you do? (To answer, drag the appropriate elements to the correct target or targets in the answer area. Each element 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.)



**Answer:**



Explanation:

Note:

- \* The content database should be placed on the database servers.
- \* The configuration database can replicated synchronously locally on the Seattle site.
- \* From scenario:
  - / The databases must belong to a SQL Server AlwaysOn Availability Group and use the WAN connection for database replication between the sites.

This implies an Asynchronous commit Commit Replica Type.

---

### **Question: 8**

---

You need to choose a backup solution.

Which solution should you choose?

- A. SharePoint backup from the Central Administration console
- B. SQL Server backup by using SQL Server Management Studio
- C. Windows Server Backup in Windows Server 2012
- D. SharePoint backup by using Data Protection Manager (DPM)

---

**Answer: A**

---

---

### **Question: 9**

---

**DRAG DROP**

You need to make the required resources available for users in the accounting department.

Which four 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.)

Answer Area
Connect to SvcApp1 on HQ-SP13. Add SvcApp1 to WebApp1.
Publish SvcApp1 on HQ-SP13.
Publish SvcApp1 on DEPT-SP13.
Set the permission for SvcApp1 to <b>Full Control</b> on DEPT-SP13.
Connect to SvcApp1 on DEPT-SP13. Add SvcApp1 to WebApp1.
Exchange trust certificates between HQ-SP13 and DEPT-SP13.
Set the permission for SvcApp1 to <b>Full Control</b> on HQ-SP13.

**Answer:**

Box 1: Set the permission for SvcApp1 to full Control on DEPT-Sp13.

Box 2: Exchange trust certificates between HQ-Sp13 and DEPT-Sp13.

Box 3: Connect to SvcApp1 on HQ-SP13. Add SvcApp1 to WebApp1.

Box 4: Publish SvcApp1 on HQ-Sp13.

**Explanation:**

**Note:**

\* From scenario:

/ After the upgrade, users in the accounting department who connect to WebApp1 must be able to access shared resources in SvcApp1

/ A custom service application named SvcApp1 provides access to data in a legacy system.

/ Shared resources in SvcApp1 must be available to other SharePoint farms in the company.

/ HQ-SP10 hosts many web applications that require unique service accounts. A SharePoint 2010 web application named WebApp1 is located at <https://webappl.contoso.com>. WebApp1 references a custom knowledge base module in HQ-SP10 and the content is stored in the SharePoint database HQDB. Employees authenticate to WebApp1 by using classic mode authentication.

/ DEPT-Sp13 is the old server. HQ-Sp13 is the new server.

/ Current scenario:

DEPT-SP13 hosts two service applications:

A built-in service application provides access to a business data model connected to the company's data warehouse. A custom service application named SvcApp1 provides access to data in a legacy system.

**Question: 10**

You need to resolve the SharePoint database error.  
What should you do?

- A. Add a new request URL mapping to the web application.
- B. Remove the orphaned objects from the database.
- C. Set the databases to read-write.
- D. Add the managed path for the site collection to the web application.

---

**Answer: D**

---

**Explanation:**

ERROR Template Template Id: SPSite Id=Site Id could not be accessed due to exception. Skipping SPWeb Id=Web Id for template upgrade. Exception: System.IO.FileNotFoundException: The site with the id Site Id could not be found. This error indicates that a managed path is missing. Add the managed path for the site collection into the web application and restart upgrade for the content database that contains this site collection.

Ref: [http://technet.microsoft.com/en-us/library/cc262967\(v=office.15\).aspx](http://technet.microsoft.com/en-us/library/cc262967(v=office.15).aspx)

## **Case Study: 12**

### **Mix Questions Part 2**

---

#### **Question: 1**

---

You are configuring SharePoint 2013 to support business intelligence.

You need to install PowerPivot for SharePoint.

What should you do?

- A. Download and install PowerPivot for SharePoint from the PowerPivot SQL Server 2008 R2 SP1 Feature Pack webpage.
- B. Run the SQL Server 2008 setup package.
- C. Download and install PowerPivot for SharePoint from the PowerPivot SQL Server 2012 Feature Pack webpage.
- D. Download and install PowerPivot for SharePoint from the PowerPivot SQL Server 2012 SP1 Feature Pack webpage.

---

**Answer: D**

---

---

#### **Question: 2**

---

You are configuring a SharePoint farm.

You have the following requirements:

Implement an enterprise resource pool.

Enable tasks to be assigned to users.

Implement a resource breakdown structure.

You need to implement a solution that meets the requirements.

What should you do?

- A. Create a SharePoint team site.
- B. Provision a Microsoft Project web app.
- C. Create a SharePoint task list.
- D. Import a Microsoft Excel spreadsheet as a custom list.

---

**Answer: B**

---

**Question: 3**

You are implementing a claims-based authentication solution for a SharePoint farm in an Active Directory Domain Services domain. You install and configure Active Directory Federation Services (AD FS).

You need to ensure that all web applications in the farm support SAML-based claims authentication.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Configure AD FS with the web application as a relying party.
- B. Configure web applications to use forms-based authentication and AD FS as the trusted identity provider.
- C. Configure web applications to use claims-based authentication and AD FS as the trusted identity provider
- D. Configure web applications to use classic mode authentication and AD FS as the trusted identity provider.
- E. Configure SharePoint to trust AD FS as an identity provider.

---

**Answer: A, C, E**

Explanation:

Configure SAML-based claims authentication with AD FS in SharePoint 2013

This configuration has the following phases that must be performed in consecutive order:

Phase 1: Install and configure an AD FS server

(A) Phase 2: Configure AD FS with the web application as a relying party

(E) Phase 3: Configure SharePoint 2013 to trust AD FS as an identity provider

(C) Phase 4: Configure web applications to use claims-based authentication and AD FS as the trusted identity provider

Reference: Configure SAML-based claims authentication with AD FS in SharePoint 2013

---

**Question: 4**

You are moving a customized SharePoint site collection to a new farm. You attach and mount the source content database in the destination farm.

You need to ensure that all customizations from the source farm are available in the destination farm.

What should you do?

- A. Install all custom applications in the destination farm.
- B. Copy all custom master pages from the source site collection to the Style Library in the destination site collection.
- C. Copy all SharePoint groups and users from the source farm to the destination farm.
- D. Copy all custom master pages from the source site collection to the master page gallery in the destination site collection.

---

**Answer: A**

---

**Question: 5**

An organization upgrades a SharePoint 2010 environment to SharePoint 2013. A site collection is running in SharePoint 2010 compatibility mode.

You must verify that the following features will function correctly when the site collection is upgraded to SharePoint 2013 native mode:

List views

Custom web parts

Content query web parts

Subsites

You need to ensure that you can perform verification testing without impacting the current user experience.  
What should you do?

- A. Upgrade the site collection to SharePoint 2013.
- B. Perform a database attach upgrade.
- C. Enable the Visual Upgrade option for the site collection.
- D. Generate an upgrade evaluation site collection.

---

**Answer: D**

---

### Question: 6

---

DRAG DROP

A company plans to upgrade from a SharePoint Server 2010 farm to a SharePoint Server 2013 farm.

You plan to install components that are required on the new farm before upgrading.

You need to identify the customizations that must be installed on the new farm.

Which command should you run? (To answer, drag the appropriate command and switch to the correct locations in the answer area.)

Answer Area	
-o enumallwebs	
-o enumdeployments	
-o enumcontentdbs	
psconfig.exe	
Get-SPContentDatabase	
stsadm.exe	

-includewebparts

-includefeatures

---

**Answer:**

---

stsadm.exe	
-o enumallwebs	

-includewebparts

-includefeatures

Explanation:

Note:

Identify all server-side customizations and install them before you upgrade

One common error during upgrade is missing server-side files — either files that were installed with SharePoint 2010

Products or customized files. When you prepared for upgrade, you should have created an inventory of the server-side customizations (such as site definitions, templates, features, Web Parts, assemblies) that your sites required. Check this inventory to make sure that all the files that are needed for your customizations are installed in your new environment.

You can use the enumallwebs operation in Stsadm.exe to identify server-side customizations that are being used.

## Question: 7

DRAG DROP

An organization migrates a SharePoint environment from SharePoint 2010 to SharePoint 2013. The organization has a web application at <http://intranet.contoso.com>.

A corporate governance policy states that users of the web application must be able to create sites only with a compatibility level of SharePoint 2013.

You need to implement the governance policy.

Which three Windows PowerShell cmdlets should you run in sequence? (To answer, move the appropriate cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.)

Answer Area
\$wa.Validate()
\$wa.Update()
\$wa.CompatibilityRange = [Microsoft.SharePoint.SPCCompatibilityRange]::NewVersion
\$wa=Get-SPWebApplication http:// intranet.contoso.com
\$wa.CompatibilityRange = [Microsoft.SharePoint.SPCCompatibilityRange]::AllVersions

**Answer:**

Box 1:

\$wa=Get-SPWebApplication http://  
intranet.contoso.com

Box 2:

\$wa.CompatibilityRange =  
[Microsoft.SharePoint.SPCCompatibilityRange]::NewVersion

Box 3:

\$wa.Update()

**Explanation:**

**Note:**

\* RangeName is one of the following values: OldVersions, NewVersion, AllVersions.

Here we must NewVersion as " the web application must be able to create sites only with a compatibility level of SharePoint 2013".

\* The last step is to validate.

\* At the Windows PowerShell command prompt, type the following command to change the compatibility range

settings to a specific range:

```
$wa=Get-SPWebApplication<URL>  
# Stores the web application at that URL as a variable
```

```
$wa.CompatibilityRange = [Microsoft.SharePoint.SPCompatibilityRange]::<RangeName>
```

```
# Specifies which range to use
```

```
$wa.Update()
```

```
# Updates the CompatibilityRange setting to use only the range you specified
```

```
$wa.CompatibilityRange
```

```
# Returns the new CompatibilityRange for the web application
```

Where:

<URL> is URL for the web application that you want to change.

RangeName is one of the following values: OldVersions, NewVersion, AllVersions.

Reference: To change compatibility range for site creation modes for a web application by using Windows PowerShell

---

### **Question: 8**

A SharePoint 2010 environment contains a Microsoft SQL Server 2008 R2 database instance named SP-SQL that hosts the databases for the farm.

You are upgrading the farm to SharePoint 2013.

You need to ensure that users can access the unmodified farm contents during the upgrade process.

What should you do?

- A. In SQL Server Management Studio, locate the SQL Server instance containing the content databases and service application databases you plan to upgrade. Set the Instance Read-Only value to True.
- B. Run the following Transact-SQL (T-SQL) statement for each content database and service application you plan to upgrade. `ALTER DATABASE <database name>SET READ_ONLY;`
- C. Run the following command-line tool for each site collection in the content databases you plan to upgrade. `stsadm -o setsitelock -urKsite collection name> -lock readonly`
- D. Sign in to Central Administration in the SharePoint 2010 environment you plan to upgrade. Set each content database and service application database to Read-Only.

---

### **Answer: B**

---

Explanation:

Set the previous version databases to be read-only

If you want your original environment to remain available to users in a read-only state, set the databases to read-only before you back them up.

Complete this step for each content database in your environment.

Depending on your organization, you might need a database administrator to complete this step.

Incorrect:

Not A: The content databases, not the server instance, should be set to Read-only.

Note:

\* To set content databases to be read-only

1. Verify that you have the following administrative credentials: You must be a member of the db\_ownerfixed database role in each database.
2. Open SQL Server Management Studio.
3. Right-click the content database that you want to change to read-only, and then click Properties.
4. Select the Options page, and, in the Other options list, scroll to the State section.
5. In the Database Read-Only row, click the arrow next to False, select True, and then click OK.
6. Repeat for all other content databases.

\* A farm is considered to be read-only if any of the following are true:

- /All content databases are set to read-only.  
 /Service application databases are set to read-only.

### Question: 9

#### DRAG DROP

You are preparing to upgrade from a SharePoint 2010 environment to a SharePoint 2013 environment. The SharePoint 2010 environment includes a large number of content databases. You restore backups of the content databases to the Microsoft SQL Server instance in the SharePoint 2013 environment. You need to upgrade all content databases and minimize monitoring requirements. What should you do? (To answer, drag the appropriate terms to the correct location or locations 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.)

Answer Area	
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">starts</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">finishes</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">new instances</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;">the same instance</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"><b>Add-SPContentDatabase</b></div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"><b>Mount-SPContentDatabase</b></div>	<p>Start the SharePoint 2013 Management Shell.</p> <p>Attach a SharePoint 2013 content database by running the <b>Mount-SPContentDatabase</b> Windows PowerShell cmdlet.</p> <p>Wait until the process to attach the database <b>starts</b>.</p> <p>Then repeat the process for each content database by using <b>new instances</b> of the SharePoint 2013 Management Shell.</p>

### Answer:

Start the SharePoint 2013 Management Shell.

Attach a SharePoint 2013 content database by running the **Mount-SPContentDatabase** Windows PowerShell cmdlet.

Wait until the process to attach the database **starts**.

Then repeat the process for each content database by using **new instances** of the SharePoint 2013 Management Shell.

#### Explanation:

##### Note:

\* To attach a content database to a web application by using Windows PowerShell

Start the SharePoint 2013 Management Shell.

At the Windows PowerShell command prompt, type the following command and then press ENTER:

`Mount-SPContentDatabase -Name DatabaseName -DatabaseServerServerName -WebApplication URL`

\* Attach the remaining databases (no need to wait until first command finishes and use new instance)

After you restore the first content database and verify success, you can continue to restore and upgrade other databases. You can perform parallel database attach upgrades to upgrade more than one database at a time. Use separate Command Prompt windows (i.e new instance) to run multiple upgrades. It is recommended that you separate the start time for each new database upgrade session by several minutes to prevent issues with temporary locks set for the web application during attachment. Otherwise you might receive an error on the upgrade session. The wait time to clear temporary locks varies depending on the number of site collections, or the speed of the database server hardware.

Reference: Upgrade content databases to SharePoint

## Question: 10

DRAG DROP

An organization plans to deploy Microsoft Project Server 2013.

You need to install and configure Project Server in an existing SharePoint farm.

Which four 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.)

Answer Area
Install the Project Server 2013 binaries on the existing SharePoint servers.
Start the Project Server service instance and create a Project Server service application.
Create a Project web app instance.
Run the Project Server 2013 Products Configuration Wizard.
Run the SharePoint 2013 Products Configuration Wizard.
Start the Project Server service instance and create a site collection based on a Project site template.

## Answer:

Box 1: Install the Project Server 2013 binaries on the existing SharePoint servers.

Box 2: Run the SharePoint 2013 Products Configuration Wizard.

Box 3: Start the Project Server service instance and create a Project Server service application.

Box 4: Create a Project web app instance.

Explanation:

Note:

\* (step 1) If you already installed and configured SharePoint Server 2013 and you would like to try out Project Server 2013 features there's no need to install another SharePoint server. You can simply integrate between Project Server 2013 and SharePoint Server 2013 using an existing site collection.

Project Server 2013 runs as a service application under SharePoint Server 2013. In order to integrate between those products, Project Server 2013 must be installed on each application server in your SharePoint farm.

Reference: Add an application server to a farm in Project Server 2013

\* (step 2) First thing that has to be done after installing Project Server 2013 is to run the SharePoint Products Configuration Wizard. The wizard has to run on all application servers in your farm before you can start using Project Server.

\* (step 3) Start the Project Server Application Service.

Create a Project Server service application. Open SharePoint 2013 Central Administration -> Application Management -> Manage service applications -> New -> Project Server Service Application.

Specify a name for the service application and choose an application pool.

\* (step 4)

Create a Project Web App database. Open the SharePoint 2013 Management Shell and

Use the following PowerShell cmdlet: New-SPProjectDatabase –Name DatabaseName -ServiceApplication "ServiceApplicationName" -DatabaseServerSQLServerInstance -Tag String.

For example: New-SPProjectDatabase –Name ProjectWebApp1 -ServiceApplication “ProjectServiceApp” -DatabaseServer sp2013srv -Tag “ProjectWebApp1DB”

Reference: How to integrate Project Server 2013 with SharePoint Server 2013

## Question: 11

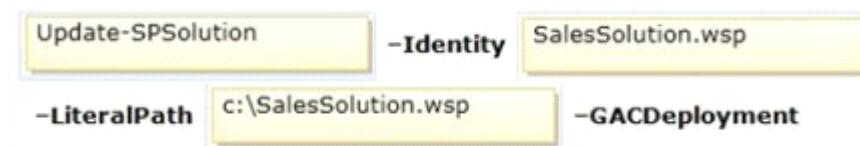
DRAG DROP

You have a custom solution named SalesSolution deployed to the URL <http://site.contoso.com/sites/sales>.

You need to deploy a new version of the solution without retracting the previous version.

How should you complete the Windows PowerShell cmdlet? (To answer, drag the appropriate terms to the correct location or locations 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.)

## Answer:



Explanation:

Note:

\*(box 1) The Update-SPSolution cmdlet upgrades a deployed SharePoint solution in the farm. Use this cmdlet only if a new solution contains the same set of files and features as the deployed solution.

Syntax:

```
Update-SPSolution [-Identity] <SPSolutionPipeBind> -LiteralPath<String> [-AssignmentCollection<SPAssignmentCollection>] [-CASPolicies<SwitchParameter>] [-Confirm [<SwitchParameter>]] [-Force <SwitchParameter>] [-FullTrustBinDeployment<SwitchParameter>] [-GACDeployment<SwitchParameter>] [-Local <SwitchParameter>] [-Time <String>] [-WhatIf [<SwitchParameter>]]
```

\*(box 2) Identity Required

Specifies the SharePoint solution to deploy.

\* (box 3)

LiteralPathRequired

Specifies the path to the solution package.

The type must be a valid path in either of the following forms:

- C:\folder\_name

- [\\server\\_name\folder\\_name](\\server_name\folder_name)

### Question: 12

#### HOTSPOT

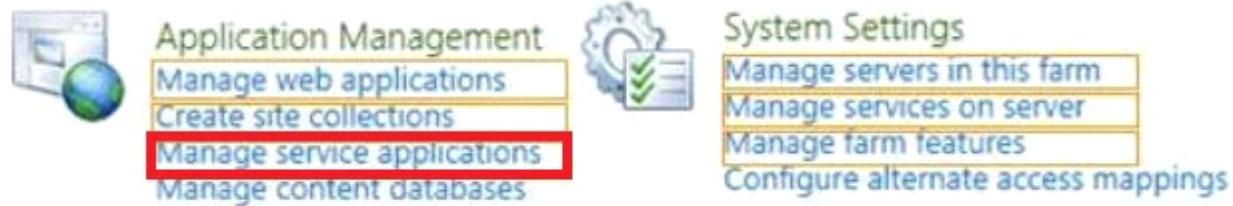
You install Microsoft Project Server 2013.

You need to provision a Project web app instance in an existing web app in a SharePoint farm.

In Central Administration, which task should you perform? (To answer, select the appropriate task in the answer area.)



**Answer:**



**Explanation:**

**Note:**

You can provision a Service Application Framework service application in the following ways:

Using Evaluation Mode for installations

Using the Farm Configuration Wizard

--> Using the Manage Service Applications user interface (UI)

Using Windows PowerShell

Reference: SharePoint 2013, Provisioning Service Applications

### Question: 13

You are configuring a SharePoint farm in an environment that includes Microsoft Exchange Server 2013.

You need to ensure that specified SharePoint users can search the Exchange mailboxes of all employees, place holds on mailbox data, and export mailbox data.

What should you do first?

- Create an external content type for Exchange mailbox information.
- Configure server-to-server authentication between SharePoint and Exchange.
- Create an external list for Exchange mailbox information.
- Configure forms-based authentication between SharePoint and Exchange.

**Answer: B**

### Question: 14

A company has a SharePoint environment that contains multiple site collections.

The company purchases an app.

You need to ensure that the app is available in all site collections.

Which Windows PowerShell cmdlets should you run?

- A. Install-SPApp and then Update-SPAppCatalogSettings
- B. Import-SPAppPackage and then Install-SPApp
- C. Import-SPAppPackage and then Enable-SPAppAutoProvision
- D. Enable-SPAppAutoProvision and then Install-SPApp

---

**Answer: B**

---

### **Question: 15**

---

An organization is using SharePoint for team collaboration. Each department in the organization has a team site and a site owner who is responsible for site management.

Site owners do not have administrative rights to the web servers.

You need to ensure that site owners can install trusted apps to their own sites.

What should you do?

- A. Create a sandbox solution.
- B. Grant the site owners the Full Control permission level to the web applications.
- C. Configure solution blocking settings.
- D. Configure content deployment settings.
- E. Create an App Catalog site.

---

**Answer: E**

---

### **Question: 16**

---

#### **HOTSPOT**

You are designing a SharePoint search solution.

The search solution must meet the following requirements:

Run search queries against specific SharePoint columns.

Run search queries against specific document properties.

You need to ensure the search solution meets the requirements.

What should you do? (To answer, select the appropriate option from each drop-down list in the answer area.)

Configure SharePoint queries to use

that include

Configure SharePoint queries to use

crawled properties  
federated search  
managed properties  
search refiner  
tags

that include

crawled properties  
federated search  
managed properties  
search refiner  
tags

**Answer:**

Configure SharePoint queries to use

crawled properties  
federated search  
managed properties  
search refiner  
tags

that include

crawled properties  
federated search  
managed properties  
search refiner  
tags

**Explanation:****Note:**

- \* To include the content and metadata of crawled properties in the search index, you map crawled properties to managed properties.
- \* A crawled property is content and metadata that is extracted from an item, such as a document or a URL, during a crawl. A crawled property can be an author, title, or subject. To include the content and metadata of crawled properties in the search index, you map crawled properties to managed properties. Managed properties can have a large number of settings, or attributes. These attributes determine how the contents are shown in search results. The search schema contains the attributes on managed properties and the mapping between crawled properties and managed properties.

---

### **Question: 17**

---

**DRAG DROP**

An organization is involved in a legal case related to one of its products. All documents related to this product are stored in a subsite of a site collection. The site collection has an existing policy to delete documents that have not been modified for four years.

You must protect the data that is relevant to the case without impacting other content, changing file locations, or duplicating files.

You need to configure SharePoint to ensure that relevant documents are NOT deleted by existing or future expiration

policies.

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.)

Answer Area
Perform an eDiscovery search for product information and export results to a records center.
Define a hold.
Enable in-place records management.
Declare all product documentation files as in-place records.
Perform an eDiscovery search for product information and place items on hold.
Define a retention policy on the document content type.
Enable the Hold site feature.

### Answer:

Box 1: Enable the Hold site feature.

Box 2: Define a hold.

Box 3: Perform an eDiscovery search for product information and place items on hold.

Explanation:

Note:

\* An in-place hold is a mechanism for placing content (SharePoint 2013 documents, list items, pages, and Exchange Server 2013 mailboxes) on legal hold while allowing users to continue working with the content and without them being made aware of the hold. If a user edits or deletes content that has been placed on in-place hold, the content is automatically moved to a special location thus preserving the state of the content as it was at the time the hold was placed.

\* In-place holds can be placed either at the site or mailbox level, or alternatively, you can use query-based preservation. With query-based preservation, you can define eDiscovery search queries and only content that matches your query will be preserved.

\* eDiscovery, or electronic discovery, is the process of discovering (finding) electronically stored information that is relevant to legal matters such as litigation, audits and investigations. Though it is called eDiscovery, the process typically entails more than just the discovery. The main stages of the process are roughly:

1. Discovery – Find the relevant content
2. Preservation – Place content on legal hold to prevent data destruction
3. Collection – Collect and send relevant content to be processed
4. Processing – Prepare files to be loaded into a document review platform
5. Review – Attorneys determine which content will be provided to opposition
6. Production – Provide relevant content to opposition

The SharePoint 2013 eDiscovery functionality focusses on the first three stages.

\* Site holds

SharePoint preserves content on the site level. When you preserve a site, its lists, libraries, and subsites are preserved. If you preserve a root site collection, all documents, pages, lists, and subsites in that site collection are preserved.

