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# Microsoft

## 70-332 PRACTICE EXAM

Advanced Solutions of Microsoft SharePoint Server 2013

# **Product Questions: 180**

## **Version: 13.0**

### **Case Study: 1**

#### **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.

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#### **Question: 1**

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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.

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**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.**

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 <b>/</b> .                                |
| Create one label. Set the <b>Locale</b> to <b>Spanish (Mexico)</b> and the <b>Variation Home</b> to <b>/</b> .                                |
| 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 <b>/</b> .                         |
| 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.

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.

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**Answer: A**

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**Question: 6**

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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.

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**Answer: B**

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**Question: 7**

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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.

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**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](#)

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**Answer:**



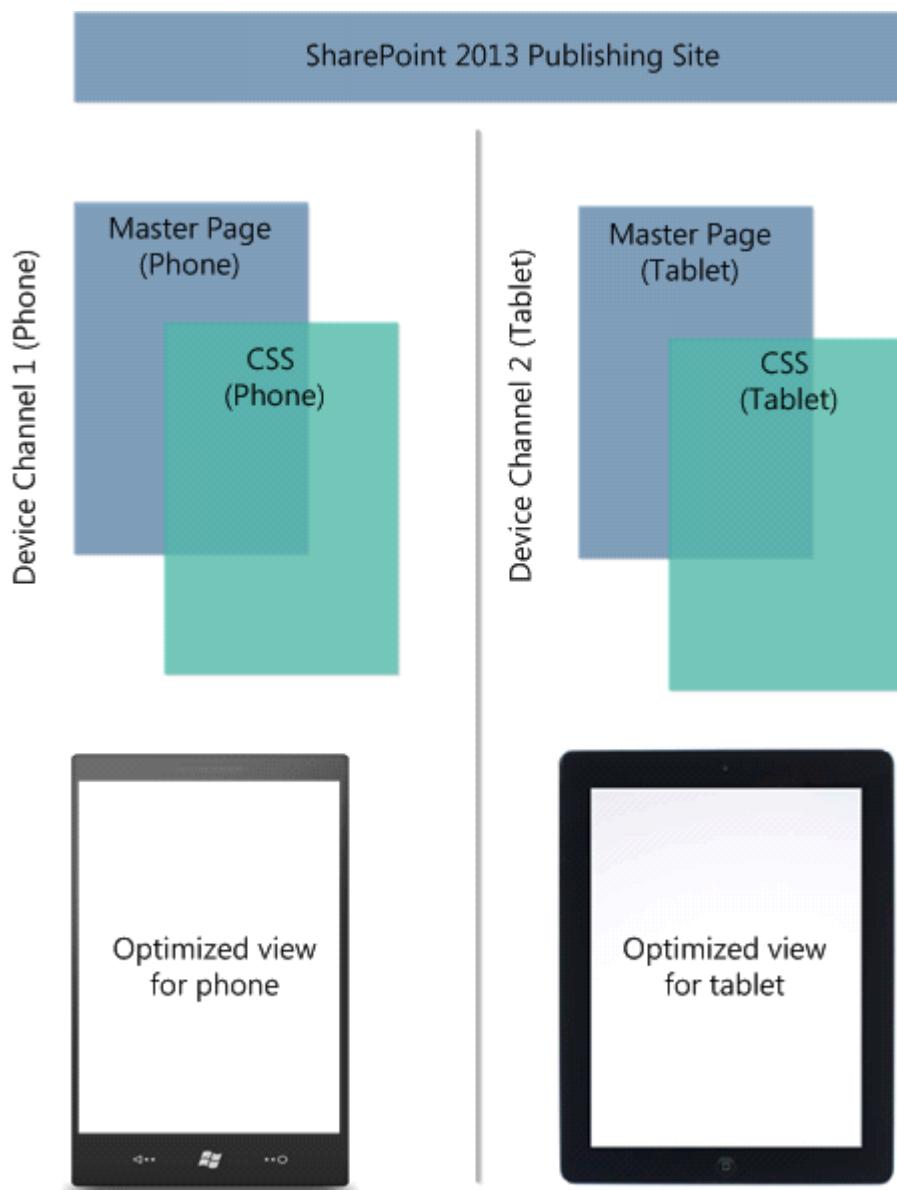
## Look and Feel

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**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.)

Front-end web server  
 Application Server  
 Microsoft SQL Server  
 Content Databases  
 Config Databases

Hyper-V Host  
  
 Front-end web server

Hyper-V Host  
  
 Application Server





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**Answer:**


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Hyper-V Host  


Front-end web server  
 Application Server

Hyper-V Host  


Front-end web server  
 Application Server





Microsoft SQL Server

Microsoft SQL Server

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.

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**Answer: B**

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### **Case Study: 2**

#### **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.

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### **Question: 1**

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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.

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**Answer: C**

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### **Question: 2**

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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.)

| Answer Area                         |   |
|-------------------------------------|---|
| <b>Availability</b>                 | Open the database properties in <input type="text"/> . In   |
| <b>Central Administration</b>       | the <input type="text"/> section, configure the database    |
| <b>Content</b>                      | read-only property to <input type="text"/> . Repeat for all |
| <b>Content and configuration</b>    | other <input type="text"/> databases.                       |
| <b>Enable</b>                       |   |
| <b>False</b>                        |   |
| <b>Recovery</b>                     |   |
| <b>SQL Server Management Studio</b> |   |
| <b>State</b>                        |   |
| <b>True</b>                         |   |

---

**Answer:**

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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

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                   |  |
|-------------------------------|--|
| <b>configuration database</b> | Connect to <input type="text"/>                                |
| <b>content database</b>       | Configure the <input type="text"/> as the <input type="text"/> |
| <b>DR-DB-01</b>               | in a log shipping configuration.                               |
| <b>mirror database</b>        | Configure backup settings for the transaction log and then     |
| <b>primary database</b>       | connect to <input type="text"/> .                              |
| <b>principal database</b>     | Configure the <input type="text"/> settings.                   |
| <b>PROD-DB-01</b>             |  |
| <b>secondary database</b>     |  |

---

**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.

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.

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#### Question: 4

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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**

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**Question: 5**

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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. Sreports.AllowSelfServiceUpgrade = true

---

**Answer: A, B**

---

\* 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  |  |
|--|--|
| <p>backup</p> <p>daily</p> <p>database shrink</p> <p><b>Databases</b></p> <p><b>Management</b></p> <p>one-time</p> <p>recurring</p> <p><b>Server Objects</b></p> <p>weekly</p> | <p>In SQL Server Management Studio, expand the [ ] folder. Right-click <b>Maintenance Plans</b> and then choose <b>Maintenance Plan Wizard</b>. Create a new [ ] job schedule that runs [ ]. Select and define a [ ] maintenance plan.</p> |

### Answer:

Box 1: Management

Box 2: recurring

Box 3: daily

Box 4: backup

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: 3

### 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.

| Server name | Current role(s)                                       |
|-------------|---|
| 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

backup directory.

- Configure a  to back up the site collection

by running the

---

#### 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

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  |  |
|--|--|
| <input type="button" value="content databases"/> <input type="button" value="service application"/> <input type="button" value="SPC-DB01 and SPC-DB02"/> <input type="button" value="SPC-DB01 only"/> <input type="button" value="SPC-DB02 only"/> <input type="button" value="SP-SQL01 and SP-SQL02"/> <input type="button" value="SP-SQL01 only"/> <input type="button" value="SP-SQL02 only"/> <input type="button" value="web application"/> | <ul style="list-style-type: none"> <li>• Create a clustered SQL Server instance named SP-SQL02 on <input type="text"/></li> <li>• Configure <input type="text"/> as the active node in the cluster.</li> <li>• Detach the MySites <input type="text"/> from the farm.</li> <li>• Move the MySites <input type="text"/> to <input type="text"/></li> <li>• After the databases are online, reattach them to the mysites <input type="text"/></li> </ul> |

**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**.

## 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

 App Management and Subscription Settings  
 State Service and App Management  
 State Service and Subscription Settings  
 App Management and Application Discovery

by using  account.

 the Farm Account  
 a Site Collection Administrator  
 a local Administrator  
 a Farm Administrator

- 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

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**

---

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-SPShellAdmincmdlet 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**

---

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: 4**

#### **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](#)

Note:

\* Manage Farm Solutions: This option allows you to manage solutions in the farm. Again, no change when compared to SharePoint 2010.