To hold a site, create a Discovery Case in the eDiscovery Center. A case is a container for all of the queries, content, and preservations associated with specific litigation. After you create the case, create a Discovery Set to specify the site. To validate the site, just enter its URL address.

---

### **Question: 18**

---

**DRAG DROP**

An organization uses SharePoint Server collaboration sites for all projects. Each project has a unique site. Project team members have Contribute permission levels to each project site of which they are members.

Sites for completed projects must meet the following requirements:

The project team members must be able to access files.

They must be prohibited from editing or deleting files.

They must not be able to change site permissions.

You need to configure the SharePoint environment to meet the requirements.

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.)

Answer Area	
Manage record declaration settings on the site collection.	
Enable in-place records management for the site collection.	
Manage record declaration settings on the various site collection library apps and site templates.	
Assign the Manage Hierarchy permission level to the project team members.	
Assign the Limited Access permission level to the project team members and turn on lockdown mode for the site collection.	

---

**Answer:**

---

Box 1:

Assign the Limited Access permission level to the project team members and turn on lockdown mode for the site collection.

Box 2:

Enable in-place records management for the site collection.

Box 3:

Manage record declaration settings on the various site collection library apps and site templates.

**Explanation:**

**Note:**

\* The Records Center was introduced in 2007 as a SharePoint site that served as a conventional records archive. Content from all over the enterprise can be submitted to a Records Center and then routed to the appropriate place where it picks up the right permissions and policies, such as expiration and auditing.

Incorrect:

\* Assign the Manage Hierarchy permission level to the project team members.

You must have the Manage Permissions permission to configure site permissions. In SharePoint Server, by default only the Full Control and Manage Hierarchy permission levels include this permission.

### Question: 19

HOTSPOT

An organization is deploying a SharePoint farm that will provide a records-management solution.

Users must be able to perform the following actions:

Create in-place holds on content stored in SharePoint and in Microsoft Exchange 2013.

Search for content and place holds based on the search query.

You need to create a site collection that meets the requirements.

Which type of site collection should you create? (To answer, select the appropriate template in the answer area.)

Collaboration     Enterprise     Publishing     Custom

- Document Center
- eDiscovery Center
- Records Center
- Business Intelligence Center
- Enterprise Search Center
- My Site Host
- Community Portal
- Basic Search Center
- Visio Process Repository

A site to centrally manage documents in your enterprise.

**Answer:**

Collaboration     Enterprise     Publishing     Custom

- Document Center
- eDiscovery Center
- Records Center
- Business Intelligence Center
- Enterprise Search Center
- My Site Host
- Community Portal
- Basic Search Center
- Visio Process Repository

A site to centrally manage documents in your enterprise.

Explanation:

Note:

- \* Site holds

SharePoint preserves content on the site level. When you preserve a site, its lists, libraries, and subsites are preserved. If you preserve a root site collection, all documents, pages, lists, and subsites in that site collection are preserved.

To hold a site, create a Discovery Case in the eDiscovery Center. A case is a container for all of the queries, content, and preservations associated with specific litigation. After you create the case, create a Discovery Set to specify the site. To validate the site, just enter its URL address.

## Question: 20

DRAG DROP

An organization has a SharePoint intranet site.

Documents and other files do not currently appear in search results until the day after they are uploaded to the intranet site.

You need to configure the Search service application to ensure that documents appear in search results within one hour of being uploaded to the site.

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.)

Answer Area	
In the intranet site collection, enable the <b>Search Server Web Parts and Templates</b> feature.	
By using Central Administration, access the Search service application management interface.	
Configure crawl rules.	
By using Central Administration, enable the <b>Search Config Template</b> feature.	
Edit the existing Content Source.	
Configure content source crawl schedules.	
Configure crawler impact rules.	

## Answer:

Box 1: By using Central Administration, access the Search Service application management interface.

Box 2: Edit the existing Content Source

Box 3: Configure content source crawl schedules.

Explanation:

Note:

(Step 1) 1. Open Central Administration web site.

2. Click on the Manage service applications link

3. Click on the Search Service Application

(Step 2) 4. Click on the Content Sources link

(Step 3) 5. Click on the Local SharePoint sites cell and in the page on the right side you can see the Crawl Schedules.

You can see two item: Full Crawl and Incremental Crawl

Use the Create Schedule link to create a new Crawl Schedule

Click the OK button on the page

Reference: SharePoint 2010 – Create Crawl Schedule

### Question: 21

#### DRAG DROP

A company is implementing a SharePoint farm that will contain six servers.

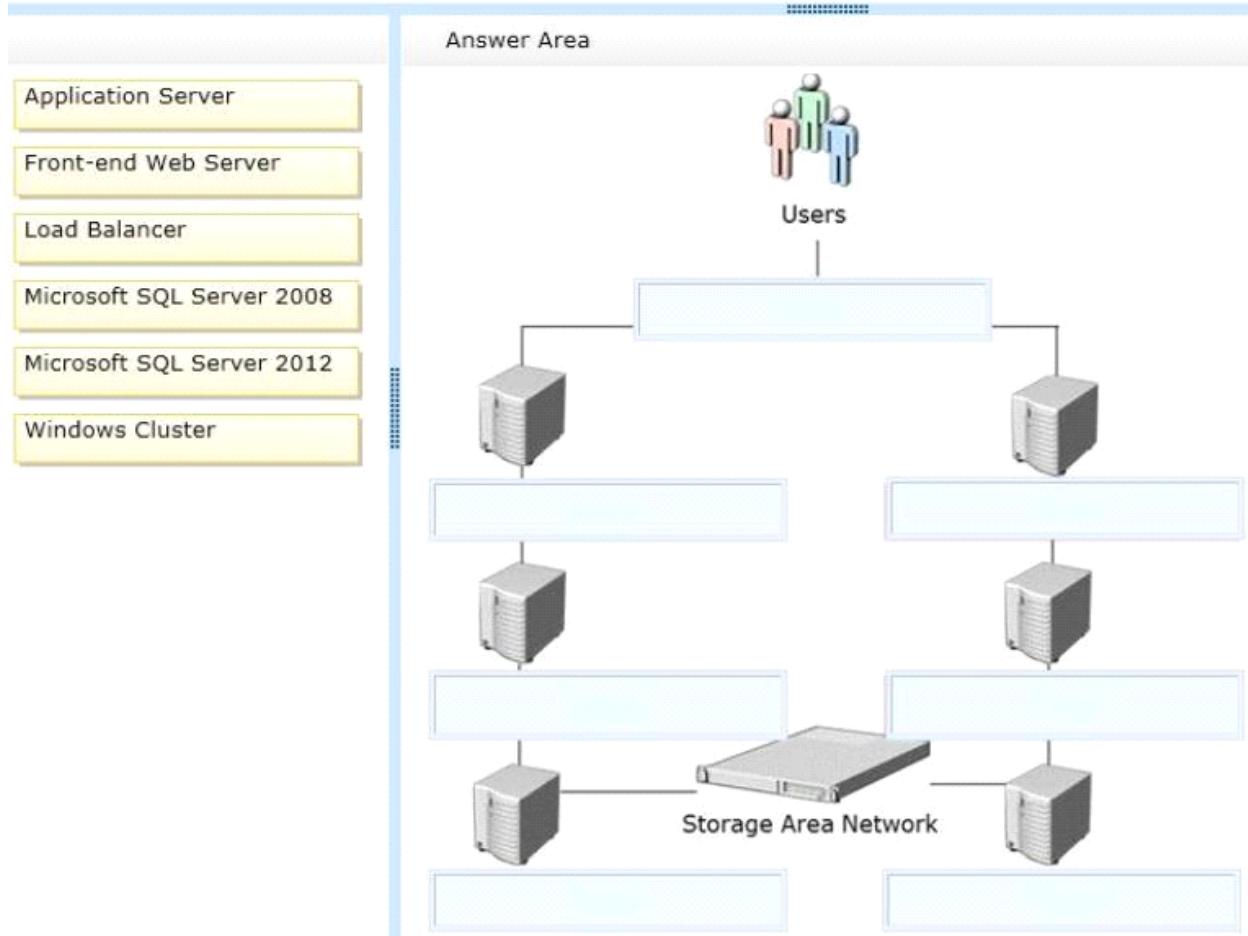
The farm architecture design must meet the following requirements:

Distribute incoming user requests equally.

Provide high availability.

You need to distribute the servers and roles to meet the requirements.

How should you distribute the servers and roles? (To answer, drag the appropriate server or role to the correct location or locations in the answer area. Each server or role 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.)



Answer:

**Answer Area**

```

graph TD
    Users[Users] --> LB[Load Balancer]
    LB --- FWS1[Front-end Web Server]
    LB --- FWS2[Front-end Web Server]
    FWS1 --- AS1[Application Server]
    FWS2 --- AS2[Application Server]
    AS1 --- SAN[Storage Area Network]
    AS2 --- SAN
    SAN --- MSSQL1[Microsoft SQL Server 2012]
    SAN --- MSSQL2[Microsoft SQL Server 2012]
  
```

**Explanation:**

**Note:**

- \* Use load balancer connected to the Web Servers

/ What is the Service Application Load Balancer?

In order to simplify installation of multi-machine server farms, SharePoint provides a basic load balancer that can round-robin requests to Web service applications.

This provides load balancing and fault-tolerance out-of-the-box for SharePoint service applications without requiring the administrator to be familiar with the intricacies of external load balancing solutions.

- \* The application servers are between the Web servers and the SAN

- \* Storage:

Use latest SQL Server.

## Question: 22

### HOTSPOT

You are designing the search service topology for a SharePoint farm.

The design must meet the following requirements:

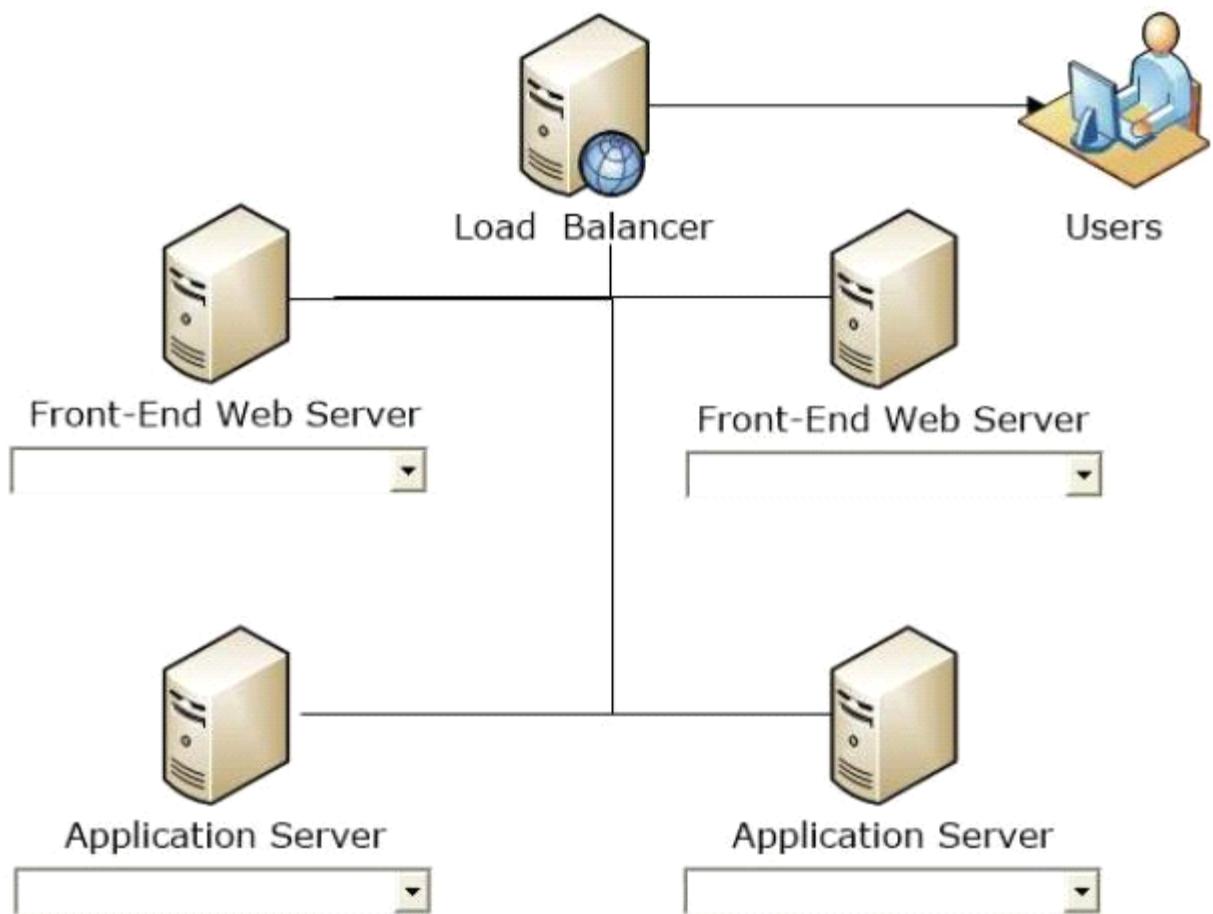
Search services must be fault tolerant and highly available.

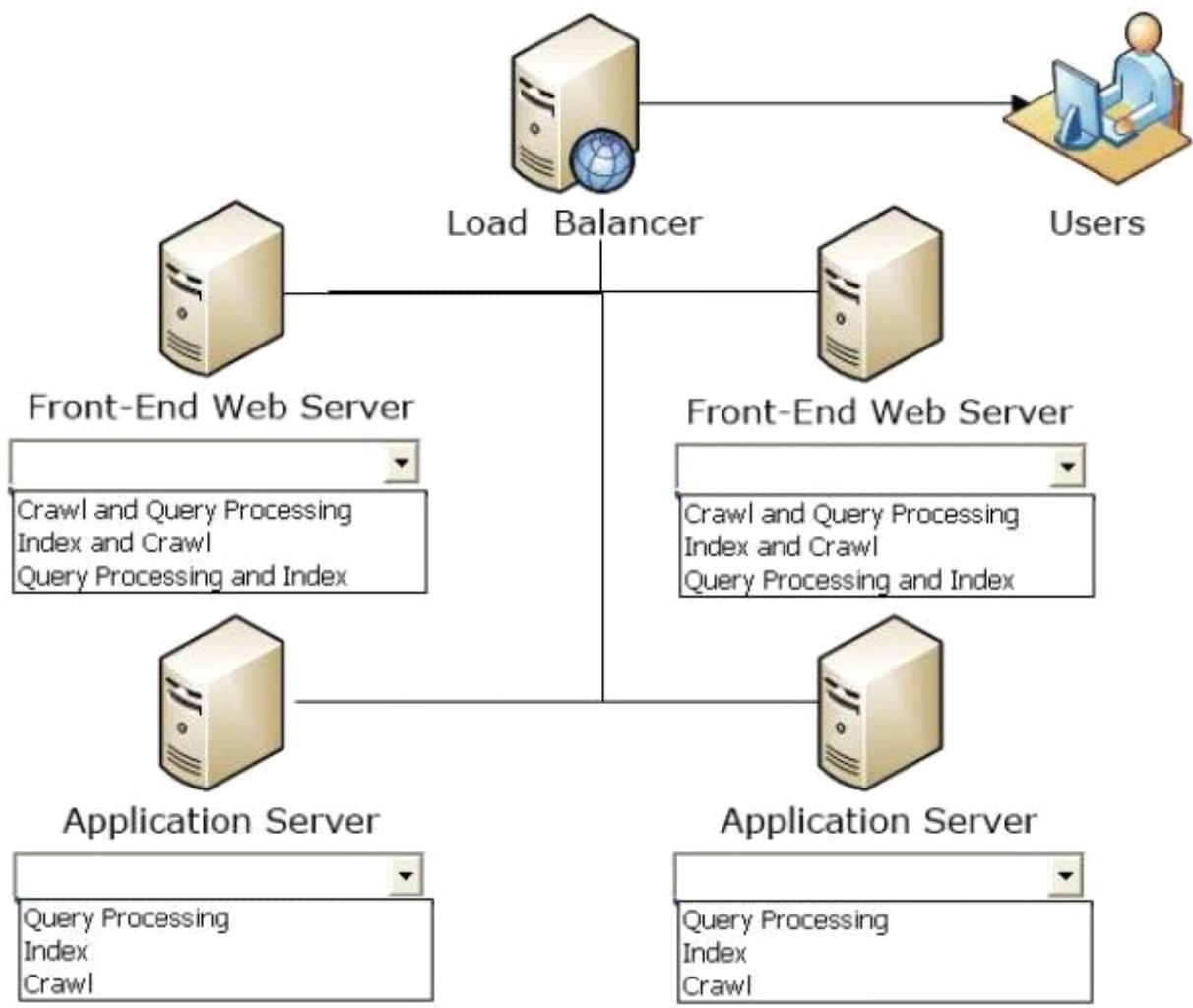
Search crawls must not affect page load times.

Search queries must run at the fastest possible speed.

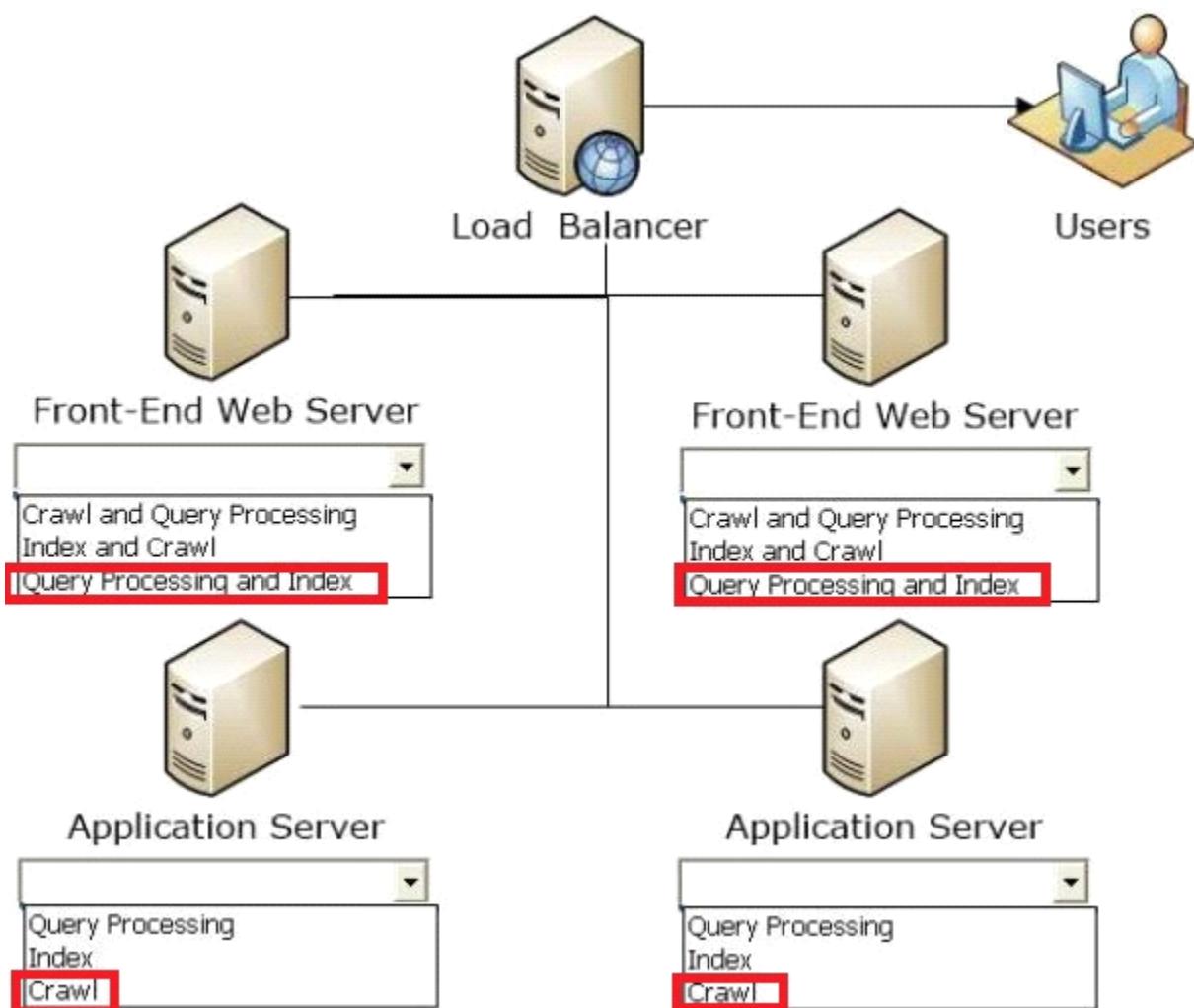
You need to distribute the appropriate search service roles to meet the requirements.

How should you distribute the service roles? (To answer, select the appropriate service role from each drop-down list in the answer area.)





Answer:



**Explanation:**

Query Processing and Index

**Note:**

\* Query processing component

Analyzes incoming queries. This helps to optimize precision, recall and relevance. The queries are sent to the index component, which returns a set of search results for the query.

\* Index component

Receives the processed items from the content processing component and writes them to the search index. This component also handles incoming queries, retrieves information from the search index and sends back the result set to the query processing component.

\* Crawl component

Crawls content sources to collect crawled properties and metadata from crawled items and sends this information to the content processing component.

### Question: 23

#### HOTSPOT

You are managing search results in a SharePoint farm.

You need to configure a query rule that fires for all queries.

In the Search service application, which option should you select? (To answer, select the appropriate option in the answer area.)

Rule name

Query Matches Keyword Exactly

Query exactly matches one of these phrases (semi-colon separated)

[Remove Condition](#)

[Add Alternate Condition](#)

Promoted Results

[Add Promoted Result](#)

Result Blocks

[Add Result Block](#)

[Change ranked results by changing the query](#)

---

Answer:

---

Rule name

Query Matches Keyword Exactly



Query exactly matches one of these phrases (semi-colon separated)

**Remove Condition**

**Add Alternate Condition**

Promoted Results

**Add Promoted Result**

Result Blocks

**Add Result Block**

**Change ranked results by changing the query**

Explanation:

Note:

If you are creating this rule for a site collection, click Remove Condition if you want this rule to fire for every query that users type inside any search box in the site collection.

### Question: 24

DRAG DROP

You manage a SharePoint farm.

The sales team would like to evaluate the Microsoft SQL Server 2012 Reporting Services (SSRS) Power View feature.

You need to install Reporting Services for SharePoint to support Power View.

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.)

Answer Area	
Activate the Power View site collection feature.	
Install SSRS in SharePoint integrated mode.	
Install SSRS in native mode.	
Install and start the SSRS SharePoint service.	
Create an SSRS service application.	

**Answer:**

Box 1: Install and start the SSRS SharePoint service.

Box 2: Create an SSRS service application.

Box 3: Active the Power View site collection feature.

Explanation:

Note:

Step 1: Install Reporting Services Report Server in SharePoint mode

Step 2: Register and start the Reporting Services SharePoint Service

Step 3: Create a Reporting Services Service Application

Step 4: Activate the Power View Site Collection Feature.

Reference: Install Reporting Services SharePoint Mode for SharePoint 2013

**Question: 25**

DRAG DROP

A company has a SharePoint 2013 farm in an Active Directory Domain Services (AD DS) domain. The company uses a third-party application to process payroll data and view payroll reports. The third-party application uses SQL Authentication. Payroll administrators currently use custom credentials to sign in to the payroll application.

You have the following requirements:

Payroll administrators must use Microsoft Excel and Excel Services to access payroll data and view reports from within SharePoint.

Payroll administrators must not be required to enter credentials when accessing payroll data.

The Secure Store must be configured for high security and high process isolation.

You need to configure the Secure Store to meet the requirements.

Which four 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.)

Answer Area	
Generate a new key for your Secure Store service application.	
Configure the site collection administrator account in SharePoint Server to run the Secure Store application pool.	
Store credentials in Secure Store by using a Secure Store target application.	
Create a Secure Store service application instance, and start the Secure Store service on servers within the farm.	
Register a managed account to run the Secure Store application pool.	

### Answer:

Box 1: Register a managed account to run the Secure Store application pool.

Box 2: Create a Secure Store service application instance, and start the Secure Store Service on servers within the farm.

Box 3: Generate a new key for your Secure Store service application.

Box 4: Store credentials in Secure Store by using a Secure Store target application.

Explanation:

Note:

\* To configure Secure Store, you perform the following steps:

(step 1)

Register a managed account in SharePoint Server 2013 to run the Secure Store application pool.

(step 2)

Start the Secure Store Service on an application server in the farm.

Create a Secure Store Service service application.

\* (step 3)

Before using the Secure Store Service, you must generate an encryption key. The key is used to encrypt and decrypt the credentials that are stored in the Secure Store Service database.

\* (Step 4)

Storing credentials in Secure Store is accomplished by using a Secure Store target application.

Reference: Configure the Secure Store Service in SharePoint 2013

### Question: 26

DRAG DROP

A company has a SharePoint 2013 farm. The company is in the process of configuring eDiscovery for Microsoft Exchange Server 2013 and has installed the Microsoft Exchange Web Services Managed API on each front-end web server.

You need to configure a trust relationship between the Exchange server and the SharePoint farm.

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.)

Answer Area	
Run the <b>Set-FrontendTransportServer</b> Windows PowerShell cmdlet on the Exchange server.	
Run the <b>New-MailboxSearch</b> Windows PowerShell cmdlet on the Exchange server.	
Configure the SharePoint web application that processes incoming server-to-server requests to use SSL.	
Configure the SharePoint farm to trust the Exchange server.	
Configure IIS on the front-end web servers to trust incoming connections from the Exchange server.	
Configure the Exchange server to trust the SharePoint farm.	

---

### Answer:

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Box 1:

Configure the SharePoint farm to trust the Exchange server.

Box 2:

Configure the Exchange server to trust the SharePoint farm.

Box 3:

Configure the SharePoint web application that processes incoming server-to-server requests to use SSL.

Explanation:

Note:

\* Configure communication between SharePoint Server 2013 and Exchange Server 2013

Perform the following steps:

Ensure that the Exchange Web Service managed API is installed on every front-end server that is running SharePoint Server 2013.

Configure a trust relationship between SharePoint Server 2013 and Exchange Server.

Perform the eDiscovery configuration steps for Exchange.

\* Configure server-to-server authentication between SharePoint 2013 and Exchange Server 2013

This configuration has the following steps:

Configure the SharePoint 2013 server to trust the Exchange Server 2013 server

Configure permissions on the SharePoint 2013 server

Configure the Exchange Server 2013 server to trust the SharePoint 2013 server

Reference: Configure server-to-server authentication between SharePoint 2013 and Exchange Server 2013

Reference: Configure communication between SharePoint Server 2013 and Exchange Server 2013

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### Question: 27

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HOTSPOT

You upgrade a SharePoint 2010 environment to SharePoint 2013. The new environment includes the following site collections.

URL	Content Database
http://intranet.contoso.com	WSS_Content
http://extranet.contoso.com	WSS_Extranet

All site collections are backward compatible with SharePoint 2010.

You are preparing to allow site owners to upgrade sites to SharePoint 2013 compatibility mode.

You need to limit the number of sites that can be upgraded concurrently to five or fewer.

Which Windows PowerShell cmdlets should you run? (To answer, select the appropriate cmdlet from each drop-down list in the answer area.)

DRAG DROP

You provision and configure a new SharePoint farm. The content databases are stored in Microsoft SQL Server 2012.

You need to configure the databases for high availability.

Which four 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.)

Answer Area
Configure database mirroring for automatic failover.
Enable AlwaysOn and Named Pipes on the server.
Configure the content databases as read-only.
Create a Windows Server failover cluster.
Add the necessary databases to the availability group.
Create and configure an availability group for the relevant nodes.

**Answer:**

Box 1: Create a Windows Server failover cluster.

Box 2: Enable AlwaysOn and Named Pipes on the server.

Box 3: Create and configure an availability group for the relevant nodes.

Box 4: Add the necessary databases to the availability group.

**Explanation:**

**Note:**

\* Process overview

We recommend the following installation sequence and key configuration steps to deploy a SharePoint farm that uses an AlwaysOn availability group:

(step 1) Select or create a Windows Server failover cluster.

Install SQL Server 2012 on each cluster node.

(step 3) Create and configure an availability group.

Install and configure SharePoint 2013.

(step 4) Add the SharePoint databases to the availability group.

Test failover for the availability group.

\* (step 2) Before you can create an Availability Group for SharePoint Foundation 2013 or SharePoint Server 2013, you must prepare the SQL Server 2012 environment. To prepare the environment, complete the following tasks:

Install the SQL Server prerequisites.

Install SQL Server.

Enable Named Pipes.

Enable AlwaysOn.

Reference: Configure SQL Server 2012 AlwaysOn Availability Groups for SharePoint 2013

**Question: 29**

You need to ensure that users can install apps from the App Catalog.

Which permission or permissions should you grant to the users?

- A. Use Client Integration Features
- B. Manage Web Site and Create Subsites

- C. Use Self-Service Site Creation
- D. Add and Customize Pages

---

**Answer: B**

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### Question: 30

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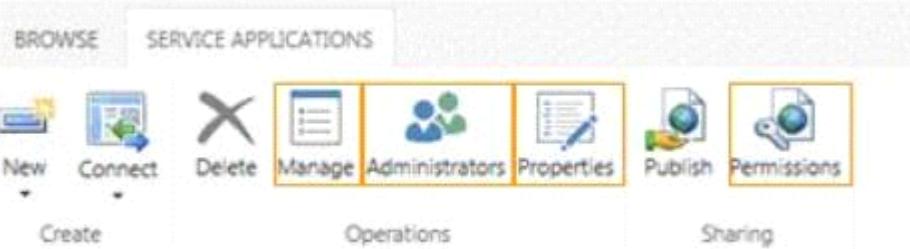
#### HOTSPOT

An organization has an Active Directory Domain Services (AD DS) domain that includes a security group named SPAdmins. Employees use SharePoint to connect to external business systems.

In Central Administration, you select Manage Service Applications.

You need to configure the Secure Store service application to ensure that members of the SPAdmins group can create new Secure Store target applications.

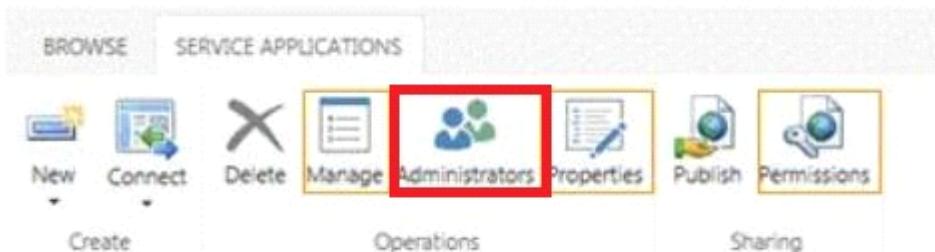
Which button should you click to begin the process? (To answer, select the appropriate button in the answer area.)




---

**Answer:**

---



**Explanation:**

**Note:**

To assign or remove administrators to a service application by using Central Administration

Verify that the user account that is performing this procedure is a member of the Farm Administrators group.

On the Central Administration Home page, in the Application Management section, click Manage service applications.

On the Manage Service Applications page, select the row that contains the service application to which you want to add or remove administrators. The ribbon becomes available.

On the ribbon, click Administrators.

To add an administrator:

In the first text box on the page, type the user accounts or groups that you want to add. You can click the People icon to validate a name. You can click the Address book icon to search for users to add. You can add multiple administrators into the text box.

After you have added the administrators, click OK.

To remove an administrator:

In the second text box on the page, select the administrator whom you want to remove. Note that this step does not remove the user from the system—it merely revokes the user's administrative permissions to the selected service application.

Click Remove.

After you have finished removing administrators, click OK.

Reference: Assign or remove administrators to a service application (SharePoint 2013)

### Question: 31

Members of the Sales team store Microsoft Excel workbooks and other files on a SharePoint team site. The workbooks do not access external data.

When Sales team members attempt to open workbooks from the team site, they receive an error message stating that the workbook cannot be opened.

You need to configure the SharePoint farm to ensure that users can open Excel workbooks.

What should you do?

- A. Set Trusted File Locations for Excel Services.
- B. Add members to a Secure Store target application.
- C. Set the Excel Calculation Services authentication method to Impersonation.
- D. Grant members Read permission to the Sales team site.

### Answer: A

### Question: 32

#### DRAG DROP

You are deploying a SharePoint farm.

You need to prevent all users from purchasing or installing apps from the SharePoint store.

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.)

Answer Area	
In Central Administration, on the Apps page, in the SharePoint and Office Store section, click <b>App Requests</b> .	
Sign in as a site collection administrator.	
Set the value of the <b>Status</b> property to <b>Declined</b> .	
In Central Administration, on the Apps page, in the SharePoint and Office Store section, click <b>Configure Store Settings</b> .	
Set the value of <b>Should end users be able to get apps from the SharePoint Store?</b> to <b>No</b> .	
Sign in as a farm administrator.	

### Answer:

Box 1: Sign in as a farm administrator.

Box 2: In Central Administration, on the Apps page, in the SharePoint and Office Store section, click Configure Store Settings.

Box 3: Set the value of Should end users be able to get apps from the SharePoint Store? to No.

Explanation:

Note:

Configure app requests and SharePoint Store settings

Farm administrators can determine whether users can purchase apps from the SharePoint Store. This setting is at the web application scope. If users cannot purchase apps, they can still browse the SharePoint Store, and request an app. Farm administrators and the App Catalog site owner can view and respond to app requests.

To configure SharePoint Store settings

Verify that the user account that is performing this procedure is a member of the Farm Administrators group.

In Central Administration, on the Apps page, in the SharePoint and Office Stores section, click Configure Store Settings.

On the SharePoint Store Settings page, verify that the selected web application is the web application that you want to configure.

If you want to switch to a different web application, click the down arrow next to the web application URL to change to a different web application.

To allow or prevent purchases, select an option for Should end users be able to get apps from the SharePoint Store?

Select Yes to allow users to purchase apps.

Select No to prevent purchases but allow users to request apps.

To allow or prevent apps for Office from the Office Store to be started when a user opens a document in the browser, select an option for Should apps for Office from the store be able to start when documents are opened in the browser?

Select Yes to allow apps for Office from the Office Store to start.

Select No to prevent apps for Office from the Office Store from starting.

Click OK.

Reference: Manage the App Catalog in SharePoint 2013

---

### **Question: 33**

A company has an Active Directory Domain Services domain that contains a SharePoint farm.

The farm contains a site collection that displays data from an employee information database.

You define a domain user account named HRUsers and configure the account to have read-only permissions to the database.

You have the following data access requirements for the employee information database:

Members of the Human Resources department must be able to view data by using SharePoint, without entering database credentials.

No other SharePoint users should be able to view the employee data.

You need to meet the requirements.

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

A. Enable the Reports and Data Search Support site collection feature.

B. Create an external list that displays data from the employee information database.

C. In the Secure Store service application, define a target application by using a group mapping.

D. Enable site collection reporting.

E. In the Secure Store service application, define a target application by using an individual mapping.

---

**Answer: A, C**

Explanation:

C (not E) The Secure Store Service is designed to create a background mapping between a group of users in SharePoint, and a single user known to the external data system.

---

### **Question: 34**

You are configuring a SharePoint environment to support workflows.

Workflows must meet the following requirements:

Display a visual representation of the workflow.

Display the workflow history.

Provide access to external lists.

You need to implement the necessary shared services.

Which shared services should you implement? (Each correct answer presents part of the solution. Choose two.)

- A. Business Data Connectivity Services
- B. Workflow Services
- C. Access Services
- D. Word Automation Services
- E. Visio Graphics Services

---

**Answer: B, E**

---

Explanation:

B: SharePoint Server 2013 can use a new workflow service built on the Windows Workflow Foundation components of the .NET Framework 4.5. This new service is called Workflow Manager and it is designed to play a central role in the enterprise. Processes are central to any organization and workflow is the orchestrator of processes.

E: SharePoint Designer 2013 includes new functionality designed specifically for Workflow Manager. In SharePoint Designer 2013 this new platform is known as the SharePoint 2013 Workflow platform. These new features include:  
A visual workflow development experience that uses a Visio 2013 add-in

---

### **Question: 35**

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A Sales team creates proposals by using Microsoft Word. Sales team members store and review the proposal documents in the Sales team site collection.

New proposals are uploaded to the team site for approval.

You need to ensure that approved proposals are automatically converted to PDF format and then routed to a records center site collection.

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

- A. Send To Connections
- B. Content deployment
- C. Document Conversion Service
- D. Machine Translation Service
- E. Word Automation Services

---

**Answer: A, C**

---

Explanation:

A: A connection is a path used for sending documents to a document center or a records center. The connection specifies the web application that documents will be sent from, the document center or records center that they will be sent to, and certain aspects of how the documents are sent. A records center is a site that is designed for records management.

Connections are created by a farm administrator in SharePoint 2013. The farm administrator configures the connection to copy content, to move content, or to move the content and leave a link in the source site collection.

C: Document Conversion Service enables automatic conversion from Word to PDF.

Incorrect:

Not D: Machine translation services is used to translate text from one language to another.

---

**Question: 36**

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A company has two SharePoint farms as described in the following table.

Name	URL
HRFarm	<a href="https://hrweb.tailspintoys.com">https://hrweb.tailspintoys.com</a>
FinanceFarm	<a href="https://finweb.tailspintoys.com">https://finweb.tailspintoys.com</a>

You need to process incoming server requests on HRFarm that originate from FinanceFarm.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Configure both farms to use Secure Sockets Layer (SSL) connections.
- B. Run the Windows PowerShell cmdlet New-SPTrustedSecurityTokenIssuer on a server in FarmB.
- C. Run the Windows PowerShell cmdlet New-SPTrustedSecurityTokenIssuer on a server in HRFarm.
- D. Log on as a member of the Administrators group on a server in FarmA.
- E. Run the Windows PowerShell cmdlet Get-SPTrustedSecurityTokenIssuer -Identity FarmA on a server in FarmA.

---

**Answer: A, C, D**

---

Explanation:

C (not B):

New-SPTrustedSecurityTokenIssuer

Creates a trust between a server to server principal.

Use the New-SPTrustedSecurityTokenIssuer cmdlet to establish a trust between a server to server principal.

---

**Question: 37**

---

You are migrating a SharePoint Server 2010 My Site site collection to SharePoint Server 2013 by using the database attach method. You copy the content databases to the SharePoint 2013 farm.

You need to verify that all required objects have been successfully added to the SharePoint 2013 farm before upgrading the content database.

What should you do?

- A. In the SharePoint 2013 site collection, run the site collection health checks.
- B. Run the Windows PowerShell cmdlet Test-SPContentDatabase on the SharePoint 2013 farm.
- C. Run the Windows PowerShell cmdlet Test-SPContentDatabase on the SharePoint 2010 farm.
- D. In the SharePoint 2010 site collection, run the site collection health checks.
- E. Run the Windows PowerShell cmdlet Mount-SPContentDatabase on the SharePoint 2010 farm.
- F. Run the Windows PowerShell cmdlet Mount-SPContentDatabase on the SharePoint 2013 farm.

---

**Answer: B**

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**Question: 38**

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You are a SharePoint administrator at Litware, Inc.

Excel Services is not currently able to load workbooks on the SharePoint site. The Unified Logging Service (ULS) log contains the following error message:

System.Data.SqlClient.SqlException: Cannot open database "WSS\_Content\_Portal\_Content\_Database" requested by the login. The login failed. Login failed for user 'LITWARE\svcExcelService'.

You need to grant only the minimum necessary permissions to the Excel Services account to ensure that users can open Excel workbooks from within a browser window.

Which Windows PowerShell cmdlet or cmdlets should you run?

- A. \$sa = Get-SPServiceApplication | where {\$\_.TypeName -eq "Excel Services Application Web Service Application"} and \$sa.GrantContentDatabasePermissions("WSS\_Content\_Portal\_Content\_Database")
- B. Add SPShellAdmin -UserName LITWARE\svcExcelService
- C. Add SPShellAdmin -UserName LITWARE\svcExcelService -database WSS\_Content\_Portal\_Content\_Database
- D. \$wa = Get-SPWebApplication <https://portal.litware.com> and \$wa.GrantToProcessIdentity("LITWARE\svcExcelService")

---

**Answer: D**

---

### **Question: 39**

A SharePoint environment contains an instance of Microsoft SQL Server 2008 R2.

You plan to migrate data from the existing database to a new instance of SQL Server 2012.

You need to configure SQL Server to support the migration. You must accomplish this goal without requiring any SharePoint application configuration changes.

What should you do?

- A. On the SQL Server, configure a named instance.
- B. On all servers in the farm, configure a SQL Server alias.
- C. On all servers in the farm, configure SQL Server database mirroring.
- D. Create a single-node SQL Server cluster.

---

**Answer: B**

---

### **Question: 40**

A company plans to use eDiscovery in SharePoint. The environment includes Microsoft Lync Server 2013 and Microsoft Exchange Server 2013. Lync Server is configured to archive conversations to Exchange Server. You configure Exchange Server for eDiscovery.

You need to complete the eDiscovery configuration.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Configure a trust relationship between SharePoint Server and Lync Server.
- B. Create a SharePoint connector in the Exchange Server management shell.
- C. Install the SharePoint Web Services API on every server that runs Exchange Server.
- D. Configure a trust relationship between SharePoint Server and Exchange Server.
- E. Install the Exchange Web Services API on every SharePoint front-end web server.
- F. Create an Exchange eDiscovery service application in Central Administration.

---

**Answer: D, E**

Explanation:

\* If you will use a SharePoint eDiscovery Center to discover content in Exchange Server, you must configure SharePoint Server 2013 and Exchange Server to interact.

Perform the following steps:

(E) Ensure that the Exchange Web Service managed API is installed on every front-end server that is running SharePoint Server 2013.

(D) Configure a trust relationship between SharePoint 2013 and Exchange Server.

If you want content from Lync Server 2013 to be discoverable, configure Lync Server 2013 to archive to Exchange Server 2013. (this step has already been done here)

Perform the eDiscovery configuration steps for Exchange. (this step has already been done here)

Reference: Configure communication between SharePoint Server 2013 and Exchange Server 2013

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### **Question: 41**

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You are creating a SharePoint site that will be accessed remotely.

You need to optimize the SharePoint experience for all mobile devices.

What should you configure?

- A. Custom list views
- B. Image renditions
- C. Variations
- D. Design Manager
- E. Device channels

---

**Answer: E**

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---

### **Question: 42**

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You perform the basic configuration of a SharePoint site to support SharePoint apps.

You need to configure policy settings for SharePoint apps to ensure that users can browse apps in the Office Store but cannot purchase apps without approval.

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

- A. In Central Administration, configure the Office and SharePoint store settings to restrict app purchases.
- B. Purchase and configure a wildcard SSL certificate for the domain from a third-party Trusted Root Certification Authority (CA).
- C. In Central Administration, specify the URL to the App Catalog site.
- D. In each site collection, configure the site app permissions to restrict app purchases.
- E. Restrict the users and groups that have Approve permissions on the App Catalog site.

---

**Answer: A, C**

---

**Explanation:**

Configure app requests and SharePoint Store settings

Farm administrators can determine whether users can purchase apps from the SharePoint Store. This setting is at the web application scope. If users cannot purchase apps, they can still browse the SharePoint Store, and request an app. Farm administrators and the App Catalog site owner can view and respond to app requests.

To configure SharePoint Store settings

Verify that the user account that is performing this procedure is a member of the Farm Administrators group.

(A) In Central Administration, on the Apps page, in the SharePoint and Office Stores section, click Configure Store Settings.

On the SharePoint Store Settings page, verify that the selected web application is the web application that you want to configure.

If you want to switch to a different web application, click the down arrow next to the web application URL to change to a different web application. (C)

To allow or prevent purchases, select an option for Should end users be able to get apps from the SharePoint Store?

Select Yes to allow users to purchase apps.

SelectNoto prevent purchases but allow users to request apps.

To allow or prevent apps for Office from the Office Store to be started when a user opens a document in the browser, select an option forShould apps for Office from the store be able to start when documents are opened in the browser? SelectYesto allow apps for Office from the Office Store to start.

SelectNoto prevent apps for Office from the Office Store from starting.

ClickOK.

Reference: Manage the App Catalog in SharePoint 2013

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### **Question: 43**

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You are configuring a SharePoint environment to support SharePoint apps for Litware, Inc. The SharePoint servers use a load-balancer for incoming requests.

You need to ensure that all connections to the SharePoint servers are secure and encrypted.

What should you do? (Each correct answer presents a part of the solution. Choose all that apply.)

- A. Create a DNS CNAME record for \*.LitwareApps.com.
- B. Create an SSL certificate for the AppHost.LitwareApps.com domain.
- C. Create a wildcard SSL certificate for \*.LitwareApps.com.
- D. Create a DNS forward lookup zone for the LitwareApps.com domain.
- E. Create a DNS A record for AppHost.LitwareApps.com that points to the IP address of the load-balancer.

---

### **Answer: A, C, D**

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Explanation:

\* You must create a new domain name in Domain Name Services (DNS) to host the apps.

To help improve security, the new domain name should not be a subdomain of the domain that hosts the SharePoint sites.

Depending on your configuration, you might have to create a new forward lookup zone first, or you can start with a wildcard CNAME entry in the same zone as the SharePoint site domain.

Note:

To create a wildcard Alias (CNAME) record for the new domain name

1. Verify that the user account that performs this procedure is a local administrator on the domain controller.
2. In DNS Manager, right-click the name of domain that hosts the SharePoint sites, and then clickNew Alias (CNAME).
3. In the New Resource Record dialog box, in the Alias name (uses parent domain if left blank) box, type \*. followed by the domain name that you want to use for apps.

For example, \*.ContosoApps.com or \*.Contoso-Apps.com.

Etc.

\* If you are using Secure Sockets Layer (SSL), you must either create an SSL certificate or add the new domain to your existing SSL certificate.

\* Create an SSL certificate if you are using a different root domain (for example, ContosoApps.com).

\* Add the new app domain to an existing SSL certificate if you are using the same root domain (for example, Apps.Contoso.com).

Either way, the domain should be added in the form of a wildcard (for example, \*.contosoapps.com). You need a wildcard certificate instead of individual certificates because each installed app has its own subdomain.

Note:

\* Wildcard DNS should point to the load balancer.

Reference: Deployment Guide for Microsoft SharePoint 2013, Configure an environment for apps

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### **Question: 44**

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A company uses a data-connected Microsoft Excel workbook to build reports from external data sources. Data is not refreshed when the workbook is displayed in a browser. You need to ensure that users can refresh Excel workbooks that are displayed in a browser. Which two actions should you perform? (Each correct answer presents a complete solution. Choose two.)

- A. Configure the Secure Store service application for the Excel workbook.
- B. Embed the data connection information directly in the Excel workbook.
- C. Create a trusted data connection library and add a data connection file.
- D. Add the document library containing the Excel workbook to the Trusted File Locations list.
- E. Create a Group Policy Object that adds the SharePoint URL to the Trusted Sites zone in Windows Internet Explorer.

---

**Answer: A, B**

---

Explanation:

To configure Excel Services data access to use embedded data connections, you use the following process:

Configure a data access account

(A) Create a Secure Store target application

(B) Configure a workbook to use an embedded data connection

A: You must create a target application in Secure Store that contains the credentials that you created for data access. This target application can then be specified in data-connected Excel workbooks and will be used by Excel Services when it refreshes data in the workbook.