---

**Question: 2**

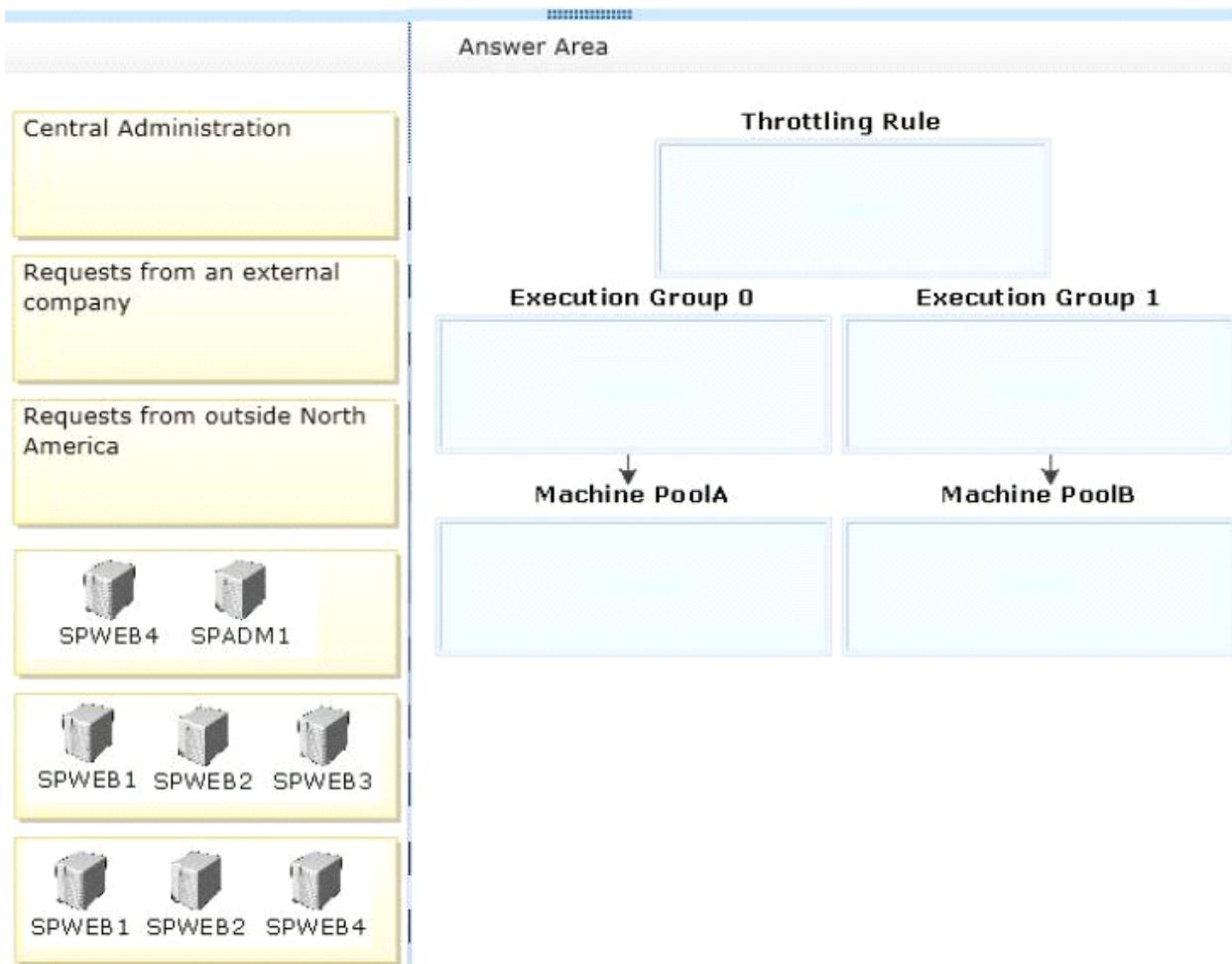
---

DRAG DROP

You are planning for high availability of the SharePoint environment.

You need to plan the Request Manager configuration.

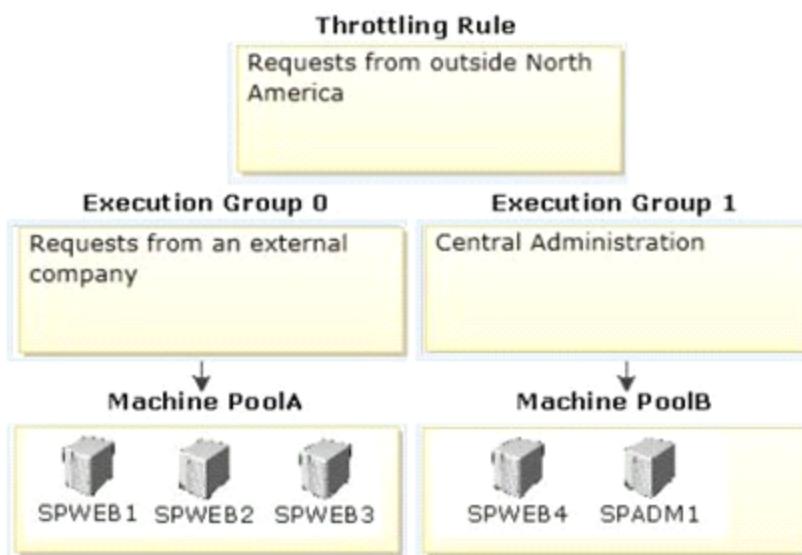
How should you configure Request Manager? (To answer, drag the appropriate elements to the correct positions in the answer area. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)




---

**Answer:**

---



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.

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**

---

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 |
|---|-------------|
| <p>Upload the solution package to the Solutions gallery of the ProseWeb site collection, and activate the solution.</p>                 |             |
| <p>Run the <b>Install-SPSolution</b> Windows PowerShell cmdlet.</p>   |             |
| <p>Start the Microsoft SharePoint Foundation Sandboxed Code Service on at least one server in the farm from Central Administration.</p> |             |
| <p>Run the <b>Add-SPSolution</b> Windows PowerShell cmdlet.</p>   |             |
| <p>In Central Administration, create a new site collection based on the custom ProseWeb template.</p>                                   |             |

**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.

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: 5**

#### **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**

---

\* 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

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.

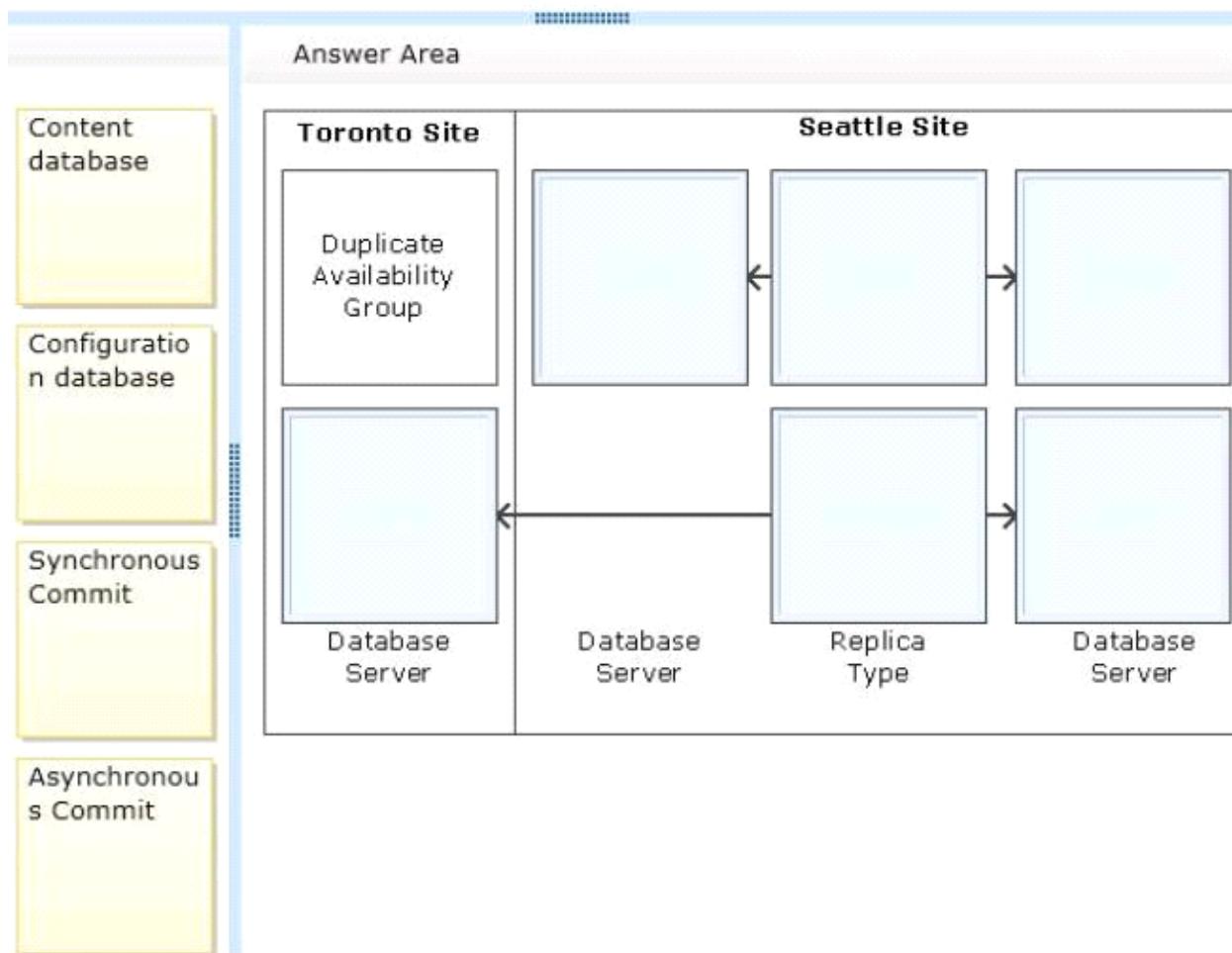
What should you do?

- 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.

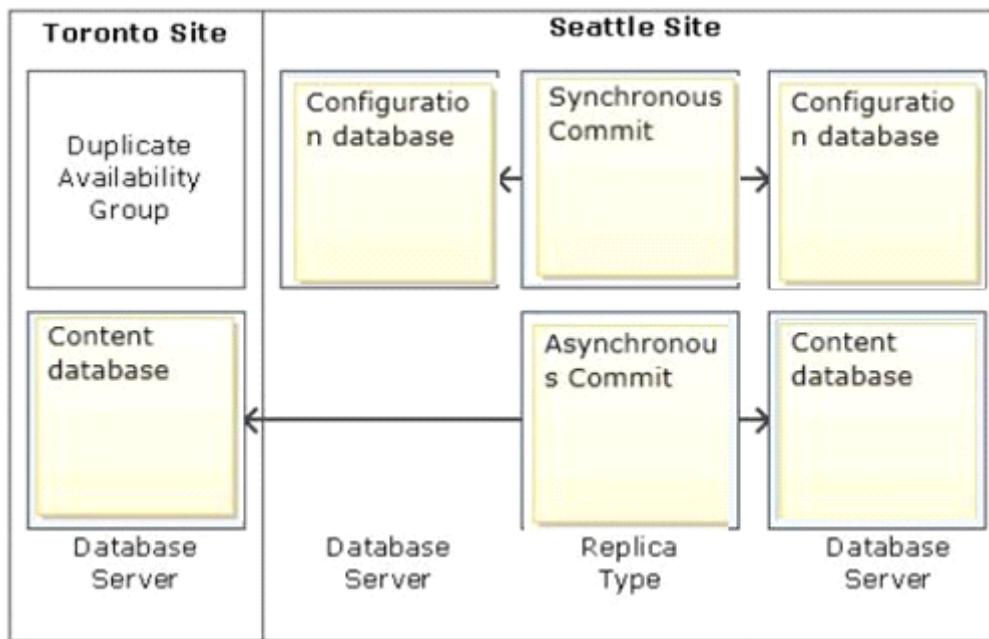
What should you do? (To answer, drag the appropriate elements to the correct target or targets in the answer area. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)



---

**Answer:**

---



Note:

- \* The content database should be placed on the database servers.
- \* The configuration database can be 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.