B: Configure a workbook to use an embedded data connection

You must configure the Excel Services Authentication Settings in the workbook before you publish it to SharePoint Server 2013. Doing so enables the workbook to use a Secure Store target application to refresh data that is rendered using Excel Services. Use the following procedure to configure the authentication settings.

Note:

\* Excel Services in SharePoint Server 2013 provides three methods of using Secure Store Service to refresh the external data source in a workbook:

/ You can use an unattended service account.

/ You can specify a Secure Store target application in a workbook. (This is known as an embedded connection.)

/ You can use an Office Data Connection (ODC) file that specifies a Secure Store target application. This article describes how to do this.

Reference: Configure Excel Services data refresh by using external data connections in SharePoint Server 2013

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### **Question: 45**

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A SharePoint deployment includes the content source described in the following table.

<b>Content source</b>	<b>URL</b>	<b>Crawl frequency requirements</b>
Intranet site	<a href="http://intranet.contoso.com">http://intranet.contoso.com</a>	When a new document or page is added

You need to configure the intranet site content source to return search results without impacting availability.

What should you do?

- A. Add an additional index server to the farm.
- B. Reset the search index.
- C. Configure continuous crawling.
- D. Configure an incremental crawl to run every day.
- E. Configure an incremental crawl to run every 30 minutes.
- F. Configure on-demand crawling.

---

**Answer: C**

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### **Question: 46**

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A company named Contoso, Ltd. has a SharePoint 2010 site collection at [www.contoso.com](http://www.contoso.com). You are preparing to upgrade the site collection to SharePoint 2013.

The root site collection has had extensive customizations made to pages by using SharePoint Designer.

You need to test the site collection customizations before the upgrade.

What should you do?

- A. Use the visual upgrade feature in preview mode.
- B. Use the page upgrade feature in preview mode for each customized page.
- C. Run the Get-SPSite -identity <http://www.contoso.com> | \$\_.GetVisualReport() | Format-Table Windows PowerShell cmdlet.
- D. Request an upgrade evaluation site collection.

---

**Answer: D**

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### **Question: 47**

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You are configuring a SharePoint farm in an environment that includes Microsoft Exchange Server 2013.

You need to ensure that specified SharePoint users can search the Exchange mailboxes of all employees, place holds on mailbox data, and export mailbox data.

What should you do first?

- A. Define an individual target application in the Secure Store that contains Exchange connection information.
- B. Configure server-to-server authentication between SharePoint and Exchange.
- C. Configure alternate access mappings in SharePoint and Exchange.
- D. Create an external content type for Exchange mailbox information.

---

**Answer: B**

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### **Question: 48**

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A SharePoint 2010 environment contains a Microsoft SQL Server 2008 R2 database instance named SP-SQL that hosts the databases for the farm.

You are upgrading the farm to SharePoint 2013.

You need to ensure that users can access the unmodified farm contents during the upgrade process.

What should you do?

- A. Run the following Transact-SQL (T-SQL) statement for each content database and service application you plan to upgrade. ALTER DATABASE <database name>SET READ\_ONLY;
- B. Run the following command-line tool for each site collection in the content databases you plan to upgrade. Stsadm -o setsitelock -urKsite collection name> -lock readonly
- C. Run the following Windows PowerShell cmdlets for each web application in the SharePoint 2010 farm you plan to upgrade. \$db = Get-SPContentDatabase<web application name>Set-SPContentDatabase\$db -Status Offline
- D. Run the following Transact-SQL (T-SQL) statement for each content database and service application you plan to upgrade. EXEC sp\_dboption<database name>, "read only", "True";

---

**Answer: A**

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---

**Question: 49**

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DRAG DROP

An organization has an Active Directory Domain Services (AD DS) domain and a SharePoint intranet site. You need to ensure that only members of the AD DS security group named Managers can create personal sites. 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.)

Answer Area
Run the SharePoint 2013 Product Configuration wizard.
Configure user permissions for the User Profile service application.
Sign in to Central Administration.
Manage permissions for the Secure Store service application.
Configure site app permissions for the intranet site collection.
Manage settings for the User Profile service application.
Sign in to the intranet site collection.

---

**Answer:**

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Box 1: Sign in to Central Administration

Box 2: Manage settings for the User Profile service application.

Box 3: Configure user permissions for the User Profile service application

Explanation:

Note:

\* SharePoint Server 2013 includes several changes to the User Profile service application settings in Central Administration to support new My Sites functionality.

\*Configure permissions for personal and social

The Manage User Permissions page contains new and updated settings for the User Profile service application. You can select one or more of the following permissions for users and groups that you want to grant permission to personal and social features:

/ Create Personal Site (required for personal storage, newsfeed, and followed content) This permission enables users to create personal sites to store their documents, newsfeed, and followed content.

/ Follow People and Edit Profile This permission enables users to follow people from their My Site and to edit their personal profile.

/ Use Tags and Notes This permission enables users to use the Tags and Notes feature from SharePoint Server 2010.

Reference: Explore Microsoft SharePoint 2013

---

**Question: 50**

---

DRAG DROP

You provision and configure a new SharePoint farm. The farm has not been backed up. You need to use Windows PowerShell to back up all service applications in the farm. How should you build the cmdlet? (To answer, drag the appropriate element to the correct location or locations in the answer area. Each element 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.)

The screenshot shows a Windows PowerShell window with a light blue header. On the left, there is a vertical list of items in yellow boxes: "Differential", "Farm", "Farm\Shared Services", "Full", "SPConfigurationDatabase", and "SPFarm". To the right, under the heading "Answer Area", there is a "Backup-" command followed by three parameters: "-Directory \\\srv01\backup\", "-BackupMethod", and "-Item". Each parameter has a corresponding empty input box to its right.

---

### Answer:

---

The screenshot shows the same PowerShell window with the cmdlet now fully constructed. The "Backup-" command is followed by "-SPFarm" (under "SPFarm"), "-Directory \\\srv01\backup\" (under "Full"), "-BackupMethod" followed by "Full" (under "Farm\Shared Services"), and "-Item" (under "Farm\Shared Services"). All elements have been moved from the left list to their respective places in the cmdlet.

**Explanation:**

**Note:**

\* You can use Windows PowerShell to back up the farm manually or as part of a script that can be run at scheduled intervals.

\* The Backup-SPFarmcmdlet creates a backup for the entire farm or individual components within the farm. It can also be used to back up just the configuration settings of a farm to be used as a farm template for other SharePoint farms.

**Syntax:**

```
Backup-SPFarm -BackupMethod<String> -Directory <String> [-AssignmentCollection<SPAssignmentCollection>] [-BackupThreads<Int32>] [-ConfigurationOnly<SwitchParameter>] [-Confirm [<SwitchParameter>]] [-Force <SwitchParameter>] [-Item <String>] [-Percentage <Int32>] [-WhatIf [<SwitchParameter>]]
```

\* Here we need a full backup, since the farm has not been backed up earlier.

\* Item Parameter

Indicates the part of the farm to back up.

Here we should use Farm\Shared Services

---

### Question: 51

---

**HOTSPOT**

You are configuring SharePoint social features.

You need to ensure that users can configure the SharePoint social features settings from their own profiles.

On which page should you configure the settings? (To answer, select the appropriate link in the answer area.)



## People

[Manage User Properties](#) [Manage User Profiles](#) [Manage User Sub-types](#) |  
[Manage Audiences](#) | [Schedule Audience Compilation](#) | [Compile Audiences](#) |  
[Manage User Permissions](#) [Manage Policies](#)

---

**Answer:**

Select "Manage User Permissions"

---

## Question: 52

DRAG DROP

You are planning to install an instance of Microsoft SQL Server for a SharePoint 2013 farm.

You have the following requirements:

Ensure that databases can be redirected to other servers.

Minimize potential security threats.

You need to install and configure the instance.

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.)

Answer Area
Create a SQL Server alias and configure the farm to use the alias.
Create a default instance of SQL Server.
Create a named instance of SQL Server.
Configure the instance to use a standard port.
Configure the instance to use a custom port.

---

**Answer:**

Box 1: Create a named instance of SQL Server.

Box 2: Configure the instance to use a custom port.

Box 3: Create a SQL Server alias and configure the farm to use the alias.

Explanation:

Note:

- \* To harden the security for SQL server it is highly recommend to install SQL Server with named instance with custom port and block all default SQL specific ports.

- \* After the installation of SQL Server with named instance, we have to assign a custom static port number for the SQL Service.

- \* After the SQL installation we go to the SharePoint side.

We have to configure the SQL Client Alias.

Reference: Install & Configure SharePoint 2013 with SQL Client Alias

---

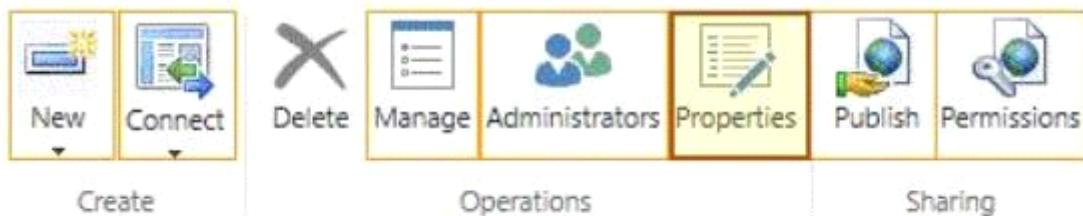
## Question: 53

HOTSPOT

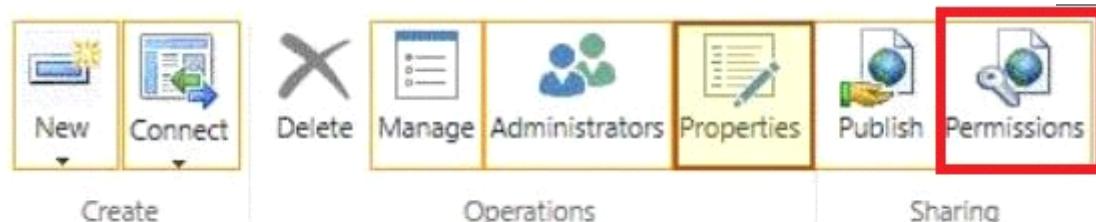
An organization has two SharePoint farms named FarmA and FarmB.

You need to grant a service account full control of the Managed Metadata service on Farm A.

In Central Administration, which command should you select to complete the configuration? (To answer, select the appropriate command in the answer area.)



**Answer:**



**Explanation:**

**Note:**

**Example:**

Event ID: 8077

Message "There are no instances of Managed Web Service is started on any server in the farm. Ensure that at least one instance is started on an application server in the farm using the Services on Server Page in Central Administration."

**Solution:**

Your SharePoint Admin Account or System Account that you are using to browse the Central Administration does not have access to service Application so

Go to Manage Service Applications Page

Select Managed Metadata Service Application Row

		Operations	Sharing
		Administrators	Properties
		Publish	Permissions
Name	Type		
Application Discovery and Load Balancer Service Application	Application Discovery and Load Balancer Service Application		
Application Discovery and Load Balancer Service Application Proxy_012a7523-8827-4ae7-8a89-78fd442ad3b9	Application Discovery and Load Balancer Service Application Proxy		
Excel Services Service Application	Excel Services Application Web Application		
Excel Services Service Application	Excel Services Application Web Application Proxy		
Managed Metadata Service Application	Managed Metadata Service		

From Ribbon Click Permissions

Now Add your Admin account contoso\SP\_Admin in my case. Click Add and give him all 3 permissions and click OK.

Reference: Setting Up Managed Metadata Service Application SharePoint 2013

---

### **Question: 54**

You are configuring SharePoint 2013 to support business intelligence.

You need to install PowerPivot for SharePoint.

What should you do?

- A. Run the SQL Server 2012 setup package.
- B. Download and install PowerPivot for SharePoint from the PowerPivot SQL Server 2012 SP1 Feature Pack webpage.
- C. Run the SQL Server 2008 setup package.
- D. Run the SQL Server 2008 R2 SP1 setup package.

---

**Answer: B**

---

### **Question: 55**

You are configuring a SharePoint farm.

You have the following requirements:

Implement an enterprise resource pool.

Enable tasks to be assigned to users.

Implement a resource breakdown structure.

You need to implement a solution that meets the requirements.

What should you do?

- A. Create a SharePoint task list.
- B. Integrate Microsoft Project Server with SharePoint.
- C. Create a SharePoint team site.
- D. Create a collaboration portal.

---

**Answer: B**

---

### **Question: 56**

You are moving a customized SharePoint site collection to a new farm. You attach and mount the source content database in the destination farm.

You need to ensure that all customizations from the source farm are available in the destination farm.

What should you do?

- A. Copy all search indexes from the source farm to the destination farm.
- B. Configure alternate access mappings on the source server.
- C. Copy all custom master pages from the source site collection to the Style Library in the destination site collection.
- D. Copy all custom site definitions from the file system of the source farm to the destination farm.

---

**Answer: D**

---

Explanation:

Note:

\* SharePoint Server 2013 customers can create their own site definitions that customize and extend standard SharePoint site templates.

\* To create a custom site definition with one or more custom site definition configurations on front-end servers, you must create a copy of an existing site definition directory.

\* For backup/restore and migration operations, you must restore your site to a server that has the same front-end customizations as the server from which you backed up or migrated.

Reference: Guidelines for Using Custom Site Definitions, Configurations, and Templates

### Question: 57

#### HOTSPOT

A company upgrades a SharePoint environment from SharePoint 2010 to SharePoint 2013.

The Site Feeds feature is not available on the upgraded sites.

You need to activate Site Feeds.

What should you do? (To answer, select the appropriate options from the drop-down lists in the answer area.)

After upgrading the  ,

activate site feeds on the upgraded sites

by first enabling the  ,

feature, and then enabling the

feature.

After upgrading the  ,

App Catalogs  
My Sites  
Team Sites

activate site feeds on the upgraded sites

by first enabling the  ,

Following Content  
Getting Started  
Site Feed

feature, and then enabling the

feature.

Following Content  
Getting Started  
Site Feed

Answer:

After upgrading the [dropdown menu],  
[dropdown menu] contains:  
App Catalogs  
My Sites  
**Team Sites**

activate site feeds on the upgraded sites

by first enabling the [dropdown menu]  
[dropdown menu] contains:  
**Following Content**  
Getting Started  
Site Feed

feature, and then enabling the

[dropdown menu] feature.  
[dropdown menu] contains:  
Following Content  
Getting Started  
**Site Feed**

### Question: 58

DRAG DROP

A site collection includes a subsite that has the following characteristics:

The subsite does not appear in the navigation structure for the site collection.

It does not appear in the end user recycle bin or the site collection recycle bin.

It was last accessed two months ago.

You need to restore the subsite without overwriting any other content in the site collection.

Which five 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.)

Answer Area	
Perform an export operation to extract the deleted subsite from the restored content database.	
Perform a site collection backup operation to extract the subsite from the restored content database.	
Sign in to Central Administration and attach the restored content database to the web application that hosts the site collection.	
Retrieve the two-month-old Microsoft SQL Server backup of the content database containing the site collection.	
Import the extracted subsite into the original site collection.	
Sign in to Central Administration and initiate a granular backup to recover data from an unattached content database.	
Restore the database backup to a Microsoft SQL Server instance accessible by the SharePoint farm.	

---

### Answer:

---

Box 1:

Retrieve the two-month-old Microsoft SQL Server backup of the content database containing the site collection.

Box 2:

Restore the database backup to a Microsoft SQL Server instance accessible by the SharePoint farm.

Box 3:

Sign in to Central Administration and initiate a granular backup to recover data from an unattached content database.

Box 4:

Perform an export operation to extract the deleted subsite from the restored content database.

Box 5:

Import the extracted subsite into the original site collection.

Explanation:

Note:

\*(box 4) Export-SPWeb

Exports a site, list, or library.

TheExport-SPWeb cmdlet exports a site, list, or library. The capability to export from a library is a new feature in SharePoint 2013.

\* (box 5) Import-SPWeb

Imports a web, list, or library.

The Import-SPWeb cmdlet imports a web, list, or library. The capability to import from a library is a new feature in SharePoint 2010 Products.

### **Question: 59**

HOTSPOT

You are a SharePoint administrator at Litware, Inc. A Business Data Connectivity service application has recently been deployed.

Users report that they cannot create external lists that contain the external content types, and they receive the following error message when they try to open existing external lists: "Access Denied by Business Data Connectivity". You need to configure the minimum permissions required so that users can create external lists and read data in external lists.

On the Set Object Permissions page, which permissions should you select? (To answer, select the appropriate permissions in the answer area.)



To remove an account, or group, select it above and click 'Remove'.

Permissions for LITWARE\dbReaders\_AdventureWorks:

- Edit
- Execute
- Selectable In Clients
- Set Permissions



**Answer:**

LITWARE\dbReaders\_AdventureWorks

To remove an account, or group, select it above and click 'Remove'.

Remove

Permissions for LITWARE\dbReaders\_AdventureWorks:

- Edit
- Execute
- Selectable In Clients
- Set Permissions



### Question: 60

A company uses SharePoint Online. The company has implemented eDiscovery.

You create a security group named eDiscovery.

You need to ensure that users in the eDiscovery group can view all discoverable content.

What should you do?

- A. Add the eDiscovery group as site collection administrators for every site collection that contains discoverable content.
- B. Grant Full Control permissions to eDiscovery administrators.
- C. Grant the eDiscovery group access to content in all web applications by using a web application user policy.
- D. Configure the eDiscovery center to use forms-based authentication.

Answer: C

### Question: 61

An organization has a SharePoint environment that contains the following three farms:

Farm1 has a Search service application that is configured to crawl all SharePoint sites in Farm1.

Farm2 has a Search service application that is configured to crawl all SharePoint sites in Farm2 and Farm3.

Farm3 does not have a Search service application.

You need to plan for eDiscovery so that you can discover all SharePoint site content in the environment.

Where should you place the eDiscovery Center or Centers?

- A. Farm2 and Farm3
- B. Farm1
- C. Farm2
- D. Farm1 and Farm2

---

**Answer: D**

---

**Question: 62****DRAG DROP**

An organization plans to install apps in its production SharePoint environment hosted at sharepoint.contoso.com.

The services necessary to host and enable apps have not been configured.

You need to configure the environment to host SharePoint apps.

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.)

Answer Area
In DNS Manager, right-click the <b>cohownery-apps.com</b> domain, and then click <b>New Host (A or AAAA)</b> .
In DNS Manager, create a new Forward Lookup Zone named <b>cohownery-apps.com</b> .
In DNS Manager, right-click the <b>cohownery.com</b> domain, and then click <b>New Alias (CNAME)</b> .
In the <b>Fully qualified domain name (FQDN) for target host</b> field, enter the FQDN for the server that hosts the SharePoint site.
In the <b>Fully qualified domain name (FQDN) for target host</b> field, enter the FQDN for the server that hosts the Microsoft SQL Server instance for the SharePoint farm.
In DNS Manager, right-click the <b>cohownery.com</b> domain, and then click <b>New Host (A or AAAA)</b> .
In the <b>Alias Name</b> field, enter <b>*.cohownery-apps.com</b> .

---

**Answer:**

---

Box 1:

In DNS Manager, right-click the **cohownery.com** domain, and then click **New Alias (CNAME)**.

Box 2:

In the **Alias Name** field, enter **\*.cohownery-apps.com**.

Box 3:

In the **Fully qualified domain name (FQDN) for target host** field, enter the FQDN for the server that hosts the SharePoint site.

Explanation:

Note:

\*

To create a wildcard Alias (CNAME) record for the new domain name

Verify that the user account that performs this procedure is a local administrator on the domain controller.

In DNS Manager, under Forward Lookup Zones, right-click the new app domain name, and then click New Alias (CNAME). (box 1)

In the New Resource Record dialog box, in the Alias name (uses parent domain if left blank) box, type \*.

The Fully qualified domain name (FQDN) box displays \*. followed by the domain name that you created for apps. For example, \*.ContosoApps.com or \*.Contoso-Apps.com. (box 2)

Next to the Fully qualified domain name (FQDN) for target host box, type the FQDN of the server that hosts the SharePoint sites. (box 3)

\* Overview of how to configure an environment for apps for SharePoint

## Before you begin

Buy a domain for apps from a domain provider **ContosoApps.com**

---

## On your DNS Server



- ① Create a forward lookup zone for apps **ContosoApps.com**
- ② Create a CNAME alias from the app domain to the SharePoint domain **\*.ContosoApps.com -> SharePoint.Contoso.com**

## For SSL (<https://> URLs)



- ③ Create a wildcard SSL certificate for the new app domain **[https://\\*.ContosoApps.com](https://*.ContosoApps.com)**

## On your SharePoint Servers



- ④ Configure the Subscription Settings service application by using Windows PowerShell.



- ⑤ Configure the App Management service application (Central Administration or Windows PowerShell).

- ⑥ Configure the App URLs in Central Administration

**Domain: ContosoApps.com  
Prefix: Apps**

\* SharePoint-hosted apps for SharePoint are installed on a SharePoint 2013 website, called the host web, and that have their resources hosted on an isolated subsite of a host web, called the app web. This approach enables you to reuse common SharePoint artifacts, such as lists and Web Parts. When you take this approach, you can use only JavaScript and you cannot use any server-side code.

Reference: Configure an environment for apps for SharePoint (SharePoint 2013)

## Question: 63

---

You are configuring SharePoint 2013 to support business intelligence.

You need to install PowerPivot for SharePoint.

What should you do?

- A. Download and install PowerPivot for SharePoint from the PowerPivot SQL Server 2008 R2 SP1 Feature Pack webpage.
- B. Download and install PowerPivot for SharePoint from the PowerPivot SQL Server 2012 SP1 Feature Pack webpage.
- C. Run the SQL Server 2012 setup package.
- D. Run the SQL Server 2008 R2 SP1 setup package.

---

**Answer: B**

---

### **Question: 64**

---

You are moving a customized SharePoint site collection to a new farm.

You attach and mount the source content database in the destination farm.

You need to ensure that all customizations from the source farm are available in the destination farm.

What should you do?

- A. Copy all custom master pages from the source site collection to the master page gallery in the destination site collection.
- B. Copy all custom site definitions from the file system of the source farm to the destination farm.
- C. Copy all permission levels from the source farm to the destination farm.
- D. Copy all search indexes from the source farm to the destination farm.

---

**Answer: B**

---

### **Question: 65**

---

You are creating a SharePoint site that will be accessed from the following devices:

Client computers

Windows Phone devices

Windows 8 RT devices

You need to optimize the SharePoint experience for the listed devices.

What should you configure?

- A. Device channels
- B. Image renditions
- C. Design Manager
- D. Custom list views
- E. Variations

---

**Answer: A**

---

### **Question: 66**

---

You are moving a customized SharePoint site collection to a new farm. You attach and mount the source content database in the destination farm.

You need to ensure that all customizations from the source farm are available in the destination farm. What should you do?

- A. Install all custom applications in the destination farm.
- B. Configure alternate access mappings on the source server.
- C. Copy all search indexes from the source farm to the destination farm.
- D. Copy all SharePoint groups and users from the source farm to the destination farm.

---

**Answer: A**

---

### Question: 67

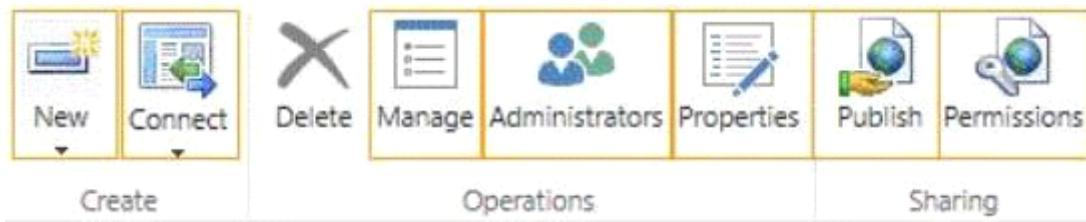
---

#### HOTSPOT

An organization has two SharePoint farms named FarmA and FarmB.

You need to configure FarmA to consume the Managed Metadata service from FarmB.

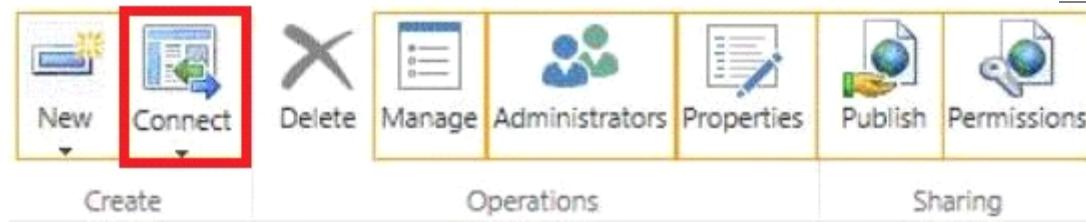
In Central Administration, which command should you select to complete the configuration? (To answer, select the appropriate command in the answer area.)




---

**Answer:**

---



### Question: 68

---

#### HOTSPOT

A company uses SharePoint Server to manage document templates. Each department stores its templates in a department-specific site collection.

All templates use a content type named Corporate Templates. Templates are stored in document library apps with other types of files.

The Search service application must meet the following requirements:

Users can search from a single location across all department site collections.

Search results include content from all site collections that contain templates.

You need to configure the Search service application to meet the requirements.

On the Search Administration page, which search feature should you configure? (To answer, select the appropriate feature in the answer area.)

Crawling

Content Sources

Crawl Rules

Server Name Mappings

File Types

Index Reset

Crawler Impact Rules

Queries and Results

Authoritative Pages

Result Sources

Query Rules

Query Client Types

Search Schema

Query Suggestions

Search Dictionaries

Search Result Removal

---

Answer:

---

Crawling

Content Sources

Crawl Rules

Server Name Mappings

File Types

Index Reset

Crawler Impact Rules

Queries and Results

Authoritative Pages

Result Sources

Query Rules

Query Client Types

Search Schema

Query Suggestions

Search Dictionaries

Search Result Removal

**Question: 69****DRAG DROP**

A company plans to upgrade a SharePoint 2010 farm to SharePoint Server 2013. The site collection administrators will upgrade the SharePoint sites.

The SharePoint 2013 environment contains a web application dedicated to the upgrade process.

You need to migrate SharePoint 2010 content to the SharePoint 2013 environment. Before completing the upgrade process, you must ensure that all required customizations have been deployed.

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.)

Answer Area
Run the <b>Test-SPContentDatabase</b> Windows PowerShell cmdlet.
Run the <b>Mount-SPContentDatabase</b> Windows PowerShell cmdlet.
In Central Administration, attach the content database.
Run the <b>Move-SPWebApplication</b> Windows PowerShell cmdlet and apply customizations.
In the SharePoint 2013 farm, restore the SharePoint Server 2010 databases.

**Answer:**

Box 1: In the SharePoint 2013 farm, restore the SharePoint Server 2010 databases.

Box 2: Run the Mount-SpContentDatabase Windows PowerShell cmdlet.

Box 3: Run the Test-SPContentDatabase Windows PowerShell cmdlet.

**Explanation:****Note:**

- \* You must use the Mount-SPContentDatabase cmdlet to attach a content database to a web application.
- \* (incorrect) Using the SharePoint Central Administration pages to attach a content database is not supported for upgrading.
- \* This is the fourth phase in the process to upgrade SharePoint 2010 Products data and sites to SharePoint 2013. The process includes the following phases that must be completed in order:
  - 1.Create the SharePoint 2013 farm for a database attach upgrade
  - 2.Copy databases to the new farm for upgrade to SharePoint 2013
  - 3.Upgrade service applications to SharePoint 2013
  - 4.Upgrade content databases to SharePoint 2013 (this phase)
  - 5.Upgrade site collections to SharePoint 2013
- \* Test-SPContentDatabase  
Tests a content database.  
Use the Test-SPContentDatabase cmdlet to test a content database against a Web application to verify all customizations referenced within the content database are also installed in the web application. This cmdlet can be issued against a content database currently attached to the farm, or a content database that is not connected to the farm. It can be used to test content databases from SharePoint 2010 Products and from SharePoint Products and Technologies.
- \* (incorrect) There is no method Move-SPWebApplication

Reference: Upgrade content databases to SharePoint 2013

---

### Question: 70

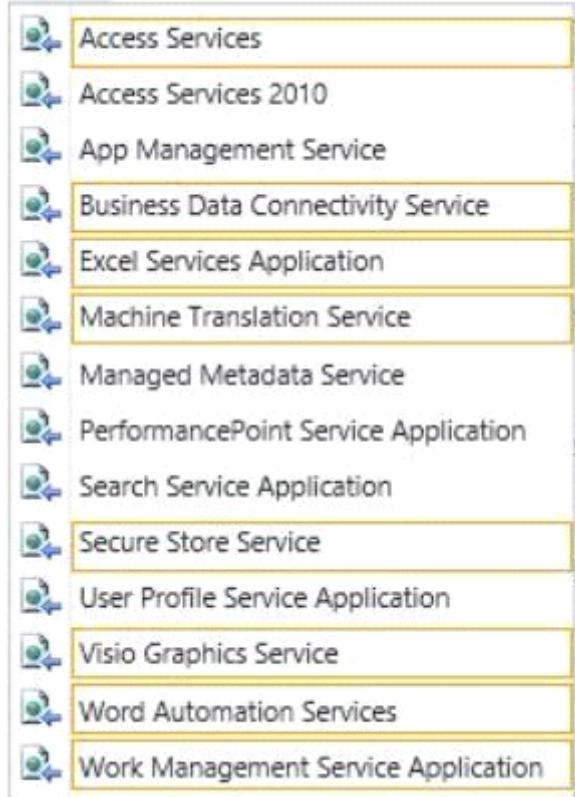
---

#### HOTSPOT

You develop an application that creates variations of a submitted page. These variations display the original authored page in three different languages.

You need to create a service application to support the language conversion efforts.

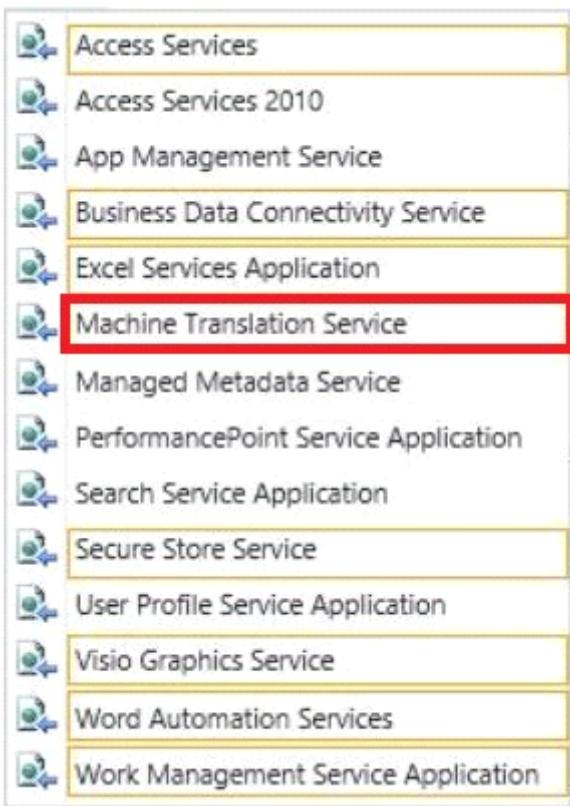
Which service application should you create? (To answer, select the appropriate service application in the answer area).



---

**Answer:**

---

**Question: 71**

You are managing a SharePoint farm.

You need to ensure that new content is included in search results as soon as possible.

What should you do?

- A. Configure on-demand crawling.
- B. Configure an incremental crawl to run every 30 minutes.
- C. Configure continuous crawling.
- D. Add an additional index server to the farm.
- E. Configure an incremental crawl to run every day.
- F. Reset the search index.

**Answer: C****Question: 72**

DRAG DROP

You are upgrading a SharePoint environment from SharePoint 2010 to SharePoint 2013.

Users must be able to access but not modify SharePoint site content during the upgrade.

You need to upgrade the SharePoint environment.

Which five steps 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.)

Answer Area	
Set the SharePoint content database read-only state to <b>False</b> .	
Back up the SharePoint 2010 content database and restore it to the SharePoint 2013 farm.	
Set the SharePoint content database read-only state to <b>True</b> .	
Connect to the SQL instance that hosts the SharePoint 2013 content database.	
Detach the SharePoint 2010 content database and attach it in the SharePoint 2013 environment.	
Connect to the SQL instance that hosts the SharePoint 2010 content database.	

**Answer:**

Box 1: Connect to the SQL instance that hosts the SharePoint 2010 content database.

Box 2: Set the SharePoint content database read-only state to True.

Box 3: Back up the SharePoint 2010 content database and restore it to the SharePoint 2013 farm.

Box 4: Connect to the SQL instance that hosts the SharePoint 2013 content database

Box 5: Set the SharePoint content database read-only state to False.

Explanation:

Note:

\* (box 2) Set the previous version databases to be read-only

If you want your original environment to remain available to users in a read-only state, set the databases to read-only before you back them up.

\*

/(box 3) Back up databases

Back up all the content databases and the following service application databases before you begin the database attach upgrade process

/ (box 3) Restore a backup copy of the databases

Restore the databases from the backup.

/(box 4/5) Set the restored databases to be read-write

Before you can attach and upgrade the databases that you copied to the new environment, you must set them to read-write.

Reference: Checklist for database-attach upgrade (SharePoint 2013)

**Question: 73**

A SharePoint 2010 environment contains a Microsoft SQL Server 2008 R2 database instance named SP-SQL that hosts the databases for the farm.

You are upgrading the farm to SharePoint 2013.

You need to ensure that users can access the unmodified farm contents during the upgrade process.

What should you do?

A. In SQL Server Management Studio, locate the SQL Server instance containing the content databases and service

- application databases you plan to upgrade. Set the Instance Read-Only value to True.
- B. In SQL Server Management Studio, locate the content databases and service application databases you plan to upgrade. Set the Database Read-Only value to True.
- C. Run the following Transact-SQL (T-SQL) statement for each content database and service application you plan to upgrade. EXEC sp\_dboption<database name>, "read only", "True";
- D. Run the following command-line tool for each site collection in the content databases you plan to upgrade. Stsadm -o setsitelock -urlsite collection name> -lock readonly

---

**Answer: B**

---

### Question: 74

---

DRAG DROP

A SharePoint 2010 environment contains the site collections described in the following table.

Site collection URL	Content database name
http://intranet.contoso.com	Intranet_Content
http://hr.contoso.com	HR_Content

You plan to migrate the environment to SharePoint 2013. You create a SharePoint 2013 site at the URL <http://testIntranet.contoso.com>. You restore the database backups from the 2010 environment to the 2013 environment. You test the migration plan by migrating the Intranet\_Content database to the new site. You need to verify that the test migration succeeds.

Which Windows PowerShell cmdlets should you run? (To answer, drag the appropriate cmdlets to the correct location or locations 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.)

```
Mount-SPContentDatabase
-Name Intranet_Content
-WebApplication http://intranet.contoso.com
```

```
Mount-SPContentDatabase
-Name Intranet_Content
-WebApplication http://testIntranet.contoso.com
```

```
Test-SPContentDatabase
-Name Intranet_Content
-WebApplication http://intranet.contoso.com
```

```
Test-SPContentDatabase
-Name Intranet_Content
-WebApplication http://testIntranet.contoso.com
```

Answer Area

Run the following Windows PowerShell cmdlets in the following order:

---

**Answer:**

---

Box 1:

```
Mount-SPContentDatabase
-Name Intranet_Content
-WebApplication http://testIntranet.contoso.com
```

Box 2:

```
Test-SPContentDatabase
-Name Intranet_Content
-WebApplication http://testIntranet.contoso.com
```

**Question: 75**

You are configuring a SharePoint farm.  
 You have the following requirements:  
 Implement an enterprise resource pool.  
 Enable tasks to be assigned to users.  
 Implement a resource breakdown structure.  
 You need to implement a solution that meets the requirements.  
 What should you do?

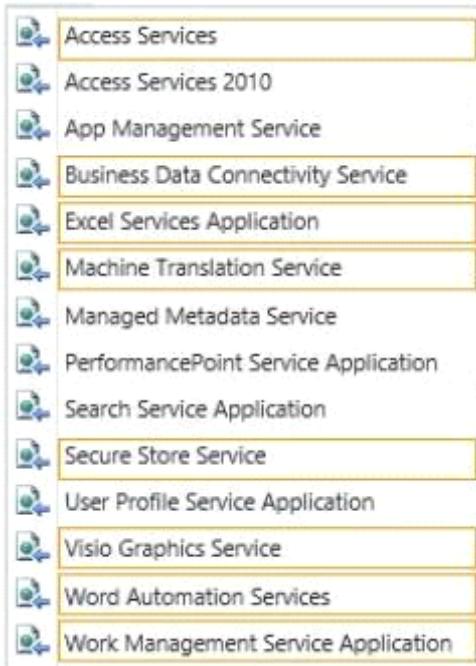
- A. Import a Microsoft Excel spreadsheet as a custom list.
- B. Provision a Microsoft Project web app.
- C. Create a SharePoint task list.
- D. Create a collaboration portal.

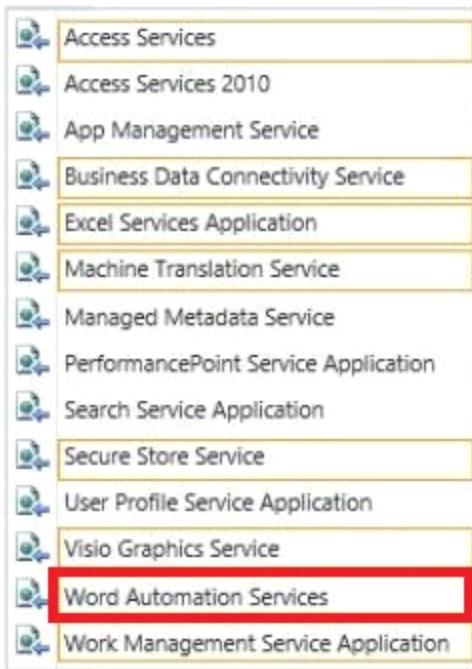
**Answer: B****Question: 76****HOTSPOT**

You develop an application that generates PDF files from an XML content stream.

You need to create a service application to support the file conversion efforts.

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

**Answer:**

**Question: 77****HOTSPOT**

You are managing search results in a SharePoint farm.

You need to promote or demote search results that include specific tags.

In the Search service application, what should you configure? (To answer, select the appropriate link in the answer area.)

Rule name

Query Matches Keyword Exactly ▼

Query exactly matches one of these phrases (semi-colon separated)

[Remove Condition](#)

[Add Alternate Condition](#)

Promoted Results

[Add Promoted Result](#)

Result Blocks

[Add Result Block](#)

[Change ranked results by changing the query](#)

**Answer:**

Rule name

Query Matches Keyword Exactly

Query exactly matches one of these phrases (semi-colon separated)

[Remove Condition](#)

[Add Alternate Condition](#)

Promoted Results

[Add Promoted Result](#)

Result Blocks

[Add Result Block](#)

[Change ranked results by changing the query](#)

## Question: 78

You have a SharePoint Server 2013 server farm.

Users purchase several apps for Microsoft Office from the Office Store.

You need to prevent documents containing Apps for Office that are uploaded to SharePoint document libraries from being rendered in a web browser.

What should you configure?

- A. The SharePoint Store settings from Central Administration
- B. The HTML Field Security settings of the site collection
- C. The Apps for Office document library in the App Catalog
- D. The General settings of the web application

---

**Answer: A**

---

Explanation:

Configure app requests and SharePoint Store settings

To configure SharePoint Store settings

Verify that the user account that is performing this procedure is a member of the Farm Administrators group.

In Central Administration, on the Apps page, in the SharePoint and Office Store section, click Configure Store Settings.

On the SharePoint Store Settings page, verify that the selected web application is the web application that you want to configure.

If you want to switch to a different web application, click the down arrow next to the web application URL to change to a different web application.

To allow or prevent apps for Office from the Office Store to be started when a user opens a document in the browser, select an option for Should apps for Office from the store be able to start when documents are opened in the browser?

Select Yes to allow apps for Office from the Office Store to start.

Select No to prevent apps for Office from the Office Store from starting.

Reference: Manage the App Catalog in SharePoint 2013

---

### **Question: 79**

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You have a SharePoint Server 2013 server farm.

You have a Microsoft Visio drawing named Drawing1.vsdx that is 40 MB.

You add the Visio Web Access Web Part to a page and configure the Web Part to display Drawing1.

You discover that the Visio diagram is not displayed on the page.

Other Visio diagrams are displayed successfully by using the Visio Web Access Web Part.

You need to ensure that Drawing1.vsdx is displayed in the Visio Web Access Web Part.

What should you modify?

- A. The site collection policy
- B. The Global Settings of the Visio Services service application
- C. The General settings of the web application
- D. The List Settings of the list where Drawing1.vsdx is stored

---

**Answer: B**

---

---

### **Question: 80**

---

You have a SharePoint Server 2013 server farm.

You purchase an app for SharePoint from the Office Store.

You plan to deploy the app to the farm.

You need to recommend which changes must be made to the network infrastructure before you can deploy the app.

What should you recommend?

- A. Add a host header in Internet Information Services (IIS).
- B. Modify the Hosts file on the front-end Web servers.
- C. Modify the Web.config file on the front-end Web servers.
- D. Add an alias (CNAME) record in DNS.

---

**Answer: D**

---

Explanation:

Before you use apps for SharePoint in your environment, you have to configure your environment to support them. If you don't configure your environment, site owners who try to install and use apps for SharePoint receive error messages. For all apps for SharePoint, you must set up a Domain Name Services (DNS) domain name to provide a host name for the installed apps.

By using a separate domain name, apps for SharePoint are separated from SharePoint sites to prevent unauthorized access to user data and to reduce the possibility of cross-site scripting attacks. The use of separate URLs for apps for SharePoint and SharePoint sites is called app isolation. You also need a DNS record so that the domain name can get correctly resolved. You can create one of two of the following types of DNS records for app for SharePoint URLs:

- \* A wildcard Canonical Name (CNAME) record that points to the host domain assigned to the SharePoint farm.
- \* A wildcard A record that points to the IP address for the SharePoint farm.

---

### **Question: 81**

---

**DRAG DROP**

You plan to deploy a SharePoint Server 2013 server farm.

You need to recommend which methods must be used to back up the following components:

The Managed Metadata Service, including the associated proxy

The entire farm, including all of the data and all of the configurations

A single list only

Which backup method should you recommend for each component? (To answer, drag the appropriate backup methods to the correct components. Each backup method 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.)

<b>Backup Methods</b>	<b>Answer Area</b>
Back up from Central Administration.	The Managed Metadata Service, including the associated proxy
Back up from Microsoft SQL Server.	The entire farm, including all of the data and all of the configurations
Back up from Windows Server Backup.	A single list only

**Answer:**

**Answer Area**

The Managed Metadata Service, including the associated proxy	Back up from Central Administration.
The entire farm, including all of the data and all of the configurations	Back up from Central Administration.
A single list only	Back up from Central Administration.

**Explanation:****Note:**

\* Service information:

At the Windows PowerShell command prompt, type the following command:

```
Backup-SPFarm -Directory <BackupFolder> -BackupMethod {Full | Differential} -Item <ServiceApplicationName> [-Verbose]
```

Where:

<BackupFolder> is the path of a folder on the local computer or on the network in which you want to store the backups.

<ServiceApplicationName> is the name of the service application that you want to back up. To display the name of the service application, at the Windows PowerShell command prompt, type the following command: Backup-SPFarm -ShowTree.

\* Farm:

At the Windows PowerShell command prompt, type the following command:

```
Backup-SPFarm -Directory <BackupFolder> -BackupMethod {Full | Differential} [-Verbose]
```

\* Single list:

At the Windows PowerShell command prompt, type the following command:

```
Export-SPWeb -Identity <SiteURL> -Path <Path and File Name> [-ItemUrl <URL of Site, List, or Library>] [-IncludeUserSecurity]
```

Where:

<SiteURL> is URL for the site, list, or library that you are exporting.

<Path and FileName> is path and name for the site, list, or library that you are exporting.

<URL of Site, List, or Library> is the URL for the site, list, or library where you are exporting.

## Question: 82

### HOTSPOT

You have a SharePoint Server 2013 server farm.

The farm contains a site that has the URL <https://products.contoso.com>. The site contains a master product list that is generated by using a Business Data Connectivity Service. The Business Data Connectivity Service retrieves data from the web services of several suppliers. The site also contains product documentation stored as Microsoft Word documents.

The president of your company sends you the following email message: "The product list at <https://products.contoso.com> changes frequently. Our management and sales teams also make hundreds of changes to product documentation daily. I want to confirm that all of the data is backed up frequently."

The database administrator sends you the following email message: "We are performing daily incremental backups of Microsoft SQL Server at noon and at midnight. Also, we are performing a full backup of SQL Server on Saturday at 06:00. I'm hoping that this is sufficient."

The director of IT services sends you the following email message: "The company cannot afford to lose 12 hours of data if an issue occurs. We need to ensure that no more than the last two hours of data for the product list in SharePoint is lost if a server fails. The product documentation does not change as often as the product list, however, no more than the last four hours of product documentation in SharePoint can be lost if an issue occurs."

Select Yes if the statement can be shown to be true based on the available information; otherwise select No.

### Answer Area

	Yes	No
If the incremental backups of SQL Server are performed every two hours, the product list data will be backed up according to the requirements of the director of IT services.	<input type="radio"/>	<input type="radio"/>
If the incremental backups of SQL Server are performed every two hours, the product documentation will be backed up according to the requirements of the director of IT services.	<input type="radio"/>	<input type="radio"/>
You cannot guarantee that all of the data is being backed up.	<input type="radio"/>	<input type="radio"/>

Answer:

**Answer Area**

	Yes	No
If the incremental backups of SQL Server are performed every two hours, the product list data will be backed up according to the requirements of the director of IT services.	<input type="radio"/>	<input checked="" type="radio"/>
If the incremental backups of SQL Server are performed every two hours, the product documentation will be backed up according to the requirements of the director of IT services.	<input checked="" type="radio"/>	<input type="radio"/>
You cannot guarantee that all of the data is being backed up.	<input checked="" type="radio"/>	<input type="radio"/>

**Question: 83****HOTSPOT**

You are planning the deployment of a SharePoint Server 2013 server farm.

You gather requirements from the IT managers of three departments.

The human resources department requires one site collection that meets the following requirements:

Is accessible from the URL <http://hr.contoso.com>.

Can store 10 GB of documents.

The sales department requires five site collections that meet the following requirements:

The URL for all of the site collections will be located under <http://intranet.contoso.com>.

The site collections must only be accessible to users in the sales department.

The communications department requires one site collection that meets the following requirements:

The URL for the site collection will be located under <http://intranet.contoso.com>.

The site collection will host many Microsoft PowerPoint presentations. The presentations must be rendered in a web browser if a user does not have PowerPoint installed.

Select Yes if the statement can be shown to be true based on the available information; otherwise select No.

**Answer Area**

	Yes	No
The deployment requires a minimum of two web applications to host all of the site collections.	<input type="radio"/>	<input type="radio"/>
The deployment only requires one content database.	<input type="radio"/>	<input type="radio"/>
The deployment requires a minimum of three managed paths.	<input type="radio"/>	<input type="radio"/>

---

Answer:**Answer Area**

	Yes	No
The deployment requires a minimum of two web applications to host all of the site collections.	<input type="radio"/>	<input checked="" type="checkbox"/>
The deployment only requires one content database.	<input checked="" type="checkbox"/>	<input type="radio"/>
The deployment requires a minimum of three managed paths.	<input type="radio"/>	<input checked="" type="checkbox"/>

**Question: 84**

You plan to deploy a SharePoint Server 2013 server farm.