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**

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: 6**

### **Mix Questions**

---

#### **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**

---

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   |   |
|---|---|
| <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">-o enumallwebs</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">-o enumdeployments</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">-o enumcontentdbs</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">psconfig.exe</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">Get-SPContentDatabase</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">stsadm.exe</div> | <div style="border: 1px solid #ccc; width: 150px; height: 40px; margin-bottom: 10px;"></div> <div style="border: 1px solid #ccc; width: 150px; height: 40px; margin-bottom: 10px;"></div> <div style="margin-top: 20px;">-includewebparts</div> <div style="margin-top: 10px;">-includefeatures</div> |

---

**Answer:**

---

|   |   |
|---|---|
| <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">stsadm.exe</div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;">-o enumallwebs</div> | <div style="border: 1px solid #ccc; width: 150px; height: 40px; margin-bottom: 10px;"></div> <div style="border: 1px solid #ccc; width: 150px; height: 40px; margin-bottom: 10px;"></div> |
|---|---|

-includewebparts

-includefeatures

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 =<br>[Microsoft.SharePoint.SPCompatibilityRange]::NewVersion  |
| \$wa=Get-SPWebApplication http://<br>intranet.contoso.com                             |
| \$wa.CompatibilityRange =<br>[Microsoft.SharePoint.SPCompatibilityRange]::AllVersions |

**Answer:**

Box 1:

```
$wa=Get-SPWebApplication http://  
intranet.contoso.com
```

Box 2:

```
$wa.CompatibilityRange =  
[Microsoft.SharePoint.SPCompatibilityRange]::NewVersion
```

Box 3:

```
$wa.Update()
```

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

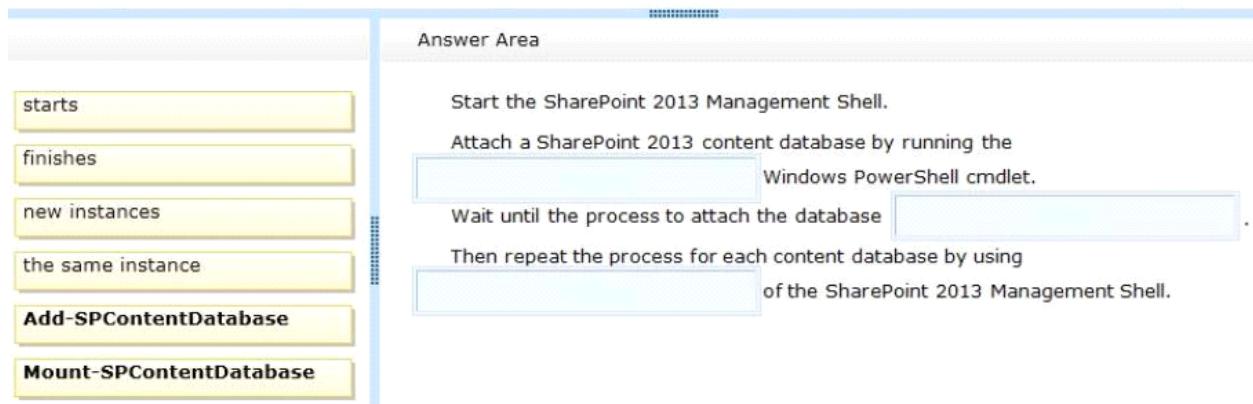
You are preparing to upgrade from a SharePoint 2010 environment to a SharePoint 2013 environment.

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:

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.

#### 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.

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" –DatabaseServer SQLServerInstance –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

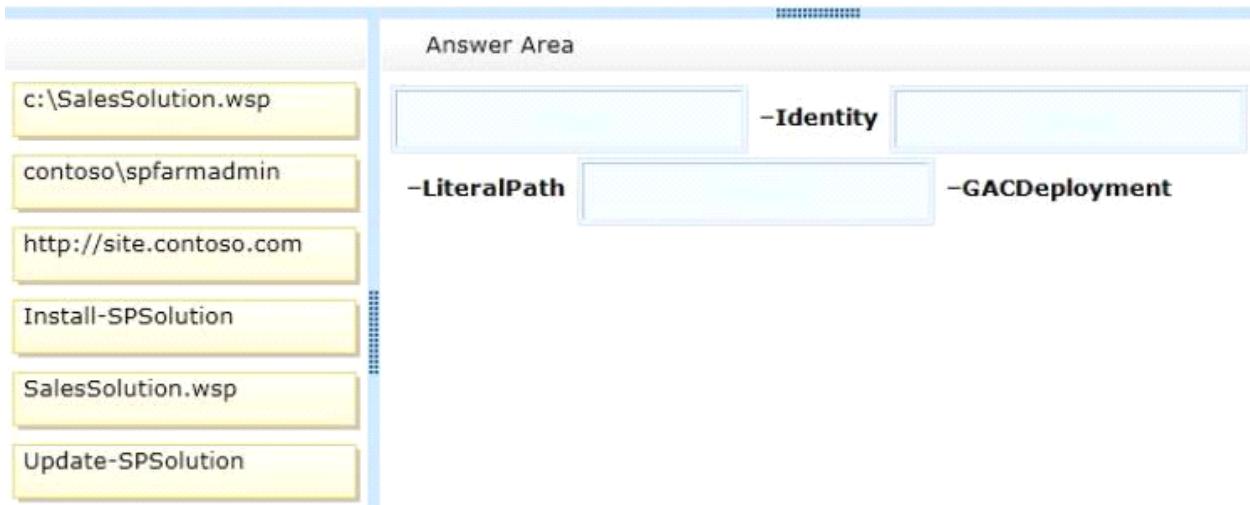
DRAG DROP

You have a custom solution named SalesSolution deployed to the URL <http://site.contoso.com/sites/sales>.

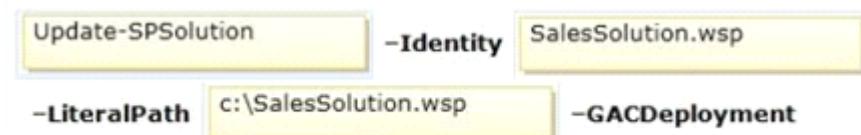
You need to deploy a new version of the solution without retracting the previous version.

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:



#### 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

### 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.)

The screenshot shows the SharePoint Central Administration ribbon. The left navigation bar has 'Application Management' and 'System Settings' selected. Under 'Application Management', 'Manage service applications' is highlighted with a red box. Under 'System Settings', 'Manage servers in this farm' is highlighted with a red box.

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>Application Management</b> | <b>System Settings</b>              |
| Manage web applications       | Manage servers in this farm         |
| Create site collections       | Manage services on server           |
| Manage service applications   | Manage farm features                |
| Manage content databases      | Configure alternate access mappings |

**Answer:**

The screenshot shows the SharePoint Central Administration ribbon. The left navigation bar has 'Application Management' and 'System Settings' selected. Under 'Application Management', 'Manage service applications' is highlighted with a red box.

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>Application Management</b>      | <b>System Settings</b>              |
| Manage web applications            | Manage servers in this farm         |
| Create site collections            | Manage services on server           |
| <b>Manage service applications</b> | Manage farm features                |
| Manage content databases           | Configure alternate access mappings |

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?

- Install-SPApp and then Update-SPAppCatalogSettings
- Import-SPAppPackage and then Install-SPApp
- Import-SPAppPackage and then Enable-SPAppAutoProvision
- 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

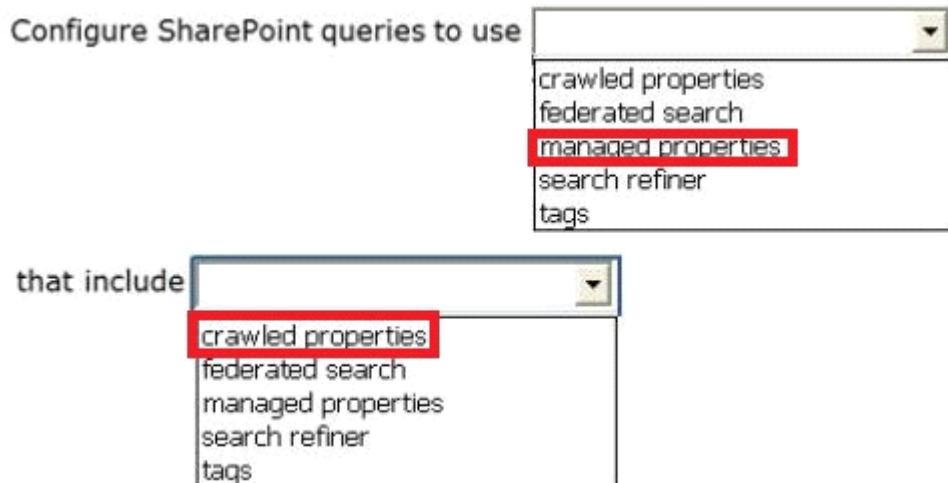
that include

crawled properties  
federated search  
managed properties  
search refiner  
tags

---

**Answer:**

---



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.

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.

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.

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.