Your company frequently creates large video files that can be up to 40 GB in size.

You need to recommend a solution to ensure that users can locate the video files from within SharePoint sites.

What should you include in the recommendation?

- A. File shares and content sources
- B. File shares and shredded storage
- C. Remote BLOB Storage (RBS) and a BLOB cache
- D. Remote BLOB Storage (RBS) and content sources

---

**Answer: D**

**Explanation:**

\* RBS is a SQL Server library API set that is incorporated as an add-on feature pack for SQL Server 2008 R2, SQL Server 2008 or SQL Server 2008 R2 Express. The RBS feature enables applications, such as SharePoint 2013, to store BLOBS in a location outside the content databases. Storing the BLOBS externally can reduce how much SQL Server database storage space is required. The metadata for each BLOB is stored in the SQL Server database and the BLOB is stored in the RBS store.

\* The BLOB cache also provides features that support serving media files to users. One such feature is support for byte-range requests, which lets users select a later point in the video and immediately begin playback. Another feature is progressive caching, which starts serving the beginning of a large video file while the rest of the file is being cached. Video files are divided and retrieved in smaller sections to reduce the load between the front-end and back-end servers.

**Question: 85**

You have a SharePoint Server 2010 server farm. The farm contains a custom solution package (.wsp).

You upgrade the farm to SharePoint Server 2013.

You need to ensure that the solution package (.wsp) can be used in the farm.

Which cmdlet should you run first?

- A. Add-SPSolution
- B. Update-SPSolution
- C. Enable-SPFeature
- D. Install-SPSolution

---

**Answer: B**

---

**Update-SPSolution**

Upgrades a deployed SharePoint solution.

Incorrect:

Not C: The Enable-SPFeature cmdlet enables an installed feature at the given scope. If the feature is a farm feature, no URL is needed. Otherwise, provide the URL where the feature is to be enabled and it will be enabled at the proper scope based on the Feature definition

---

**Question: 86**

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**HOTSPOT**

You have a Windows SharePoint Services 3.0 server farm.

You plan to perform the following tasks:

Upgrade the Windows SharePoint Services 3.0 farm to Microsoft SharePoint Foundation 2010.

Upgrade SharePoint Foundation 2010 to SharePoint Server 2010.

Upgrade SharePoint Server 2010 to SharePoint Server 2013.

You need to recommend an upgrade method for each task. The solution must use in-place upgrades, whenever possible.

Which method should you recommend for each task? {To answer, select the appropriate upgrade method for each task in the answer area.)

**Answer Area**

**Upgrade the Windows SharePoint Services 3.0 farm to SharePoint Foundation 2010.**

database attach upgrade
in-place upgrade

**Upgrade SharePoint Foundation 2010 to SharePoint Server 2010.**

database attach upgrade
in-place upgrade

**Upgrade SharePoint Server 2010 to SharePoint Server 2013.**

database attach upgrade
in-place upgrade

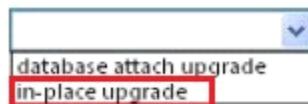
---

**Answer:**

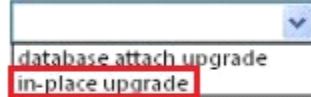
---

**Answer Area**

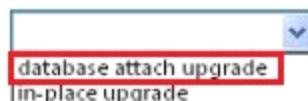
**Upgrade the Windows SharePoint Services 3.0 farm to SharePoint Foundation 2010.**



**Upgrade SharePoint Foundation 2010 to SharePoint Server 2010.**



**Upgrade SharePoint Server 2010 to SharePoint Server 2013.**



**Explanation:**

- \* When you run an in-place upgrade from Windows SharePoint Services 3.0 to Microsoft SharePoint Foundation 2010, the configuration data for the farm and all the content in the farm is upgraded on the existing hardware, in a fixed order.
- \* If you are running Microsoft SharePoint Foundation 2010 and have decided that you need the functionality of Microsoft SharePoint Server 2010, you can upgrade from SharePoint Foundation 2010 to SharePoint Server 2010. You can upgrade by using either the in-place or database attach upgrade approaches.
- \* When you upgrade from SharePoint 2010 Products to SharePoint 2013, you must use a database attach upgrade, which means that you upgrade only the content for your environment and not the configuration settings.

**Question: 87**

DRAG DROP

A SharePoint 2010 environment contains the site collections described in the following table.

Site collection URL	Content database name
http://intranet.contoso.com	Intranet_Content
http://hr.contoso.com	HR_Content

You plan to migrate the environment to SharePoint 2013. You create a SharePoint 2013 site at the URL <http://testIntranet.contoso.com>. You restore the database backups from the 2010 environment to the 2013 environment.

You test the migration plan by migrating the Intranet.Content database to the new site.

You need to verify that the test migration succeeds.

Which Windows PowerShell cmdlets should you run? (To answer, drag the appropriate cmdlets to the correct location or locations 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.)

Cmdlets	Answer Area
<pre>Mount-SPContentDatabase -Name Intranet_Content -WebApplication http://intranet.contoso.com</pre>	
<pre>Mount-SPContentDatabase -Name Intranet_Content -WebApplication http://testIntranet.contoso.com</pre>	
<pre>Test-SPContentDatabase -Name Intranet_Content -WebApplication http://intranet.contoso.com</pre>	
<pre>Test-SPContentDatabase -Name Intranet_Content -WebApplication http://testIntranet.contoso.com</pre>	

## Answer:

### Answer Area

Run the following Windows PowerShell cmdlets in the following order:

```
Test-SPContentDatabase  
-Name Intranet_Content  
-WebApplication http://testIntranet.contoso.com
```

```
Mount-SPContentDatabase  
-Name Intranet_Content  
-WebApplication http://testIntranet.contoso.com
```

Explanation:

Note:

\* Test –SPContentDatabase

Use the Test-SPContentDatabase cmdlet to test a content database against a Web application to verify all customizations referenced within the content database are also installed in the web application.

\* The Mount-SPContentDatabase cmdlet attaches an existing content database to the farm. If the database being mounted requires an upgrade, this cmdlet will cause the database to be upgraded.

Example:

ExAMPLE

Mount-SPContentDatabase "MyDatabase" -DatabaseServer "MyServer" -WebApplication <http://sitename>

This example mounts an existing database to the sitename web application. If upgrades are required, it triggers database schema upgrade and then performs only build-to-build upgrade actions on existing site collections if required.

## Question: 88

DRAG DROP

You plan to deploy the following elements to a SharePoint Server 2013 server farm:

A farm solution

A sandbox solution

A SharePoint hosted app

You need to identify where to deploy each element.

What should you identify? (To answer, drag the appropriate locations to the correct elements. Each location 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)

Locations	Answer Area
The App Catalog	A farm solution: <input type="text"/>
Central Administration	A sandbox solution: <input type="text"/>
The Solutions Gallery	A SharePoint hosted app: <input type="text"/>

**Answer:**

### Answer Area

A farm solution:	<input type="text"/> Central Administration
A sandbox solution:	<input type="text"/> The Solutions Gallery
A SharePoint hosted app:	<input type="text"/> The App Catalog

Explanation:

Note:

\*introducing Central Administration

At the heart of every server farm is the configuration database. This database stores the majority of your core server farm configuration. The association of Service Applications, configuration of Web Applications and content databases, email settings, server services architecture, farm solutions, and farm features are stored in this database. To manage all this configuration data, you need a tool. Central Administration is the primary administrative tool available to you

\* Site collection administrators now have the authority to upload, activate, delete, and manage sandboxed solutions using the new Solution Gallery, which is a repository of sandboxed solutions.

\* You can store apps for SharePoint and Office apps for your organization's internal use in an App Catalog site.

### Question: 89

DRAG DROP

You have a SharePoint Server 2013 server farm that has the Excel Services Application service application deployed. The farm uses a database server that has Microsoft SQL Server 2012 installed.

You need to implement PowerPivot for Excel Services in a basic configuration.

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

Actions	Answer Area
Upgrade SQL Server 2012 to Service Pack 1 (SP1).	
Create a SQL Server Reporting Services (SSRS) application.	
Add the SQL Server Analysis Services (SSAS) server to the Excel Services Application data model.	
Install SQL Server Analysis Services (SSAS) in SharePoint integrated mode.	
Add a SQL Server Analysis Services (SSAS) instance name as a trusted location in Excel Services.	

**Answer:**

Box 1:

Upgrade SQL Server 2012 to Service Pack 1 (SP1).

Box 2:

Install SQL Server Analysis Services (SSAS) in SharePoint integrated mode.

Box 3:

Add the SQL Server Analysis Services (SSAS) server to the Excel Services Application data model.

Explanation:

Note:

\* Step 1: Need to upgrade SQL server.

\* Step 2: On the Setup Role page, select SQL Server PowerPivot for SharePoint. This option installs Analysis Services in SharePoint mode.

Optionally, you can add an instance of the Database Engine to your installation. You might add the Database Engine when setting up a new farm and need a database server to run the farm's configuration and content databases. This option also installs SQL Server Management Studio.

SQL Server Feature Installation

Install SQL Server Database Engine Services, Analysis Services, Reporting Services, Integration Services, and other features.

1  SQL Server PowerPivot for SharePoint

Install PowerPivot for SharePoint on a new or existing SharePoint server to support PowerPivot data access in the farm. Optionally, add the SQL Server relational database engine to use as the new farm's database server.

2  Add SQL Server Database Relational Engine Services to this installation.

All Features With Defaults

Install all features using default values for the service accounts.

\* Step 3: Configure Excel Services for Analysis Services integration

In SharePoint Central Administration, in the Application Management group, click Manage Service Applications.

Click the name of your service application, the default is Excel Services Application.

On the Manage Excel Services Application page, click Data Model Settings.

Click Add Server.

In Server Name, type the Analysis Services server name and the PowerPivot instance name. For example MyServer\POWERPIVOT. The PowerPivot instance name is required.

Type a description.

Click Ok.

Reference: PowerPivot for SharePoint 2013 Installation

---

### **Question: 90**

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You have a SharePoint Server 2013 server farm and a Microsoft Exchange Server 2013 organization.

You need to provide a compliance officer with the ability to locate content in both Exchange Server 2013 and SharePoint Server 2013 based on keyword searches.

The compliance officer must be able to prevent the content from being deleted by users.

Which site template should you use?

- A. Document Center
- B. Records Center
- C. eDiscovery Center
- D. Enterprise Search Center

---

### **Answer: C**

---

Explanation:

You can manage the discovery process for Exchange Server 2013 from a SharePoint eDiscovery Center. You can do the following:

Add Exchange mailboxes as sources to either an eDiscovery set or a query.

Preview content that's discovered in an Exchange mailbox.

Apply a hold to an Exchange mailbox.

Export content that's discovered in an Exchange mailbox.

Incorrect:

Not A: Document Center

A site to centrally manage documents in your enterprise.

Not B: Records Center

This template creates a site designed for records management. Records managers can configure the routing table to direct incoming files to specific locations. The site also lets you manage whether records can be deleted or modified after they are added to the repository.

Not D: A Search Center site, or Search Center, provides an interface for users to submit search queries and view search results. A Search Center site is the top-level site of a site collection that a farm administrator creates by using the Enterprise Search Center template or Basic Search Center template.

Reference: Overview of eDiscovery and in-place holds in SharePoint Server 2013

---

### **Question: 91**

---

You plan to deploy a SharePoint Server 2013 server farm.

The sales department uses Microsoft Office documents to track sales leads.

You need to recommend a solution to ensure that users use the co-authoring functionality in SharePoint Server 2013 to collaborate on Office documents.

What should you include in the recommendation?

- A. The App Management Service
- B. OneNote Web App

- C. Word Automation Services
- D. The Work Management Service

---

**Answer: B**

**Explanation:**

Co-authoring simplifies collaboration by enabling multiple users to work productively on the same document without intruding on one another's work or locking out other users. This capability requires no additional server setup and is the default status for documents that are stored in SharePoint 2013 document libraries.

Here are some changes in co-authoring for Office 2013.

- \* Co-authoring is now supported in Visio Professional 2013, Word Web App, and PowerPoint Web App.
- \* Seeing other editors who join the document to co-author is faster in Word 2013, Excel 2013, PowerPoint 2013, and Visio Professional 2013.
- \* Updates are faster when multiple users co-author in the same OneNote page.

**Incorrect:**

Not C: Word Automation Services

Provides unattended, server-side conversion of documents that are supported by Word.

---

**Question: 92**

**DRAG DROP**

You plan to create two external content types named ECT1 and ECT2. ECT1 will retrieve data from a database hosted on a Microsoft SQL Server server. ECT2 will retrieve data from a database hosted on an Oracle server. ECT1 and ECT2 will be deployed at the server farm-level.

You need to recommend a tool to create the external content types. The solution must minimize development effort. Which tool should you recommend? (To answer, drag the appropriate tools to the correct external content types. Each tool 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.)

Tools	Answer Area
InfoPath Designer	ECT1: <input type="text"/> Tool
Microsoft SharePoint Designer	ECT2: <input type="text"/> Tool
Microsoft Visual Studio	⋮
PerformancePoint Dashboard Designer	

---

**Answer:**

ECT1:

ECT2:

**Explanation:**

**Box 1: Define general information**

Start Microsoft SharePoint Designer 2013.

Click Open Site, and then enter the appropriate site name.

In the Navigation pane, under Site Objects, select External Content Types.

To open the External Content Type Designer, on the ribbon, click External Content Type.

On the New External Content Type page, do the following:

Next to Name, click New external content type, and then enter a unique name for the external content type.<sup>7</sup>

Next to Display Name, enter a different name if you want a more descriptive display name.

Note: The external content type is a core concept of Business Connectivity Services (BCS). Used throughout the functionality and services offered by BCS, external content types are reusable metadata descriptions of connectivity information and data definitions plus the behaviors you want to apply to a certain category of external data.

Box 2: SharePoint designer does not support building ECT against Oracle.

You will either have to build the model by hand in Microsoft Visual Studio or use a third-party tool.

Reference: How to: Create external content types for SQL Server in SharePoint 2013

---

**Question: 93**

---

You have a SharePoint Server 2013 server farm named Farm1. Farm1 contains the following service applications:

Excel Services Application

Search Service Application

Managed Metadata Service

User Profile Service Application

You plan to deploy a new SharePoint Server 2013 server farm named Farm2. Farm2 must use the same service applications as Farm1.

You plan to use as many services from Farm1 in Farm2 as possible.

You need to identify which service application must be created in Farm2.

Which service application should you identify?

- A. Search Service Application
- B. User Profile Service Application
- C. Managed Metadata Service
- D. Excel Services Application

---

**Answer: C**

---

Explanation:

Configuration

If you want to create a new Service Application connect to the Central Administration and click on Manage Service Applications

Select Managed Metadata Service

SharePoint will prompt you a little wizard and you have to fill some information to create your service.

Please provide a:

Name

Database Name

Application Pool

Configurable Account

Incorrect:

Not B: The User Profile service application stores information about users in a central location. Social computing features use this information to enable productive interactions so that users can collaborate efficiently. In order to provision My Sites, enable social computing features such as social tagging and newsfeeds, and create and distribute profiles across multiple sites and farms, you must enable the User Profile service application.

Not D: Excel Services in SharePoint Server 2013 is a shared service that you can use to publish Excel 2013 workbooks on SharePoint Server. The published workbooks can be managed and secured according to your organizational needs and shared among SharePoint Server 2013 users, who can render the workbooks in a browser.

---

### **Question: 94**

---

You have a SharePoint Server 2013 server farm that has Excel Web Services deployed.

A user has a Microsoft Excel spreadsheet that uses a dynamic-link library (DLL) to perform custom calculations.

The user plans to upload the spreadsheet to the farm.

You need to ensure that when the spreadsheet is rendered by Excel Web Services, the custom calculations are performed.

What should you add?

- A. A new trust relationship
- B. The DLL to the global assembly cache
- C. A trusted data provider
- D. A user-defined function assembly

---

### **Answer: B**

---

Explanation:

Excel Services User-Defined Functions (UDFs)

Strong Name Dependencies

In some cases, a user-defined function (UDF) assembly depends on other assemblies that are deployed with it. These dependent DLLs load successfully if they are in the global assembly cache, or if they are located in the same folder as the UDF assembly.

Reference: Excel Services Best Practices

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### **Question: 95**

---

You recently upgraded from SharePoint Server 2010 to SharePoint Server 2013.

You have not upgraded any site collections.

You have a site collection that contains an InfoPath form library. The InfoPath form library has a content type named CT1.

You need to verify whether CT1 will conflict with any of the content types in SharePoint Server 2013.

What should you do?

- A. From Site Settings, navigate to Site collection upgrade.
- B. Run the Test-SPContentDatabasecmdlet.
- C. From Site Settings, navigate to Site collection health checks.
- D. From Site Settings, navigate to Content type publishing.

---

### **Answer: C**

---

Explanation:

Conflicting content types were found during site collection health check

When you run a site collection health check before upgrading to SharePoint 2013, SharePoint will check to see if there are any conflicts between existing content types and content types that are created when you upgrade the site to SharePoint 2013. A conflict occurs when both content types have the same name.

To fix this issue, you need to rename the existing content type before upgrading.

---

**Question: 96**

---

**HOTSPOT**

You plan to deploy a SharePoint Server 2013 server farm.

The president of your company sends you the following email message regarding the planned deployment: 'Our company loses an average of \$5,000 per minute during service outages. At that rate, \$300,000 per hour is a major cost to the company and should be reduced or eliminated. The company must provide continuity for IT services.'

The director of IT services sends you the following email message regarding the planned deployment: The company plans to implement the following as part of the deployment:

Load balance all of the Web servers.

Perform daily and hourly backups of all data.

Centralize all of the service applications on a single server.

Provide redundancy for all of the network components, such as switches and routers."

The director of IT services identifies the following requirements for the planned deployment:

Four front-end Web servers

One database server that will host all of the farm databases and will be replicated to another database server by using log shipping

One dedicated application server that will host all of the service applications, including the Search Service Application and all of the search components.

Select Yes if the statement can be shown to be true based on the available information; otherwise select No.

**Answer Area**

	<b>Yes</b>	<b>No</b>
If the main database server fails, users can access all of the service applications without any disruptions.	<input type="radio"/>	<input type="radio"/>
If the main database server fails, users can access site collections without any disruptions.	<input type="radio"/>	<input type="radio"/>
If a front-end Web server fails, users can access site collections without any disruptions.	<input type="radio"/>	<input type="radio"/>
If the application server fails, content will continue to be indexed.	<input type="radio"/>	<input type="radio"/>

---

**Answer:**

---

**Answer Area**

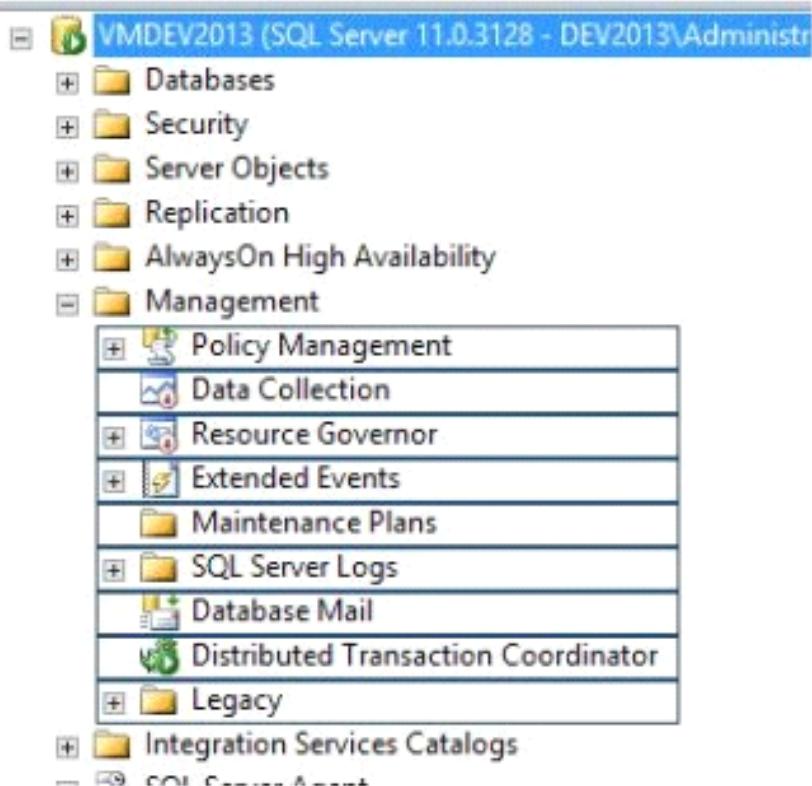
	Yes	No
If the main database server fails, users can access all of the service applications without any disruptions.	<input type="radio"/>	<input checked="" type="radio"/>
If the main database server fails, users can access site collections without any disruptions.	<input type="radio"/>	<input checked="" type="radio"/>
If a front-end Web server fails, users can access site collections without any disruptions.	<input checked="" type="radio"/>	<input type="radio"/>
If the application server fails, content will continue to be indexed.	<input checked="" type="radio"/>	<input type="radio"/>

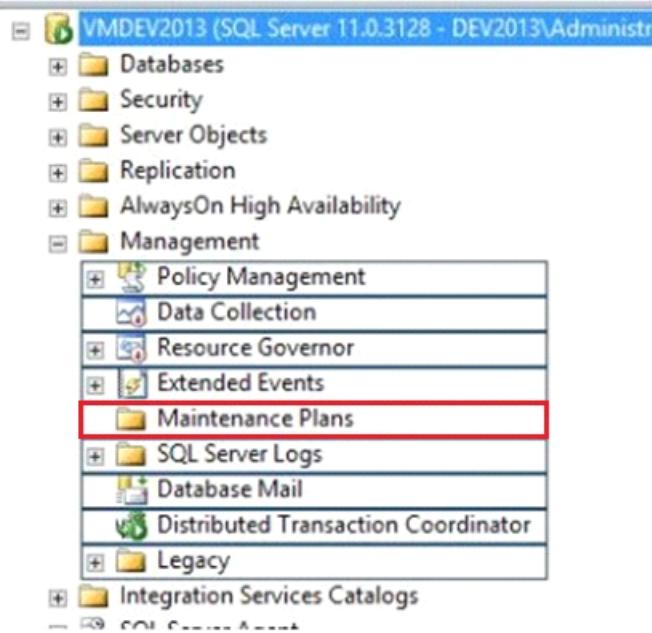
**Question: 97****HOTSPOT**

You have a SharePoint Server 2013 server farm that uses a Microsoft SQL Server 2012 database server.

You need to automate the backup of the content databases.

From which node should you perform the configuration? (To answer, select the appropriate node in the answer area.)

**Answer:**



#### Explanation:

\* Maintenance Plans

Creating SQL Server 2008 maintenance plans

You can programmatically apply many of the database maintenance operations that are discussed in this article by implementing SQL Server maintenance plans. Maintenance plans can automate and schedule essential tasks to protect your data.

a. By using maintenance plans in SQL Server 2008 or SQL Server 2005, an administrator can schedule operations such as running database consistency checks, reorganizing indexes, or rebuilding indexes.

\* To configure a SQL Server 2008 database maintenance plan

On the taskbar, choose Start, All Programs, Microsoft SQL Server 2008, SQL Server Management Studio.