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 Area

Application Server

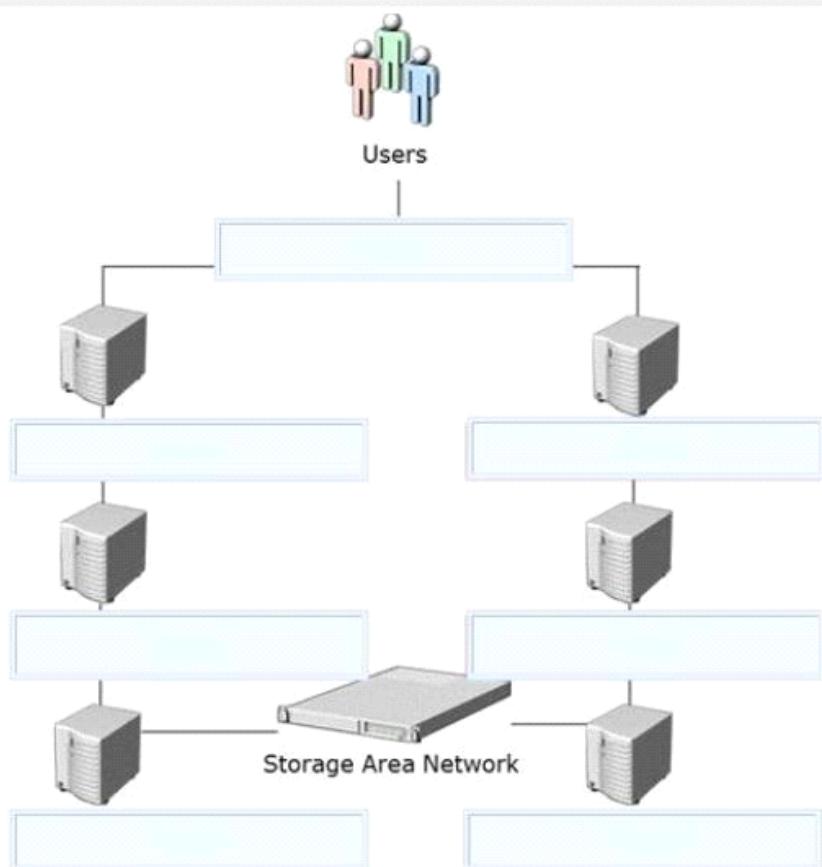
Front-end Web Server

Load Balancer

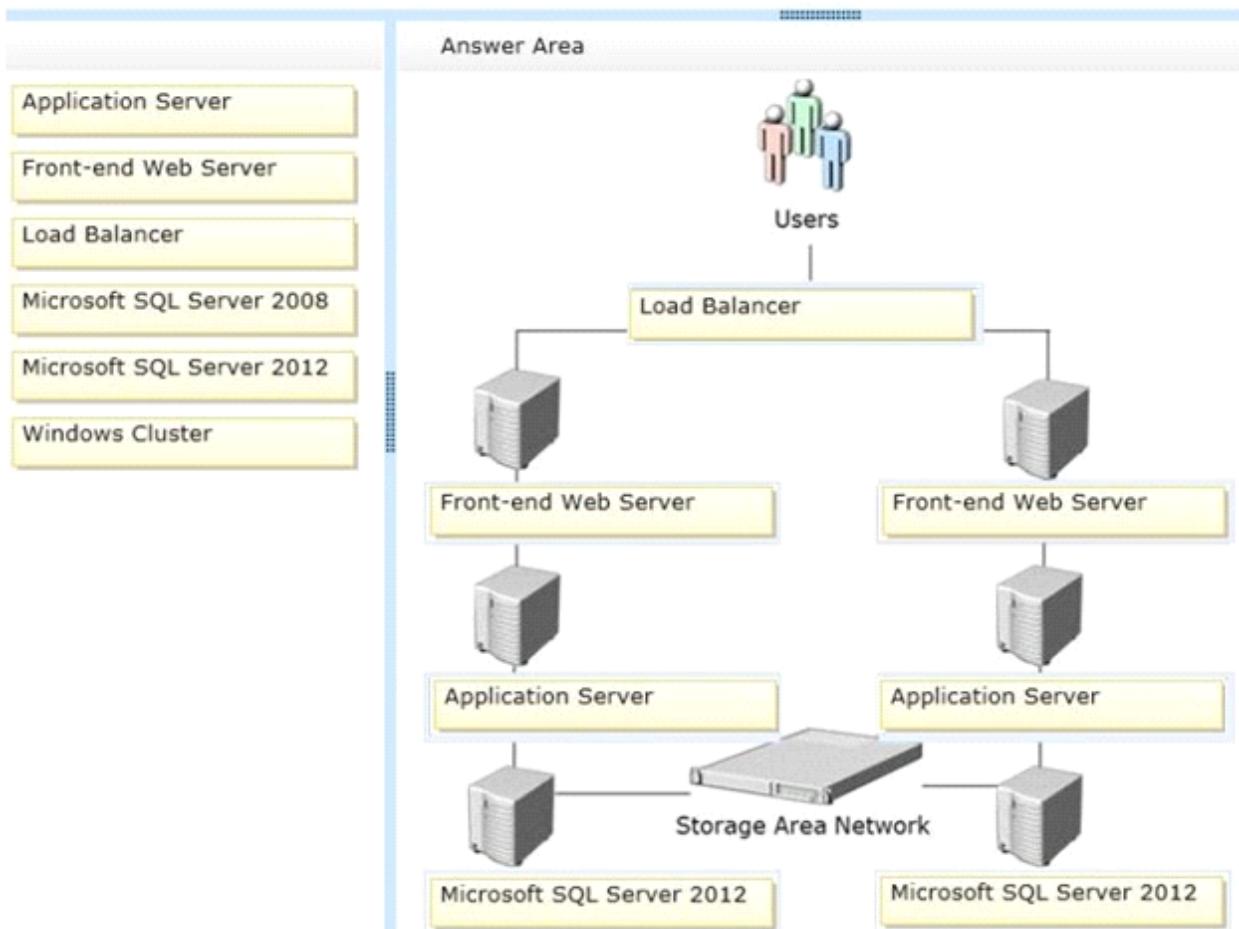
Microsoft SQL Server 2008

Microsoft SQL Server 2012

Windows Cluster



Answer:

**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:

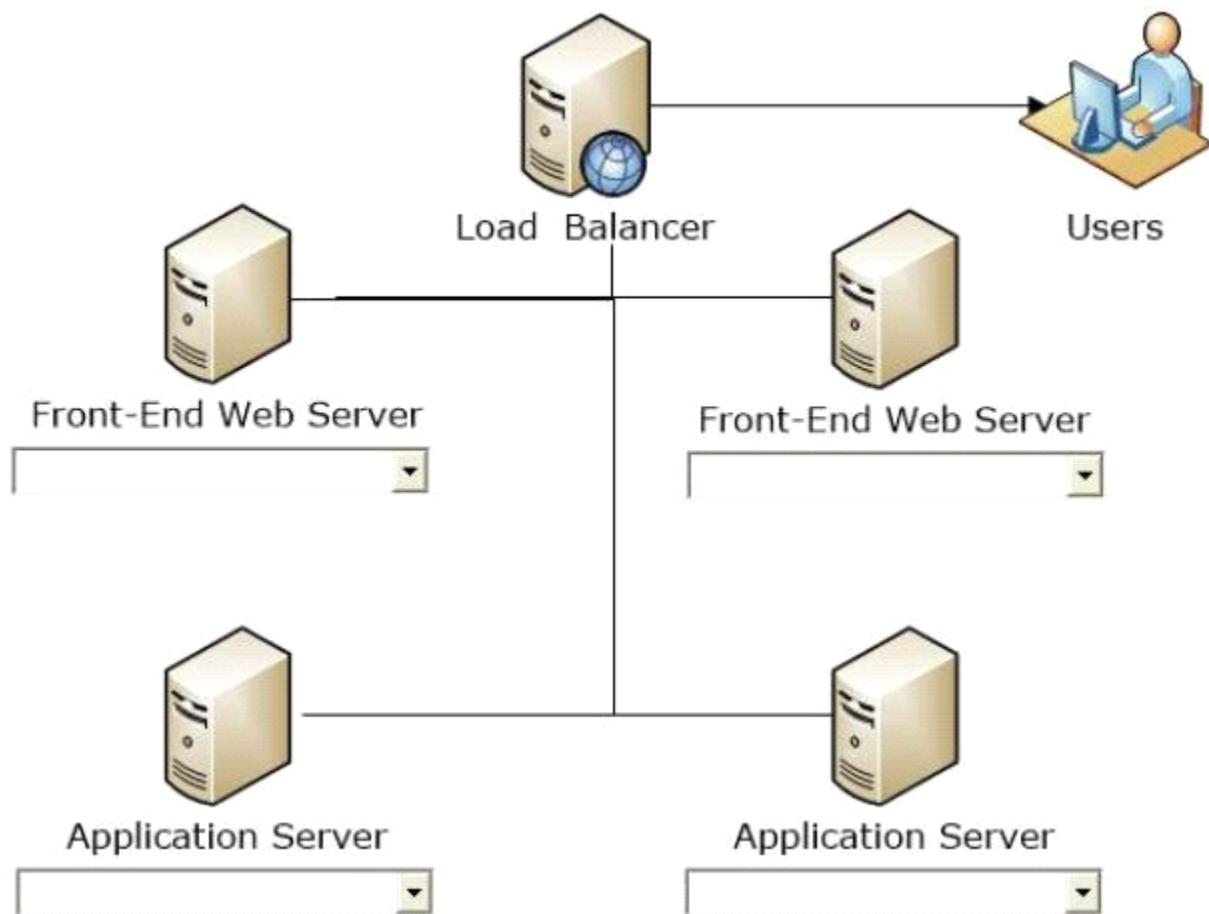
Search services must be fault tolerant and highly available.