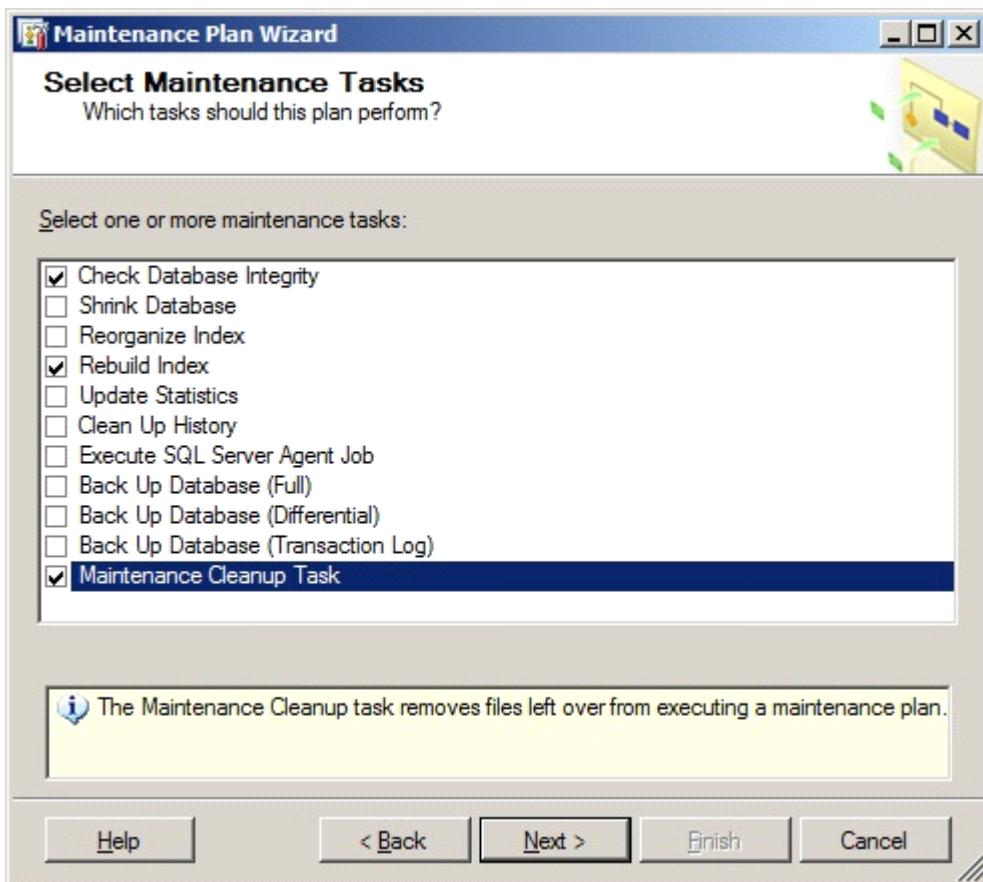
In Object Explorer, connect to an instance of the SQL Server 2008 Database Engine and then expand that instance.

Choose Management, right-click Maintenance Plans, and then choose Maintenance Plan Wizard.

Choose Next until you reach the Select Plan Properties page.

And later:

Select Maintenance Tasks page



Reference: Database maintenance for SharePoint 2010 Products

## Question: 98

### HOTSPOT

You have a SharePoint Server 2013 server farm.

You discover that many site collection administrators deploy a solution named Soil that contains a feature named Feature1. The administrators do not have farm administrator rights.

You discover that Feature1 has a memory leak.

You need to prevent Feature1 from being used in the farm.

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

## System Settings

	Servers	<a href="#">Manage servers in this farm</a>	<a href="#">Manage services on servers</a>			
	E-Mail and Text Messages (SMS)	<a href="#">Configure outgoing e-mail settings</a>	<a href="#">Configure incoming e-mail settings</a>	<a href="#">Configure mobile account</a>		
	Farm Management	<a href="#">Configure alternate access mappings</a>	<a href="#">Manage farm features</a>	<a href="#">Manage farm solutions</a>	<a href="#">Manage user solutions</a>	<a href="#">Configure privacy options</a>
		<a href="#">Configure cross-firewall access zone</a>				

Answer:

## System Settings



Explanation:

Note:

Manage User solutions

The administrator can control blocked solutions and load balancing by selecting System Settings\Manage User Solutions. On this page, the farm administrator can browse to solution packages that should be blocked and add them to the blocked list. Blocked solutions are not allowed to execute on the farm.

### Question: 99

DRAG DROP

You plan to deploy SharePoint Server 2013 to your enterprise organization's multi-farm configuration.

A dedicated enterprise services farm will be created to host shared service applications. Two collaboration farms will be created to host collaboration sites.

All users must be able to perform the following tasks:

Aggregate tasks from different site collections.

Automatically translate pages to different languages.

Classify documents by using an enterprise taxonomy.

View Microsoft Excel files rendered in the web browser of the users.

You need to identify which service applications to deploy to each farm.

What should you identify? (To answer, drag the appropriate service applications to the correct farms. Each service application 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.)

Service Applications	Answer Area
Excel Services Application	Enterprise farm: Service application
Machine Translation Service	Service application
Managed Metadata Service	Collaboration farm: Service application
Work Management Service	Service application

**Answer:**

<b>Enterprise farm:</b>	Machine Translation Service
	Managed Metadata Service
<b>Collaboration farm:</b>	Excel Services Application
	Work Management Service

**Explanation:**

**Collaboration farm**

\* Machine Translation Service

Machine Translation Service is a new service application in SharePoint 2013 that provides automatic machine translation of files and sites.

Applications that use the server object model must run directly on a server that is running SharePoint 2013.

Machine Translation Service also includes a client object model (CSOM) that enables access to the Machine Translation Service API for online, on-premises, and mobile development. Client applications can use the CSOM to access server content and functionality.

\* Managed Metadata Service allows you to classify with precision.

\* Excel Services Application

Excel Services in SharePoint Server 2013 is enabled by creating an Excel Services Application service application in Central Administration.

\* Work Management Service

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.

---

## **Question: 100**

---

An organization has created graphic designs that will be used for branding in a SharePoint farm.

You need to develop the supporting assets required to implement the design in the minimum amount of time.

What should you use?

- A. Design Manager
- B. Asset Manager
- C. SharePoint channels
- D. Master Page conversion

---

**Answer: A**

---

**Explanation:**

Design Manager in SharePoint 2013 provides a new approach for designing websites. Several new branding and design-based capabilities available in Design Manager enable you to create a compelling look, feel, and behavior for your SharePoint 2013 site. Design Manager also supports importing and exporting a visual design, and can help you ensure a consistent visual experience across all device platforms in your organization.

Incorrect:

Not C: With device channels in SharePoint 2013, you can render a single publishing site in multiple ways by using different designs that target different devices.

---

### **Question: 101**

---

You plan to deploy a SharePoint Server 2013 server farm.

You identify the following requirements:

The farm must be available if a single server fails.

The farm must support the creation of service applications.

All search components must be available if a single server fails.

Microsoft SQL Server database and SharePoint Server 2013 must not be deployed to the same servers.

What is the minimum number of servers required for the deployment?

- A. 2
- B. 3
- C. 4
- D. 0

---

### **Answer: C**

---

Explanation:

A three-tier farm configuration consists of two front-end web servers, an application server, and a database server.

---

### **Question: 102**

---

You deploy SharePoint Server 2013.

You need to install a SharePoint hosted app named App1 in a site.

Which Windows PowerShell cmdlet should you run?

- A. Install-SPSolution and then run Add-SPSolution
- B. Import-SPAppPackage and then run Install-SPApp
- C. Add-SPSolution and then run Install-SPSolution
- D. Install-SPAppPackage and then run Import-SPApp

---

### **Answer: C**

---

Explanation:

The Add-SPSolution cmdlet adds a SharePoint solution package to the farm. This cmdlet does not deploy the uploaded SharePoint solution. Use the Install-SPSolution cmdlet to deploy the SharePoint solution in the farm.

Example:

```
Install-SPSolution -Identity contoso_solution.wsp -GACDeployment -CompatibilityLevel {14,15}
```

This example deploys the installed SharePoint solution installs a previously added solution so it can be used correctly in both 14 and 15 mode site collections.

---

### **Question: 103**

---

You recently upgraded a SharePoint Server 2010 server farm to SharePoint Server 2013. The farm contains many sites. The sites contain frequently updated content.

You need to ensure that users can perform demo upgrades of the sites. The solution must minimize the impact on the users.

Which feature should you enable in Microsoft SQL Server?

- A. Database mirroring
- B. Log shipping
- C. AlwaysOn Availability Groups
- D. Snapshot

---

**Answer: B**

---

**Explanation:**

With log shipping, you back up the transaction logs from a primary database to a secondary database on a separate instance of SQL Server.

Log shipping enables you to automatically send transaction log files for databases from a primary database server instance to a secondary database server instance.

Reference: Configure log shipping in SharePoint 2013

#### **Question: 104**

---

HOTSPOT

You are planning the deployment of a SharePoint Server 2013 server farm.

You plan to deploy Microsoft SQL Server 2012 AlwaysOn Availability Groups. The groups will have four replicas configured as shown in the following table.

Replica name	Replica configuration
SQLReplica1	SQLReplica1 is the primary replica.
SQLReplica2	SQLReplica2 is used for high-availability and is installed in the same data center as SQLReplica1.
SQLReplica3	SQLReplica3 is used for disaster recovery purposes and is installed in a remote location.
SQLReplica4	SQLReplica4 is used for reporting purpose. Failure of this replica must not affect the SharePoint Server 2013 deployment.

You need to recommend which mode of commit must be used for each replica.

Which commit type should you recommend for each replica? (To answer, select the appropriate options in the answer area.)

#### **Answer Area**

SQLReplica2:

Asynchronous commit  
 Synchronous commit

SQLReplica3:

Asynchronous commit  
 Synchronous commit

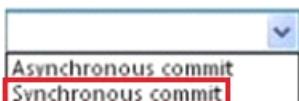
SQLReplica4:

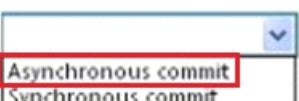
Asynchronous commit  
 Synchronous commit

---

**Answer:**

**Answer Area**

SQLReplica2: 

SQLReplica3: 

SQLReplica4: 

---

**Question: 105**

You are customizing search results in a SharePoint Server 2013 server farm.

You need to create a webpage that users can use to search Knowledge Base articles stored in an external Microsoft SQL Server database. Searches performed from the new page must not display content from other sources. What should you do?

- A. Create a page by using the (Welcome Page) Search results page layout. Configure a content type hub.
- B. Create a page by using the (Welcome Page) Search box page layout. Configure a content type hub.
- C. Create a page by using the (Welcome Page) Search box page layout. Create a result source that has a query transformation.
- D. Create a page by using the (Welcome Page) Search results page layout. Create a result source that has a query transformation.

---

**Answer: A**

---

**Question: 106**

**HOTSPOT**

You have a SharePoint Server 2013 server farm and a Microsoft Exchange Server 2013 organization.

The User Profile Service Application is provisioned and configured.

You need to ensure that when users navigate to their personal site, they can see their tasks from Exchange Server 2013 and from SharePoint Server 2013.

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

	Access Services
	Access Services 2010
	App Management Service
	Business Data Connectivity Service
	Excel Services Application
	Machine Translation Service
	Managed Metadata Service
	PerformancePoint Service Application
	Search Service Application
	Secure Store Service
	User Profile Service Application
	Visio Graphics Service
	Word Automation Services
	Work Management Service Application

---

**Answer:**

---

	Access Services
	Access Services 2010
	App Management Service
	Business Data Connectivity Service
	Excel Services Application
	Machine Translation Service
	Managed Metadata Service
	PerformancePoint Service Application
	Search Service Application
	Secure Store Service
	User Profile Service Application
	Visio Graphics Service
	Word Automation Services
	Work Management Service Application

**Explanation:**

Work Management Service Application

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.

---

### **Question: 107**

---

You have a SharePoint Server 2013 server farm.  
You need to configure per-user authentication for PerformancePoint dashboards.  
What should you use?

- A. A stored account in the connection string
- B. NTLM authentication
- C. The EffectiveUserName connection string property
- D. Basic Kerberos delegation

---

**Answer: C**

---

Explanation:

Support for Analysis Services Effective Users

Eliminated the need for Kerberos delegation when per-user authentication is used for Analysis Services data sources.

---

### **Question: 108**

---

You are configuring a SharePoint farm in an environment that includes Microsoft Exchange Server 2013.  
You need to ensure that specified SharePoint users can search the Exchange mailboxes of all employees, place holds on mailbox data, and export mailbox data.  
What should you do first?

- A. Configure forms-based authentication between SharePoint and Exchange.
- B. Create an external content type for Exchange mailbox information.
- C. Define a group target application in the Secure Store that contains Exchange connection information.
- D. Configure SharePoint and Exchange to use the same realm name.

---

**Answer: A**

---

---

### **Question: 109**

---

You upgrade a SharePoint Server 2010 server farm to SharePoint Server 2013. Several users report that a site collection site has the visual elements of SharePoint Server 2010.  
You need to ensure that the site collection uses the visual elements of SharePoint Server 2013.  
Which cmdlet should you run?

- A. Repair-SPSite
- B. Restore-SPSite
- C. Upgrade-SPSite
- D. Copy-SPSite

---

**Answer: C**

**Explanation:**

The Upgrade-SPSite cmdlet starts the upgrade process on a site collection.

The Upgrade-SPSite cmdlet activates the upgrade process for the specified SPSite object. You can also use this cmdlet to resume failed upgrades. When you use this cmdlet to initiate upgrade on an SPSite object, the object can be either a build-to-build or version-to-version upgrade. By default, the Upgrade-SPSite cmdlet operates as a build-to-build upgrade. This prevents unexpected version upgrades of site collections if you use this cmdlet after a patching operation. When in version-to-version upgrade mode, site collection health checks are run in repair mode to ensure that the site collection is healthy enough to upgrade successfully. If successful, the remainder of the upgrade occurs.

---

**Question: 110**

You have a SharePoint Server 2013 server farm.

You implement Business Connectivity Services (BCS). You need to ensure that the BCS data is available for search.

What should you configure?

- A. A result source
- B. A content source
- C. A search scope
- D. A crawl rule

---

**Answer: B**

**Explanation:**

A content source is a set of options that you use to specify what, when, and how to crawl.

When a Search service application is created, a content source named "Local SharePoint sites" is automatically created and configured for crawling all SharePoint sites in the local server farm. You can create additional content sources to specify other content to crawl and how the system should crawl that content. After you create a content source, you can edit or delete it at any time.

---

**Question: 111**

**HOTSPOT**

You have a SharePoint Server 2013 server farm. The farm contains the following servers:

Six front-end Web servers

Four application servers

Four databases servers

All of the databases in the farm are mirrored by using Microsoft SQL Server database mirroring.

The farm contains the following service applications:

PerformancePoint Service Application

Managed Metadata Service

The PerformancePoint Service Application is configured as shown in the PerformancePoint exhibit. (Click the Exhibit button.)

## Edit PerformancePoint Service Application

Specify settings for this service application. You can change these settings later from the Manage Service Applications page.

### Name:

Specify a name and default status for this service application.

The setting makes this service application available by default for web applications in this farm to use. Do not check this setting if you wish to specify manually which web applications should use this service application.

Use of the default database server and database name is recommended for most cases. Refer to the administrator's guide for advanced scenarios where specifying database information is required.

Use of Windows authentication is strongly recommended. To use SQL authentication, specify the credentials which will be used to connect to the database.

Add this service application's proxy to the farm's default proxy list.

### Database Server

### Database Name

### Database authentication

Windows authentication (recommended)

SQL authentication

#### Account

#### Password

### Failover Server

You can choose to associate a database with a specific failover server that is used in conjunction

### Failover Database Server

The Managed Metadata Service application is configured as shown in Managed Metadata exhibit. (Click the Exhibit button.)

## Create New Managed Metadata Service

- Specify the name, databases, application pool and content settings for this Managed Metadata Service. [Help](#)

Name

x

Name

x

Database Server

Database Name

Database authentication

Windows authentication (recommended)

SQL authentication

Account

Password

Failover Server
Failover Database Server

▼

OK
Cancel

Select Yes if the statement can be shown to be true based on the available information; otherwise select No.

**Answer Area**

	<b>Yes</b>	<b>No</b>
If a single SQL Server server fails, the Managed Metadata Service will be available.	<input type="radio"/>	<input type="radio"/>
If a single SQL Server server fails, the PerformancePoint Service Application will be available.	<input type="radio"/>	<input type="radio"/>
SQL Server Failover Clustering must be deployed to provide high availability for the PerformancePoint Service Application.	<input type="radio"/>	<input type="radio"/>
SQL Server Failover Clustering must be deployed to provide high availability for the Managed Metadata Service application.	<input type="radio"/>	<input type="radio"/>

---

**Answer:**

---

**Answer Area**

	Yes	No
If a single SQL Server server fails, the Managed Metadata Service will be available.	<input checked="" type="radio"/>	<input type="radio"/>
If a single SQL Server server fails, the PerformancePoint Service Application will be available.	<input type="radio"/>	<input checked="" type="radio"/>
SQL Server Failover Clustering must be deployed to provide high availability for the PerformancePoint Service Application.	<input type="radio"/>	<input checked="" type="radio"/>
SQL Server Failover Clustering must be deployed to provide high availability for the Managed Metadata Service application.	<input type="radio"/>	<input checked="" type="radio"/>

---

**Question: 112**

---

**DRAG DROP**

You administer a SharePoint 2013 farm for Contoso, Ltd.

Company policy requires that minimal permissions are granted to users to perform their tasks.

You need to add User1 as Full Control on the User Profile Service Application.

How should you complete the relevant Windows PowerShell commands? To answer, select the appropriate Windows PowerShell segment from each list in the answer area.

**Answer Area**

```
$HRUser = "contoso\user1"
$UPA = "User Profile Service Application"
$UPAapp = Get-SPServiceApplication -Name $UPA
```

\$principal =  \$HRUser -IdentityType

New-SPUser  
New-SPGroup  
New-SPClaimProvider  
New-SPClaimsPrincipal

EncodedClaim

WindowsSecurityGroupSid

WindowsSamAccountName

\$security =  \$UPAapp -Admin

New-SPClaimsPrincipal  
Set-SPServiceApplication  
Get-SPServiceApplicationProxy  
Get-SPServiceApplicationSecurity

Grant-SPOObjectSecurity \$security \$principal

"Full Control"  
"Manage Social Data"  
@("Manage Profiles", "Manage Audience")  
@("Manage Audience", "Manage Social Data", "Manage Profiles")

\$UPAapp \$security -Admin

Revoke-SPOObjectSecurity  
Add-SPClaimTypeMapping  
Initialize-SPResourceSecurity  
Set-SPServiceApplicationSecurity

**Answer:**

**Answer Area**

```
$HRUser = "contoso\user1"
$UPA = "User Profile Service Application"
$UPAapp = Get-SPServiceApplication -Name $UPA
```

**\$Principal =**

New-SPUser	\$HRUser -IdentityType
New-SPGroup	FormsRole
New-SPClaimProvider	EncodedClaim
New-SPClaimsPrincipal	WindowsSecurityGroupSid

**\$security =**

New-SPClaimsPrincipal	\$UPAapp -Admin
Set-SPServiceApplication	
Get-SPServiceApplicationProxy	
Get-SPServiceApplicationSecurity	

**Grant-SPOObjectSecurity \$security \$principal**

"Full Control"	
"Manage Social Data"	
@("Manage Profiles", "Manage Audience")	
@("Manage Audience", "Manage Social Data", "Manage Profiles")	

**\$UPAapp \$security -Admin**

Revoke-SPOObjectSecurity	
Add-SPClaimTypeMapping	
Initialize-SPResourceSecurity	
Set-SPServiceApplicationSecurity	

\* The New-SPClaimsPrincipal cmdlet creates a claims principal.

\* Parameter –IdentityType specifies the type of the new claims principal.

We use WindowsSamAccountName to specify the user name.

Note: The type must be one of the following: WindowsSamAccountName, WindowsSecurityGroupSid, FormsUser, FormsRole, or EncodedClaim.

Example: Assigning an Administrator to the User Profile Service

```
$UserServiceApp = Get-SPServiceApplication | where {$_.DisplayName -eq "User Profile Service Application"}
```

```
$security = Get-SPServiceApplicationSecurity $UserServiceAp
```

```
p -Admin
```

```
$principalUser = New-SPClaimsPrincipal -Identity "sp2010\mangler" -IdentityType WindowsSamAccountName
```

```
Grant-SPOObjectSecurity $security -Principal $principalUser -Rights "Full Control"
```

```
Set-SPServiceApplicationSecurity -Identity $serviceApp.Id -ObjectSecurity $security -Admin
```

Incorrect answers:

\* The New-SPUser command does not have an –IdentityType parameter.

Reference: Useful PowerShell Cmdlets for Configuring SharePoint Server 2010 – Cheat Sheet Part 2

<https://angler.wordpress.com/2011/03/22/useful-powershell-cmdlets-for-configuring-sharepoint-server-2010-cheat-sheet-part-2/>

**Question: 113**

A company has two SharePoint 2013 farms. Farm1 is used as an enterprise shared services provider. Farm2 consumes

Farm1 while providing team sites for collaboration.  
You need to configure trust between Farm1 and Farm2.  
Which action should you perform?

- A. Use Windows PowerShell to upload Farm2 certificates to the Central administration site.
- B. Create and export certificates from Farm2. Deploy the exported certificates to Farm1 by using Group Policy.
- C. Create and export certificates from Farm2. Open the Internet Information Services (IIS) console on Farm1 and add the exported certificates to the Certificates section.
- D. Create and export certificates from Farm2. Copy and import the exported certificates on Farm1 by using Windows PowerShell.

---

**Answer: D**

---

In SharePoint 2013, a SharePoint farm can connect to and consume a service application that is published on another SharePoint 2013 farm. For this to occur, the farms must exchange trust certificates.

You must use Windows PowerShell 3.0 commands to export and copy the certificates between farms. After the certificates are exported and copied, you can use either Windows PowerShell 3.0 commands or Central Administration to manage the trusts within the farm.

Incorrect answers:

- Not A: You do not upload.
- Not B: A GPO is not used.
- Not C: IIS is not used.

Reference: Exchange trust certificates between farms in SharePoint 2013

<https://technet.microsoft.com/en-us/library/ee704552.aspx>

---

**Question: 114**

---

You manage a Microsoft SharePoint 2013 farm for Contoso, Ltd. The farm contains four servers. Two of the servers receive user requests, and two servers perform back-end processing.

You must forward all requests for [www.contoso.com](http://www.contoso.com) to 192.168.100.31.

You need to configure DNS.

How should you configure the DNS?

- A. Use the DNS Manager to create a new host (A or AAAA) record for www in the contoso.com forward lookup zone.
- B. Modify the hosts file in the System32 folder. Add 192.168.100.3 [www.contoso.com](http://www.contoso.com) to the file. Save the file as an administrator.
- C. Use the DNS Manager to create a new alias (CNAME) record for www in the contoso.com forward lookup zone.
- D. Use the DNS Manager to create a new domain alias (DNAME) record for www in the contoso.com forward lookup zone.

---

**Answer: C**

---

Explanation:

In DNS Manager, under Forward Lookup Zones, right-click the new app domain name, and then click New Alias (CNAME).

Reference: Configure an environment for apps for SharePoint (SharePoint 2013)

<https://technet.microsoft.com/en-us/library/fp161236.aspx>

---

**Question: 115**

---

You are the administrator for your company's SharePoint environment. Company policy requires that you use Windows PowerShell to deploy farm solutions.

You need to deploy a SharePoint solution to the farm. The solution is named solution.wsp and is located at c:\solution.wsp.

Which Windows PowerShell command should you run?

- A. Enable-SPFeature-Identitysolution
- B. Install-SPSolution -Identity solution.wsp -Confirm \$true
- C. Update-SPSolution -Identity solution.wsp -LiteralPath c:\solution.wsp -Confirm \$true
- D. Add-SPSolution solution.wsp-Confirm \$true

---

**Answer: B**

---

**Explanation:**

To deploy a solution package to a single Web application by using Windows PowerShell

Verify that you meet the following minimum requirements.

On the Start menu, click All Programs.

Click Microsoft SharePoint 2010 Products.

Click SharePoint 2010 Management Shell.

At the Windows PowerShell command prompt, type the following command:

Install-SPSolution -Identity <SolutionName> -WebApplication <URLname>

Where:

<SolutionName> is the name of the solution.

<URLname> is the URL of the Web application to which you want to deploy the imported solution.