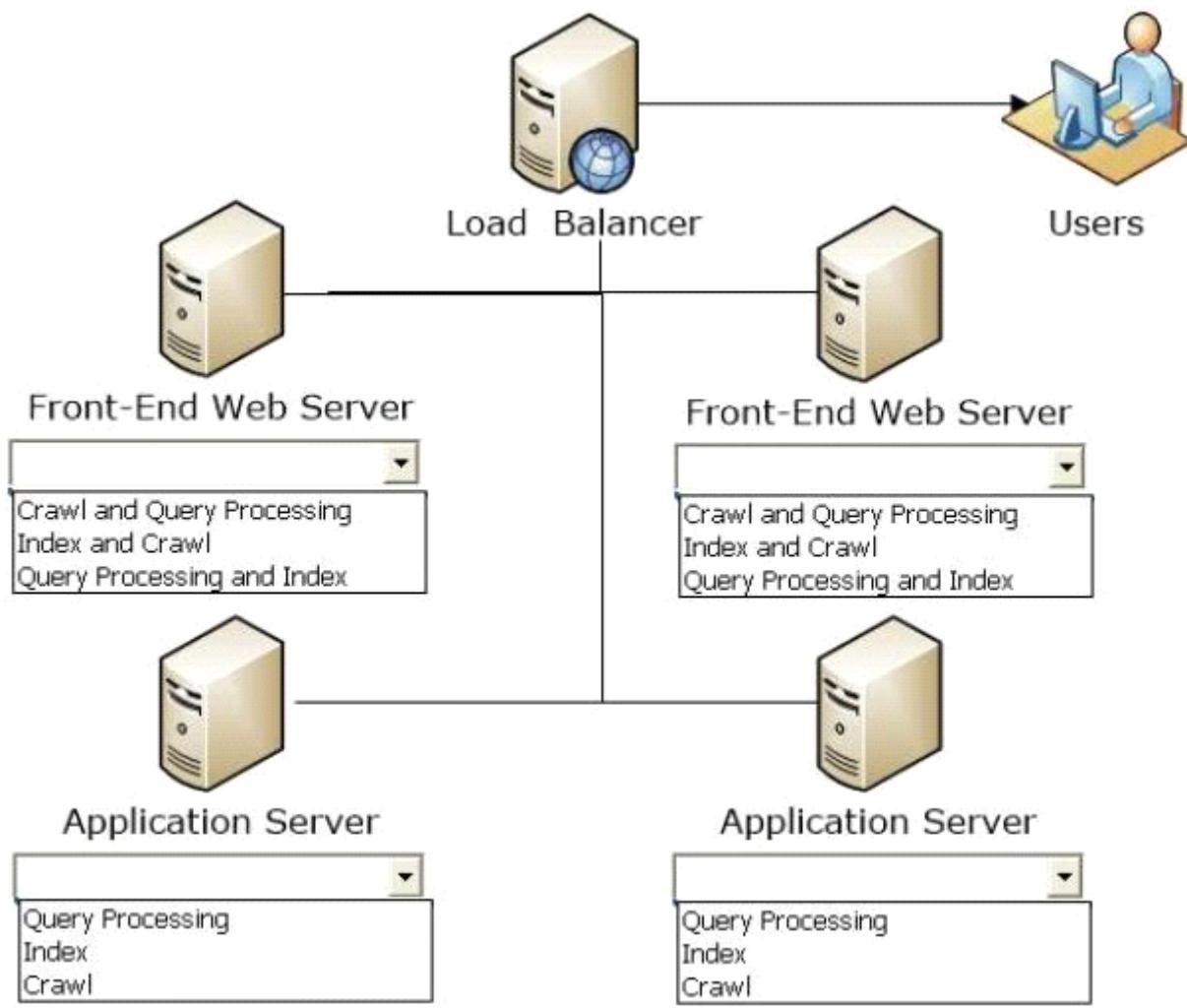
Search crawls must not affect page load times.

Search queries must run at the fastest possible speed.

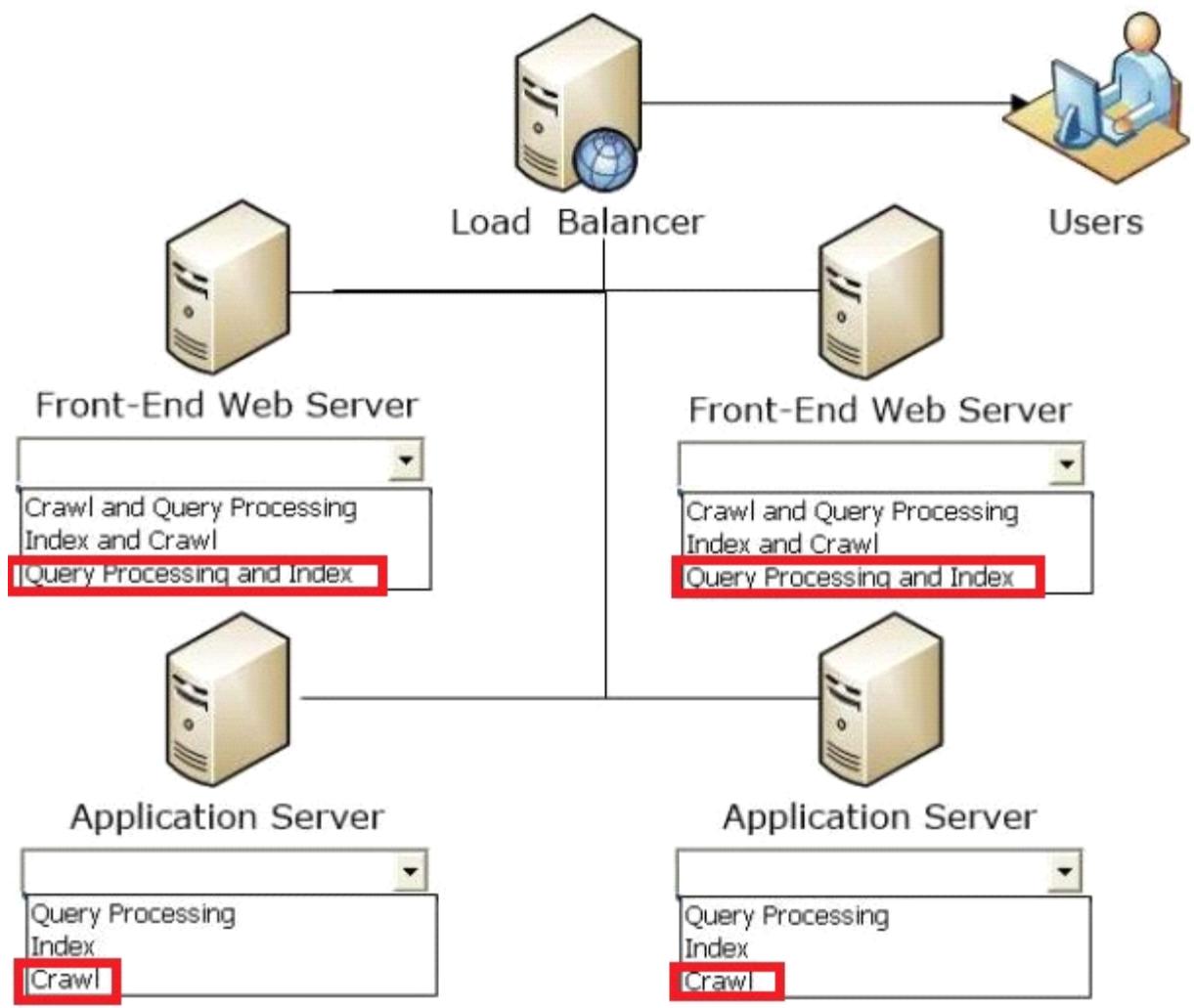
You need to distribute the appropriate search service roles to meet the requirements.

How should you distribute the service roles? (To answer, select the appropriate service role from each drop-down list in the answer area.)





**Answer:**



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**

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.

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.

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:

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.

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

## **Question: 27**

HOTSPOT

You upgrade a SharePoint 2010 environment to SharePoint 2013. The new environment includes the following site collections.

| <b>URL</b>                  | <b>Content Database</b> |
|-----------------------------|-------------------------|
| 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.)

```
$var = Get-SPWebApplication http://intranet.contoso.com
$var = Get-SPWebApplication WSS_Content
$var = Set-SPContentDatabase http://intranet.contoso.com
$var = Set-SPContentDatabase WSS_Content
```

```
$var.SiteUpgradeThrottleSettings.UsageStorageLimit = 5
$var.ConcurrentSiteUpgradeSessionLimit = 5
$var.EnableThrottling = 5
$var.ThrottleSettings = 5
```

**Answer:**

```
$var = Get-SPWebApplication http://intranet.contoso.com
$var = Get-SPWebApplication WSS_Content
$var = Set-SPContentDatabase http://intranet.contoso.com
$var = Set-SPContentDatabase WSS_Content
```

```
$var.SiteUpgradeThrottleSettings.UsageStorageLimit = 5
$var.ConcurrentSiteUpgradeSessionLimit = 5
$var.EnableThrottling = 5
$var.ThrottleSettings = 5
```

\* Set-SPContentDatabases

Sets global properties of a SharePoint content database.

\* ConcurrentSiteUpgradeSessionLimit

The limit on how many site upgrade session can happen concurrently on this database.

## Question: 28

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.

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**

### **Question: 30**

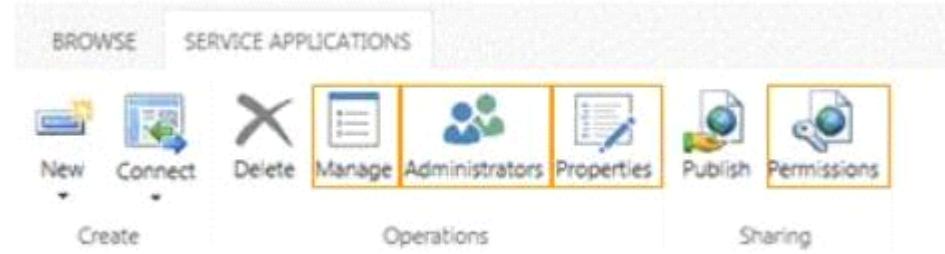
#### HOTSPOT

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:**



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.

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 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 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**

---

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**

---

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**

---

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**

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**

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**

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**

---

### **Question: 38**

---

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**

---

\* 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 Server 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

---

### **Question: 41**

---

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**

---

---

### **Question: 42**

---

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**

---

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.

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: 43**

---

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**

---

\* 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 click New 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**

---

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

---

### **Question: 45**

---

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**

---

---

### **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**

---

---

### **Question: 47**

---

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**

---

---

### **Question: 48**

---

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**

---

### **Question: 49**

---

**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:**

---

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

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.)

```

Answer Area

Backup-
-Directory \\srv01\backup\
-BackupMethod Full
-Item Farm\Shared Services

```

**Answer:**

```

Backup-SPFarm
-Directory \\srv01\backup\
-BackupMethod Full
-Item Farm\Shared Services

```

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.

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

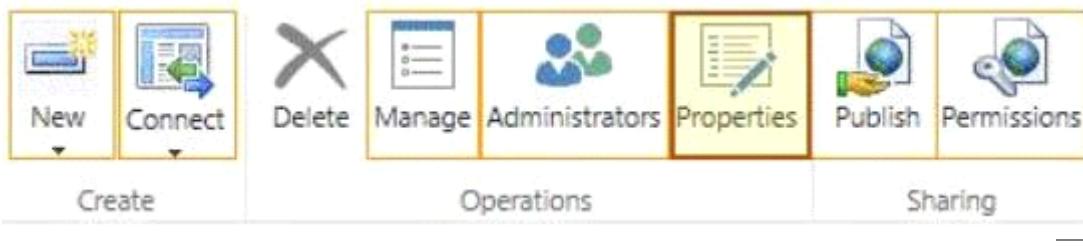
### Question: 53

#### HOTSPOT

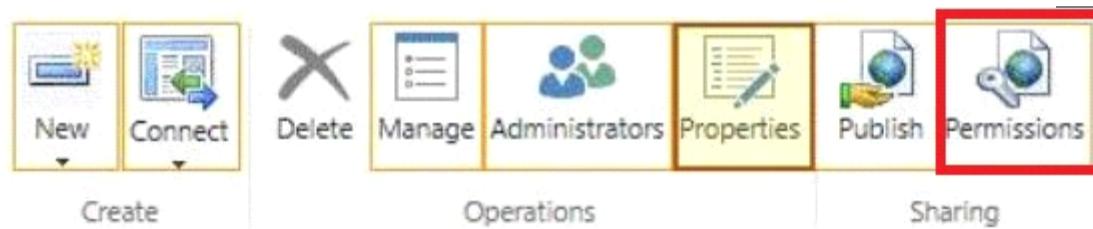
An organization has two SharePoint farms named FarmA and FarmB.

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:**



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

| 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**

---

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

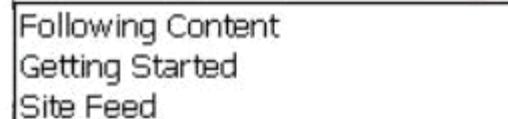
by first enabling the  ,

feature, and then enabling the

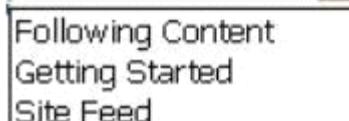
feature.

After upgrading the  ,  


activate site feeds on the upgraded sites

by first enabling the  ,  


feature, and then enabling the

 feature.  


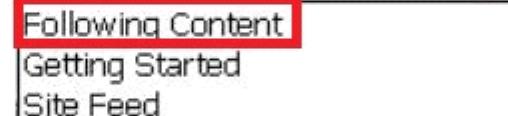
---

**Answer:**

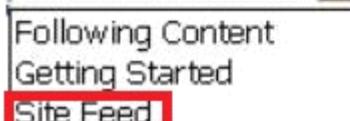
---

After upgrading the  ,  


activate site feeds on the upgraded sites

by first enabling the  ,  


feature, and then enabling the

 feature.  


### 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.

Note:

\*(box 4) Export-SPWeb

Exports a site, list, or library.

TheExport-SPWebcmdlet 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.)

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



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.

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**
- 

## 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

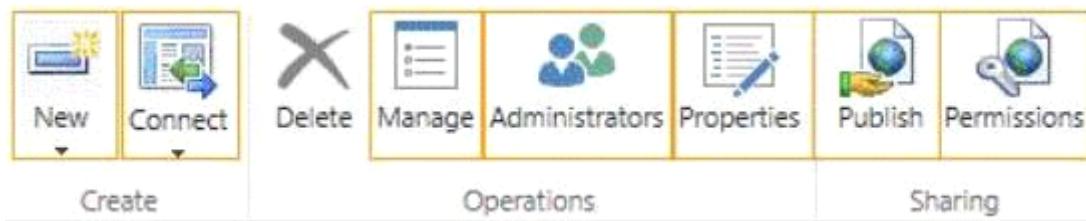
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#### HOTSPOT

An organization has two SharePoint farms named FarmA and FarmB.

You need to configure FarmA to consume the Managed Metadata service from FarmB.

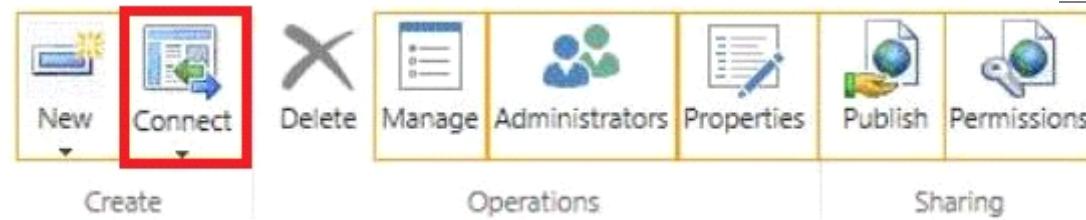
In Central Administration, which command should you select to complete the configuration? (To answer, select the appropriate command in the answer area.)




---

**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.

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.

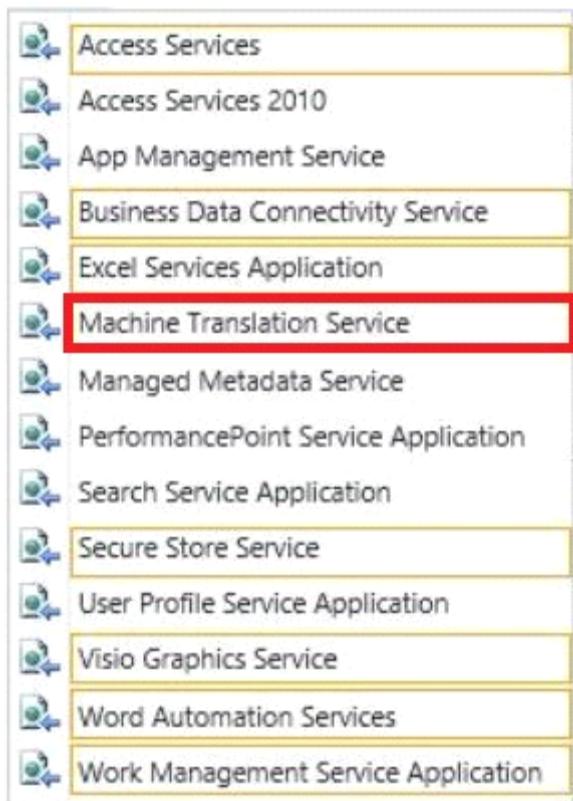
Which service application should you create? (To answer, select the appropriate service application in the answer area).

- 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:**

---

**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.

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**

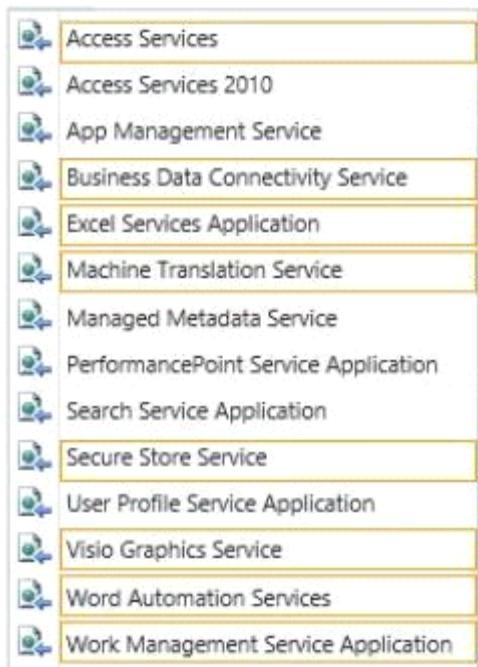
---

#### **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.

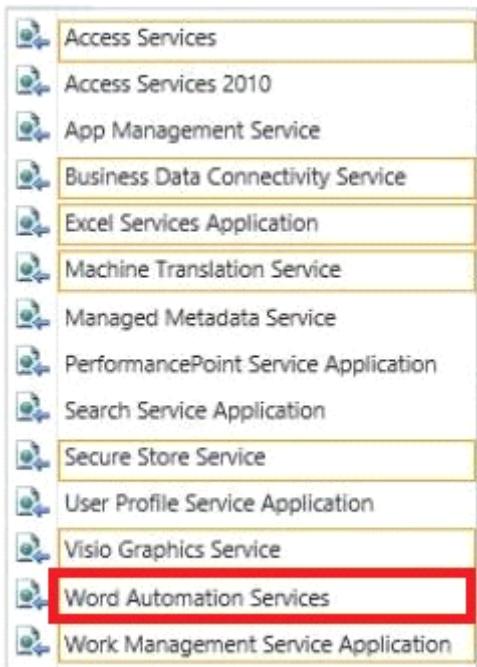
Which service application should you create? (To answer, select the appropriate service application in the answer area).