Reference: Deploy solution packages (SharePoint Server 2010)

[https://technet.microsoft.com/en-us/library/cc262995\(v=office.14\).aspx](https://technet.microsoft.com/en-us/library/cc262995(v=office.14).aspx)

---

**Question: 116**

---

**DRAG DROP**

You are a SharePoint developer at Contoso, Ltd. The Contoso finance department is developing a reporting application that displays financial information from an internal application on the SharePoint Business Intelligence (BI) site.

You must configure a single server SharePoint environment to support Reporting Services. You must validate that the installation works correctly.

You need to build and test the environment.

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

Actions	Answer Area
Add the Report Builder report content type to a document library. Select <b>New</b> and select <b>Report Build Report</b> and publish the report.	
Install and configure a Reporting Services report server in SharePoint mode.	
Register the Reporting Services SharePoint service and the Reporting Services SharePoint proxy. Start the Reporting Services SharePoint service.	
Install and configure a Reporting Services report server in native mode.	
Create the Reporting Services service application.	
Create a Business Intelligence site.	

**Answer:**

Box 1:

Install and configure a Reporting Services report server in SharePoint mode.

Box 2:

Register the Reporting Services SharePoint service and the Reporting Services SharePoint proxy. Start the Reporting Services SharePoint service.

Box 3:

Create the Reporting Services service application.

Box 4:

Create business intelligence site

Box 5:

Add the Report Builder report content type to a document library. Select **New** and select **Report Build Report** and publish the report.

**Explanation:****Note:**

Reporting Services SharePoint service

Step 1: Install Reporting Services Report Server in SharePoint mode

Step 2: Register and start the Reporting Services SharePoint Service

Step 3: Create a Reporting Services Service Application

Step 4: Activate the Power View Site Collection Feature. Reference:

Step 5: Verify the installation.

In a SharePoint document library, create a basic Reporting Services report that only contains a text box, for example a title. The report does not contain any data sources or datasets. The goal is to verify you can open Report Builder, build a basic report, and preview the report.

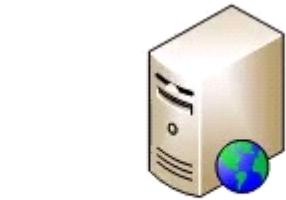
Reference: Install Reporting Services SharePoint Mode for SharePoint 2013

<https://technet.microsoft.com/library/jj219068.aspx>

**Question: 117**

HOTSPOT

You are a SharePoint architect for Contoso, Ltd. The environment has the following servers:



**SPWeb1**



**SPWeb2**



**SPServer1**



**SPServer2**



**SPServer3**

Distributed Cache

User Profile Synchronization

You must support a streamlined topology.

You need to design the distribution of services and other components in the farm.

Use the drop-down menus to select the answer choice that answers each question.

**Answer Area**

On which servers should you run Business Data Connectivity services?

SPWeb1, SPWeb2  
SPServer1, SPServer2, SPServer3  
SPServer2, SPServer3

On which servers should you run Word Automation servers?

SPWeb1, SPWeb2  
SPServer1, SPServer2, SPServer3  
SPServer2, SPServer3

On which servers should you run the Microsoft SharePoint Foundation Subscription Settings Service?

SPWeb1, SPWeb2  
SPServer1, SPServer2, SPServer3  
SPServer2, SPServer3

**Answer:**

**Answer Area**

On which servers should you run Business Data Connectivity services?

SPWeb1, SPWeb2  
SPServer1, SPServer2, SPServer3  
SPServer2, SPServer3

On which servers should you run Word Automation servers?

SPWeb1, SPWeb2  
SPServer1, SPServer2, SPServer3  
SPServer2, SPServer3

On which servers should you run the Microsoft SharePoint Foundation Subscription Settings Service?

SPWeb1, SPWeb2  
SPServer1, SPServer2, SPServer3  
SPServer2, SPServer3

**Explanation:**

- \* Business Data Connectivity services should be placed on the Front-end servers.  
We include the SPServer1 which has the distributed cache.
- \* The Word Automation Service should be placed on the Batch application server.
- \* Microsoft SharePoint Foundation Subscription Settings Service should be placed on the Web server or application server. Here we use the web servers SPWeb1 and SpWeb2.

Note: Streamlined topologies — The distribution of services and other components in a farm is intended to maximize system resources of server hardware. Streamlined architectures include front-end servers, batch-processing servers, and database servers.

Reference: Plan service deployment in SharePoint 2013

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

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### Question: 118

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#### HOTSPOT

You are the administrator for your company's SharePoint environment.

You are preparing your environment for high availability. You must use SQL Server AlwaysOn.

You need to identify the replication methodology for each SharePoint service database.

In the table below, identify whether SQL Server AlwaysOn is available for each of the service databases.

NOTE: Make only one selection in each column.

Methodology	Configuration database	Central Administration content database
Supports AlwaysOn asynchronous-commit	<input type="radio"/>	<input type="radio"/>
Supports AlwaysOn synchronous-commit	<input type="radio"/>	<input type="radio"/>
Does not support AlwaysOn	<input type="radio"/>	<input type="radio"/>

---

**Answer:**

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Methodology	Configuration database	Central Administration content database
Supports AlwaysOn asynchronous-commit	<input type="radio"/>	<input type="radio"/>
Supports AlwaysOn synchronous-commit	<input type="radio"/>	<input checked="" type="radio"/>
Does not support AlwaysOn	<input checked="" type="radio"/>	<input type="radio"/>

The Configuration database is farm specific and does not support Async.

The Central Administration content database is farm specific and does not support Async.

### Question: 119

#### HOTSPOT

You are the SharePoint administrator for a company that is installing SharePoint 2013. You have a SQL Server named SPSQLA that has an instance named SharePointPilot.

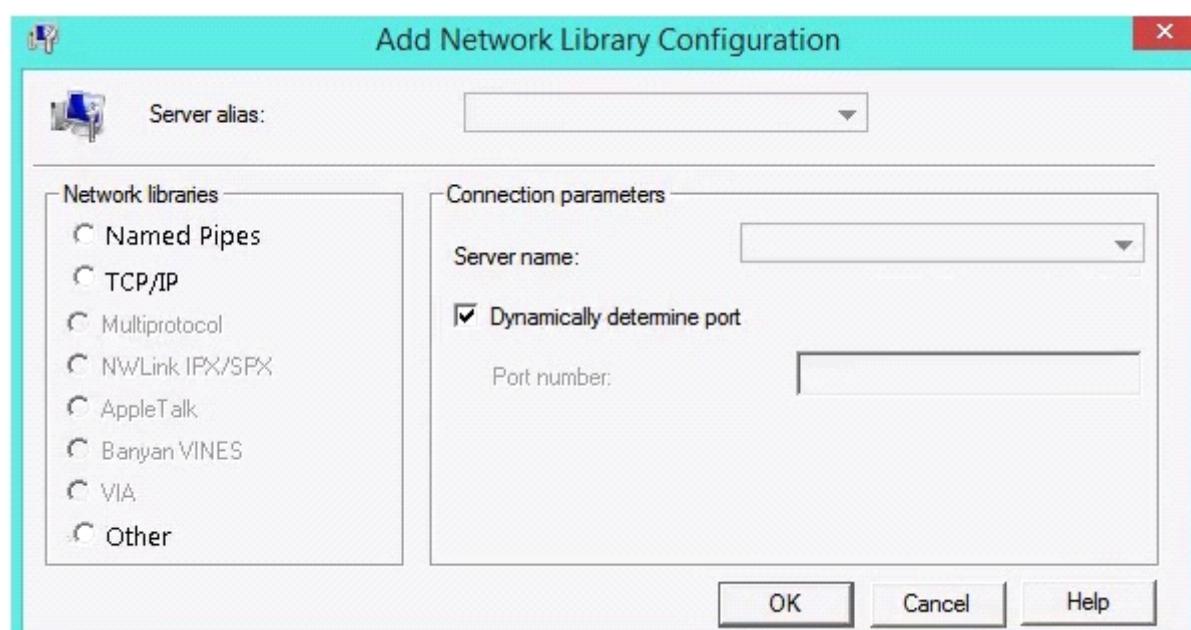
You have the following requirements:

SQL aliases must be used to specify the connection to the database.

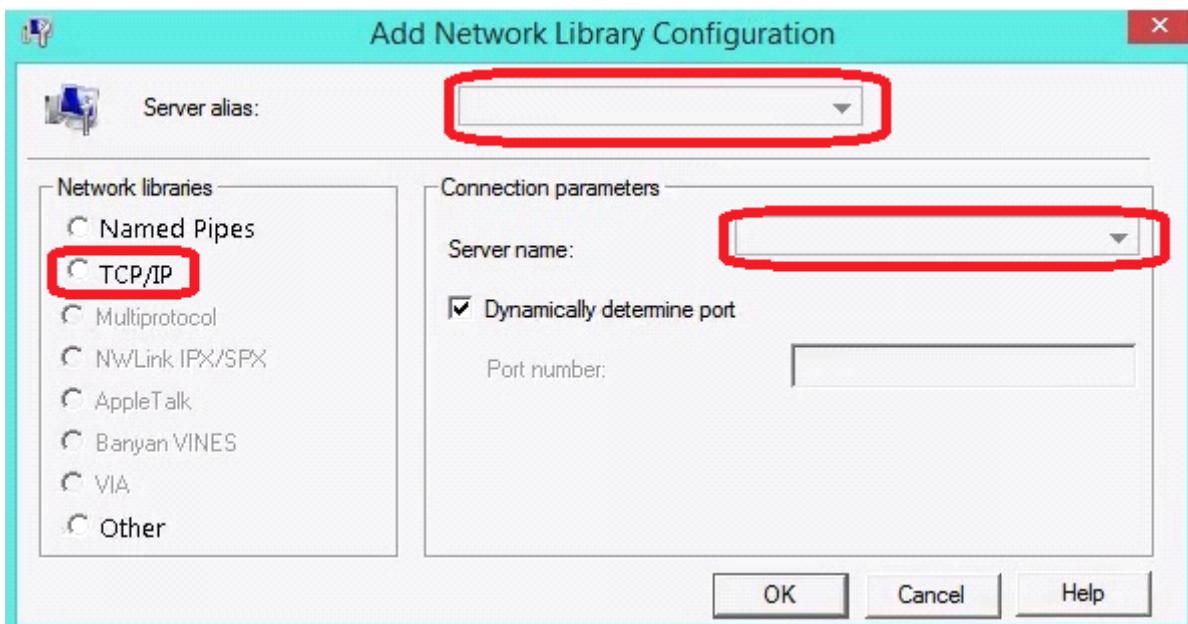
The name of the SQL alias must be configured as SPSQL.

You need to configure the SQL alias on the SharePoint 2013 server.

On the Add Network Library Configuration window, which three options should you select? To answer, select the appropriate options in the answer area.



Answer:



#### Explanation:

The following steps show how to create a SQL Server alias on SharePoint 2013 Servers using the SQL Server Client Network Utility:

1 - Run SQL Server Client Network Utility at:

C:\windows\system32\cliconfig.exe

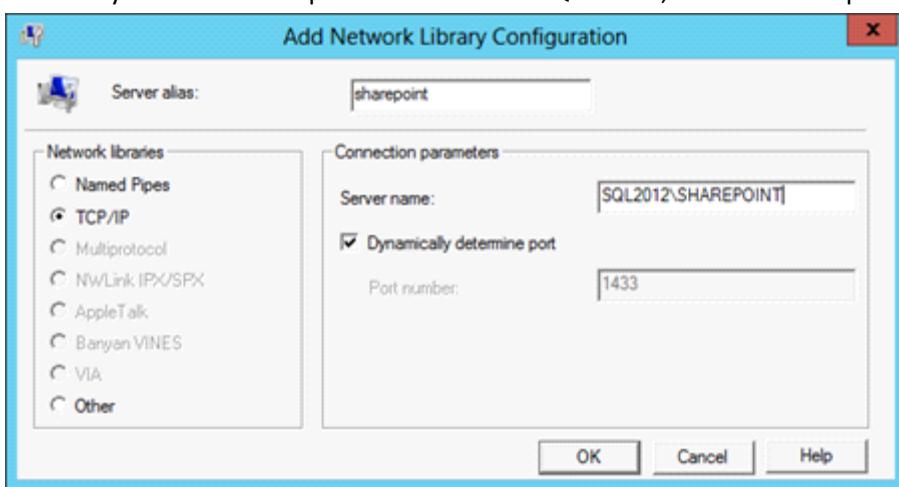
2. Select the Alias tab, and click Add.

3 - From the Network Libraries section, select TCP/IP.

4 - Type an alias in the Server Alias text box and the SQL Server instance in the Server Name text box.

5 - Check Dynamically Determine Port and click OK.

NOTE: If you use another port to connect on SQL Server, uncheck this option and set the correct port manually.



Reference: Configuring SQL Server alias with SharePoint Server 2013

<http://blogs.technet.com/b/gabn/archive/2014/04/14/configuring-sql-server-alias-with-sharepoint-server-2013.aspx>

#### Question: 120

You are the administrator of a SharePoint environment. The SharePoint environment uses Azure Infrastructure Services for disaster recovery.

You must create a disaster recovery plan that includes warm failover to Azure Infrastructure Services.

You need to identify which service databases must be restored.

Which two service databases must you restore? Each correct answer presents part of the solution.

- A. Content databases
- B. State service database
- C. Usage and Health Data Collection service database
- D. Search Administration service database
- E. Word Automation service database

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**Answer: AD**

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**Explanation:**

In a warm recovery environment the farm is built and virtual machines are running and updated. Recovery includes attaching content databases, provisioning service applications, and crawling content.

**Incorrect:**

Not B: The State Service is a shared service that is used by some Microsoft SharePoint Server components to store temporary data across related HTTP requests in a SQL Server database. In SharePoint Server 2010, the State Service is required by InfoPath Forms Services (including out of the box and custom workflow forms), the SharePoint Server 2010 Chart Web Part, and certain Microsoft Visio 2010 scenarios that do not use Microsoft Silverlight 3.

Not E: Word Automation Services provides unattended, server-side conversion of documents into formats that are supported by the Microsoft Word client application.

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**Question: 121**

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**DRAG DROP**

You are the administrator of a company's SharePoint environment.

Company policy requires that social guidelines are established for new users of the SharePoint environment.

You need to implement Yammer.

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.

<b>Actions</b>
Install and configure Yammer Directory Sync.
Update SharePoint 2013 to the December 2013 CU.
Disable default SharePoint 2013 social features.
Enable default SharePoint 2013 social features.
Install and configure Windows Azure Active Directory Sync.
Update SharePoint 2013 to Service Pack 1.

**Answer Area**

- 
- Answer:**
- 
- Box 1: Update SharePoint 2013 to Service Pack1.
  - Box 2: Disable default SharePoint 2013 social features.
  - Box 3: Install and configure Yammer Directory Sync.

**Explanation:**

**Note:**

\* You can replace the Newsfeed link with a Yammer link on the top navigation bar for SharePoint. This functionality is included in Service Pack 1 (SP1) for SharePoint Server.

\* The new Yammer app for SharePoint lets you embed Yammer feeds into on-premises SharePoint Server 2013 sites

to make them more social and engaging. Before you can do that, you have to do the following steps:

Remove the Newsfeed Web Parts from My Sites and Team Sites.

Hide the user interface controls that provide social features.

Install the Yammer app for SharePoint.

Add the Yammer feeds to your sites.

\* By using directory synchronization, your organization can use existing on-premises user accounts. Your organization can also significantly reduce operational costs and give its employees safer and easier access to Yammer.

Reference: Hide SharePoint Server 2013 social features

<https://technet.microsoft.com/en-us/library/dn659293.aspx>

Integrate Yammer with on-premises SharePoint 2013 environments

<https://technet.microsoft.com/en-us/library/dn270535.aspx>

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### Question: 122

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HOTSPOT

You are configuring SharePoint 2013 social features.

You need to ensure that users receive email notifications that relate to their microblogging activities.

Which settings should you configure from the User Profile Service Application? (To answer, select the appropriate link in the answer area.)

**Answer Area**



People

[Manage User Properties](#) [Manage User Profiles](#) [Manage User Sub-types](#) [Manage Audiences](#) [Schedule Audience Compilation](#) [Manage User Permissions](#) [Compile Audiences](#) [Manage Policies](#)



Synchronization

[Configure Synchronization Connections](#) [Configure Synchronization Timer Job](#) [Configure Synchronization Settings](#) [Start Profile Synchronization](#)



Organizations

[Manage Organization Properties](#) [Manage Organization Profiles](#) [Manage Organization Sub-types](#)



My Site Settings

[Setup My Sites](#) [Configure Trusted Host Locations](#) [Manage Promoted Sites](#) [Publish Links to Office Client Applications](#) [Manage Social Tags and Notes](#) [Manage Following](#)

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### Answer:

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**Answer Area**



People

[Manage User Properties](#) [Manage User Profiles](#) [Manage User Sub-types](#) [Manage Audiences](#) [Schedule Audience Compilation](#) [Manage User Permissions](#) [Compile Audiences](#) [Manage Policies](#)



Synchronization

[Configure Synchronization Connections](#) [Configure Synchronization Timer Job](#) [Configure Synchronization Settings](#) [Start Profile Synchronization](#)



Organizations

[Manage Organization Properties](#) [Manage Organization Profiles](#) [Manage Organization Sub-types](#)



My Site Settings

[Setup My Sites](#) [Configure Trusted Host Locations](#) [Manage Promoted Sites](#) [Publish Links to Office Client Applications](#) [Manage Social Tags and Notes](#) [Manage Following](#)

Explanation:

Enable microblogging e-mail notifications: On the Setup My Sites page, under E-mail Notifications, select Enable newsfeed email notifications if you want users to receive email notifications that relate to their microblogging activities.

Reference: What's new in social computing in SharePoint Server 2013

<https://technet.microsoft.com/en-us/library/jj219766.aspx>

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### Question: 123

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DRAG DROP

You are the administrator for your company's SharePoint environment. Company policy requires that you implement social and collaboration features. You need to select the type of site to build for each business scenario. What should you do? To answer, drag the appropriate site type to the correct scenario. Each site 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.

**Solutions****Answer Area**

- Communities
- Team sites
- Project sites
- My Sites

Scenario	Solution
Individual users store and share documents and information.	<input type="checkbox"/> Solution
Teams work on specific tasks that have a finite life cycle.	<input type="checkbox"/> Solution
Distinct groups of users collaborate and store information common to them such as documents and calendars.	<input type="checkbox"/> Solution
Large groups of users participate in sharing knowledge.	<input type="checkbox"/> Solution

**Answer:****Answer Area**

Scenario	Solution
Individual users store and share documents and information.	<input type="checkbox"/> My Sites
Teams work on specific tasks that have a finite life cycle.	<input type="checkbox"/> Project sites
Distinct groups of users collaborate and store information common to them such as documents and calendars.	<input type="checkbox"/> Team sites
Large groups of users participate in sharing knowledge.	<input type="checkbox"/> Communities

**Question: 124**

You recently upgraded a SharePoint Server 2007 server farm to SharePoint Server 2013.

You discover that when search results contain Microsoft Word 2007 documents, the results do not display the title of the documents. Instead, the results display a few words from the text of the documents as the title.

You need to ensure that the title of the Word 2007 documents is displayed in the search results.

The solution must minimize administrative effort.

What should you do?

- A. Modify the EnableOptimisticTitleOverride registry value.
- B. Modify the DisableLoopbackCheck registry value.
- C. Delete and recreate the Search Service Application.
- D. Reset the index and perform a full crawl.

**Answer: D**

Explanation:

You must create a new managed property and map only TermTitle and Title crawled properties. Then do another full crawl.

Incorrect:

Not A: This only works in SharePoint 2010.

Reference: Is there a way to force search results to display word document titles?

<https://social.technet.microsoft.com/Forums/office/en-US/e27b6b4f-d38f-49ec-9fca-7aa21099886f/is-there-a-way-to-force-search-results-to-display-word-document-titles?forum=sharepointsearch>

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## Question: 125

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You are the administrator for your company's SharePoint environment. You are configuring a site collection to prepare for an upgrade to SharePoint Server 2013.

You need to ensure that no updates are allowed to an individual site collection.

What should you do?

- A. In Central Administration, set the state of the site lock status to Adding Content prevented.
- B. In Central Administration, set the state of the site lock status to Read-only.
- C. In Central Administration, set the state of the site lock status to No access.
- D. In SQL Server, set the content database to read-only.

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**Answer: A**

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Explanation:

Option Adding Content prevented prevents users from adding new content to the site collection. Updates and deletions are still allowed.

Reference: Manage the lock status for site collections in SharePoint 2013

<https://technet.microsoft.com/en-us/library/cc263238.aspx>

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## Question: 126

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DRAG DROP

You are a SharePoint architect for Contoso, Ltd. Contoso has a SharePoint 2010 farm that contains four site collections. Three site collections are available only inside the company network. The fourth site collection is available to an external partner company by using forms-based authentication. The external site collection is used to store contracts and purchase orders. Every site collection has its own content database.

Contoso purchases an Office 365 subscription for external partner employees. Contoso plans to move the external site collection to SharePoint Online. You have the following requirements:

Upgrade the external partner site collection to SharePoint Online.

Upgrade the on-premises farm to SharePoint 2013.

Minimize downtime for the upgrade.

Ensure the sites are read-only during the upgrade.

You need to plan the upgrade for the extranet site.

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

**Actions**

- Update DNS.
- Create a site collection that allows external sharing for authenticated users by using the SharePoint admin center.
- Mount the content database and upgrade the site collections to SharePoint 2013 mode.
- Build a new SharePoint 2013 farm with required Service Applications.
- Copy and attach content databases to SQL Server.
- In the SharePoint 2010 farm, set the site collections to read-only from the Site Collection Quota and Locks page in Central Administration.
- Export contracts and purchase orders by using the Explorer view. Use the OneDrive for Business Sync client to sync files to the external partner site in SharePoint Online.

**Answer Area**

**Answer:**

**Actions**

- Update DNS.
- Build a new SharePoint 2013 farm with required Service Applications.
- Export contracts and purchase orders by using the Explorer view. Use the OneDrive for Business Sync client to sync files to the external partner site in SharePoint Online.

**Answer Area**

- Mount the content database and upgrade the site collections to SharePoint 2013 mode.
- Create a site collection that allows external sharing for authenticated users by using the SharePoint admin center.
- In the SharePoint 2010 farm, set the site collections to read-only from the Site Collection Quota and Locks page in Central Administration.
- Copy and attach content databases to SQL Server.

**Question: 127**

You are a SharePoint architect for Contoso, Ltd. Contoso has a SharePoint 2010 farm that contains four site collections. Each site collection has its own content database. Contoso is upgrading the SharePoint 2010 farm to SharePoint 2013. You create a SharePoint 2013 test farm to test the upgrade process. The SharePoint migration team reports the content database upgrade failed with the following errors:

ERROR Database [ContentDatabase] contains a site (Id = [identifier], url = [<http://sitecollectiona>]) that is not found in the site map.

Feature upgrade incomplete for Feature 'ContosoCustomSite' (Id: 'Feature GUID') in site '<http://sitecollectionb>'.

Exception: A duplicate content type name "Customer" was found.

ERROR Found a missing feature Id = [Feature Identifier]

You need to resolve the issues.

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

- A. In the SharePoint 2010 farm, remove orphan objects from the content database and restart the upgrade process.
- B. Extract the solution packages from the SharePoint 2010 farm by using the Get-SPSolution Windows PowerShell cmdlet and install to the SharePoint 2013 farm. Run the Test-SPContentDatabase Windows PowerShell cmdlet to confirm if the upgrade errors are fixed.
- C. Use the SharePoint Designer to delete the Customer content type from the site collection named <http://sitecollectionb>, and then restart the upgrade process.
- D. Delete the site with the site definition Id = [identifier].
- E. Open the site collection named <http://sitecollectionb> from the SharePoint 2010 farm and rename the Customer content type and then restart the upgrade process.

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**Answer: ABD**

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