---

**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**

---

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**

---

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**

---

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.)

| Backup Methods                       |  | Answer Area  |
|--------------------------------------|--|--|
| 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. |

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>] [-IncludeUserSecurit

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**

|  | <b>Yes</b>            | <b>No</b>             |
|--|-----------------------|-----------------------|
| 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**

|  | <b>Yes</b>                       | <b>No</b>                        |
|--|----------------------------------|----------------------------------|
| The deployment requires a minimum of two web applications to host all of the site collections. | <input type="radio"/>            | <input checked="" type="radio"/> |
| The deployment only requires one content database.   | <input checked="" type="radio"/> | <input type="radio"/>            |
| The deployment requires a minimum of three managed paths.                                      | <input type="radio"/>            | <input checked="" type="radio"/> |

**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**

\* 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**

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.

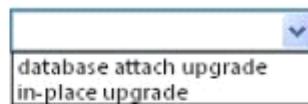
Upgrade SharePoint Server 2010 to SharePoint Server 2013.

You need to recommend an upgrade method for each task. The solution must use in-place upgrades, whenever possible.

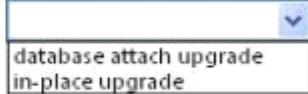
Which method should you recommend for each task? {To answer, select the appropriate upgrade method for each task in the answer area.}

**Answer Area**

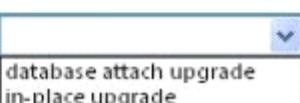
Upgrade the Windows SharePoint Services 3.0 farm to SharePoint Foundation 2010.



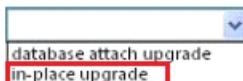
Upgrade SharePoint Foundation 2010 to SharePoint Server 2010.



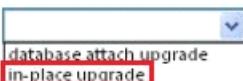
Upgrade SharePoint Server 2010 to SharePoint Server 2013.

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

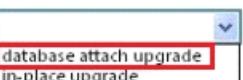
Upgrade the Windows SharePoint Services 3.0 farm to SharePoint Foundation 2010.



Upgrade SharePoint Foundation 2010 to SharePoint Server 2010.



Upgrade SharePoint Server 2010 to SharePoint Server 2013.



\* 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>     | Run the following Windows PowerShell cmdlets in the following order:<br><div style="border: 1px solid black; padding: 5px; width: fit-content;">Cmdlet</div> |
| <pre>Mount-SPContentDatabase -Name Intranet_Content -WebApplication http://testIntranet.contoso.com</pre> | <div style="border: 1px solid black; padding: 5px; width: fit-content;">Cmdlet</div>   |
| <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
```

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)

|                          |          |
|--------------------------|----------|
| <b>Locations</b>         | *****    |
| The App Catalog          |          |
| Central Administration   |          |
| The Solutions Gallery    |          |
| ...                      |          |
| <b>Answer Area</b>       |          |
| A farm solution:         | Location |
| A sandbox solution:      | Location |
| A SharePoint hosted app: | Location |

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

|                          |                        |
|--------------------------|------------------------|
| A farm solution:         | Central Administration |
| A sandbox solution:      | The Solutions Gallery  |
| A SharePoint hosted app: | The App Catalog        |

**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.)

|  |                    |
|--|--------------------|
| <b>Actions</b>   | <b>Answer Area</b> |
| 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.

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

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**

---

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**

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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**

---

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: | <input type="text"/> Microsoft SharePoint Designer |
| ECT2: | <input type="text"/> Microsoft Visual Studio       |

#### 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**

---

#### 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**

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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**

---

#### 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

---

### **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**

---

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**

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#### **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**

|  | Yes                   | No                    |
|--|-----------------------|-----------------------|
| 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**

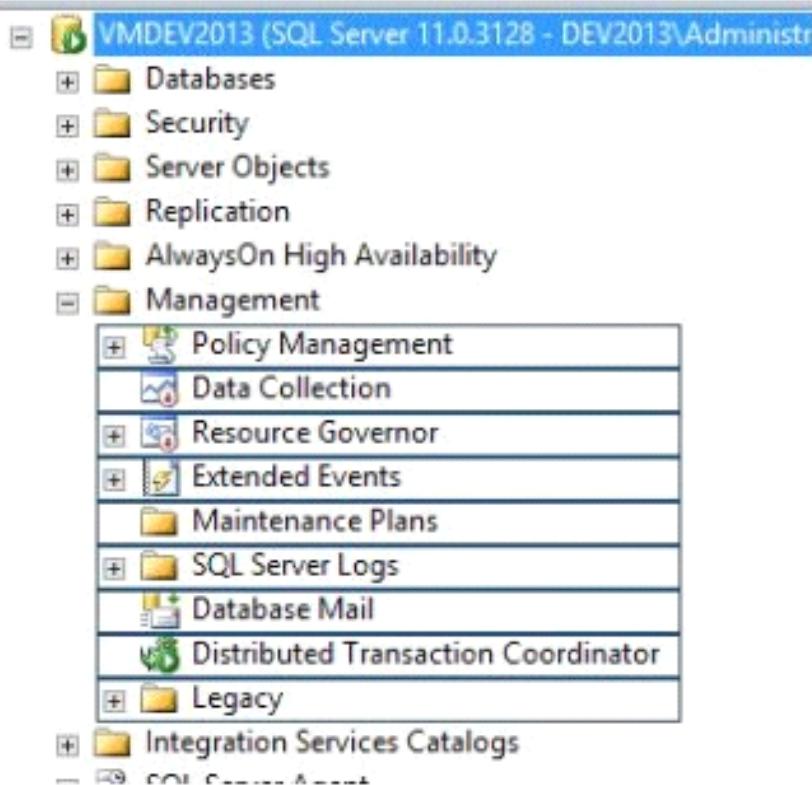
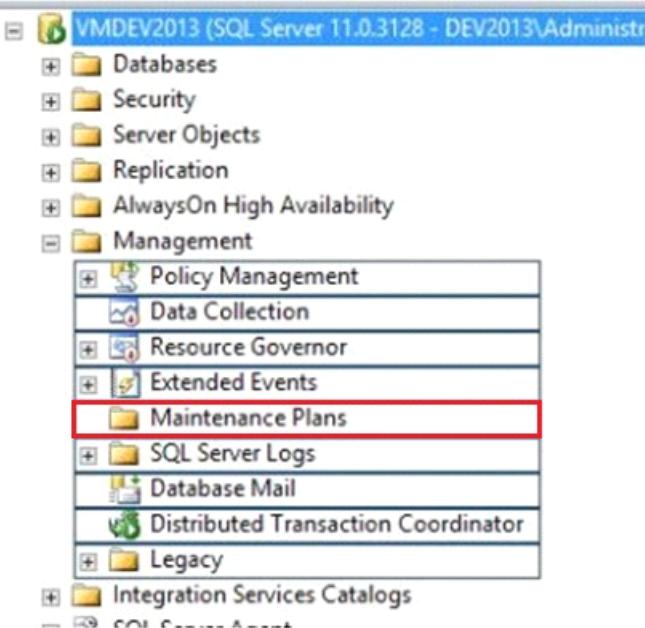
|  | Yes                              | No                               |
|--|----------------------------------|----------------------------------|
| If the main database server fails, users can access all of the service applications without any disruptions. | <input type="radio"/>            | <input 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:**

\* Maintenance Plans

Creating SQL Server 2008 maintenance plans

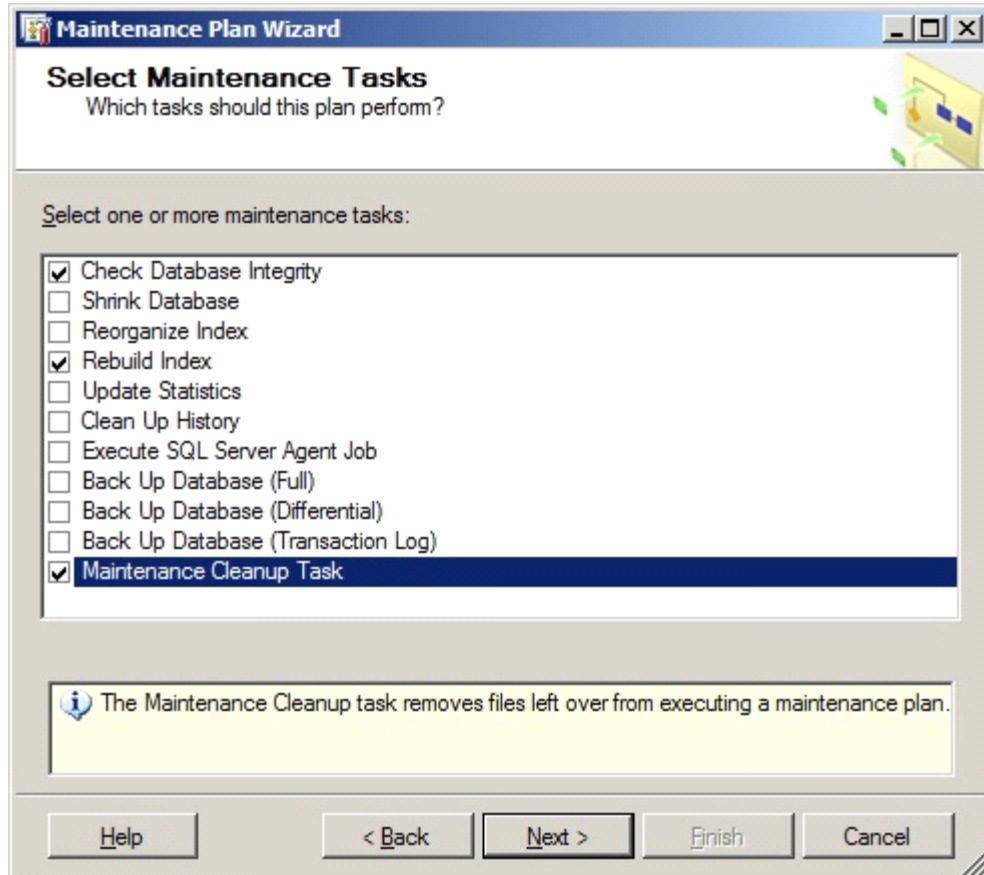
You can programmatically apply many of the database maintenance operations that are discussed in this article by implementing SQL Server maintenance plans. Maintenance plans can automate and schedule essential tasks to protect your data.

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



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:**

|                     |                             |
|---------------------|-----------------------------|
| Enterprise farm:    | Machine Translation Service |
|                     | Managed Metadata Service    |
| Collaboration farm: | 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**

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**

---

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**

---

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**

---

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:

Asynchronous commit  
 Synchronous commit

SQLReplica3:

Asynchronous commit  
 Synchronous commit

SQLReplica4:

Asynchronous commit  
 Synchronous commit

### 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**

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**

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**

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.

PerformancePoint Service Application

Add this service application's proxy to the farm's default proxy list.

Database Server

dev1

Database Name

PerformancePoint Service Application\_c8d14a8

Database authentication

Windows authentication (recommended)

SQL authentication

Account

[Empty text box]

Password

[Empty text box]

Failover Server

You can choose to associate a database with a specific failover server that is used in conjunction

Failover Database Server

[Empty text box]

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**

**Name**

**Database Server**

**Database Name**

**Database authentication**  
 Windows authentication (recommended)  
 SQL authentication  
**Account**

**Password**

**Failover Server**
**Failover Database Server**

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

\$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 =  \$HRUser -IdentityType

\$security =  \$UPAapp -Admin

**Grant-SPOObjectSecurity** \$security \$principal

\$UPAapp \$security -Admin

\* 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 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 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**

---

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

---

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 **New** and select **Report Build Report** 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.

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

Distributed Cache



SPServer2



SPServer3

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            |

\* 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>

**Question: 118**

**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:**

| 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.

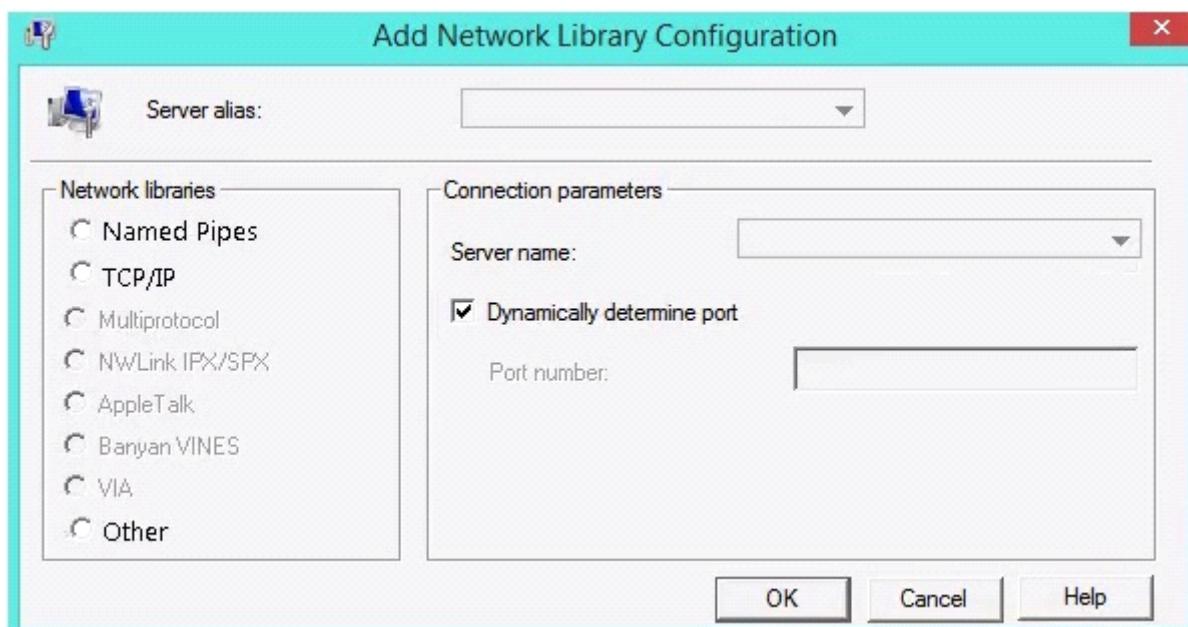
You have the following requirements:

SQL aliases must be used to specify the connection to the database.

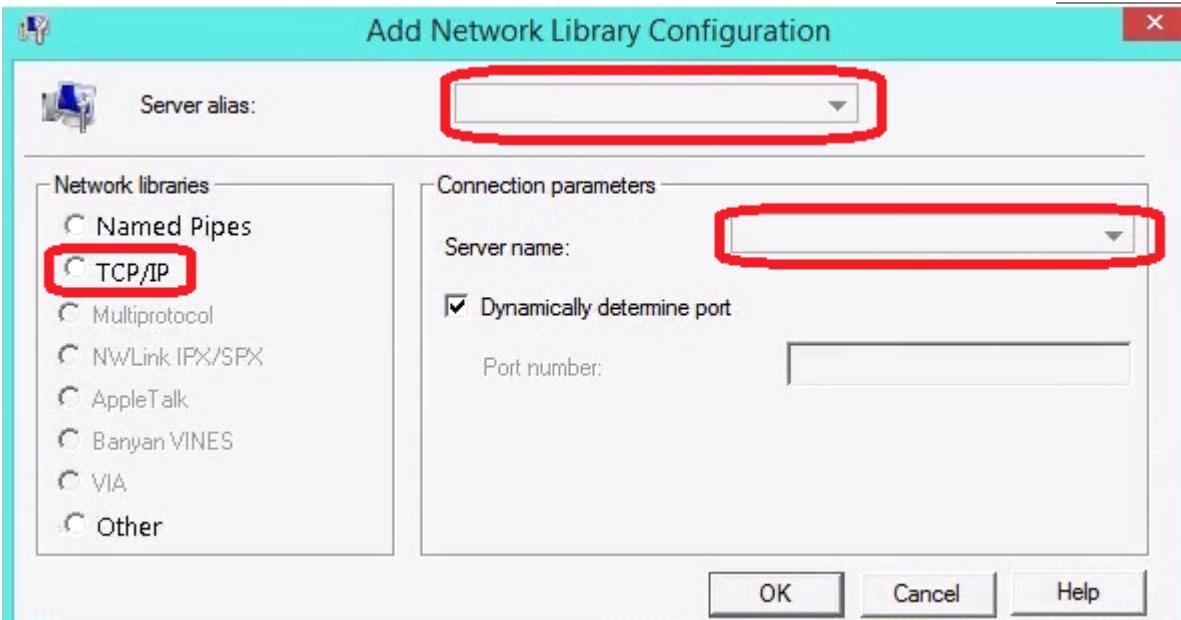
The name of the SQL alias must be configured as SPSQL.

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:**

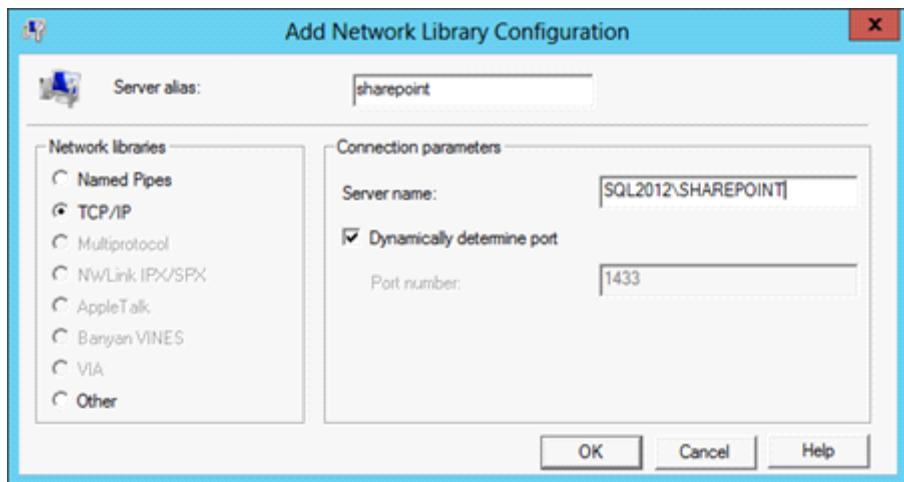


**Explanation:**

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

---

### Answer: AD

---

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.

---

### 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.

**Actions**

- 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.
- 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>

**Question: 122****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](#)

**Answer:**

**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](#)

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>

**Question: 123**

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     |
|---------------|
| Communities   |
| Team sites    |
| Project sites |
| My Sites      |

| Answer Area | Scenario   | Solution             |
|-------------|--|----------------------|
|             | Individual users store and share documents and information.  | <input type="text"/> |
|             | Teams work on specific tasks that have a finite life cycle.  | <input type="text"/> |
|             | Distinct groups of users collaborate and store information common to them such as documents and calendars. | <input type="text"/> |
|             | Large groups of users participate in sharing knowledge.  | <input type="text"/> |

**Answer:**

**Answer Area**

| Scenario   | Solution      |
|--|---------------|
| Individual users store and share documents and information.  | My Sites      |
| Teams work on specific tasks that have a finite life cycle.  | Project sites |
| Distinct groups of users collaborate and store information common to them such as documents and calendars. | Team sites    |
| Large groups of users participate in sharing knowledge.  | 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**

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>

**Question: 125**

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.

**Answer: A**

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>

## **Question: 126**

### **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**

### **Answer Area**

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:**

## **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.

---

**Answer: ABD**

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### **Question: 128**

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You are the administrator for a company's SharePoint environment.

All SharePoint installations must use SQL aliases.

You need to complete the configuration.

Which tool should you use?

- A. Psconfig
- B. SQL Server Configuration Manager
- C. SQL Server Management Studio.
- D. Clconfig
- E. IIS Manager

---

**Answer: B**

---

<https://blogs.msdn.microsoft.com/sowmyancs/2012/08/06/install-configure-sharepoint-2013-with-sql-client-alias/>

### **Question: 129**

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You manage a SharePoint 2013 farm for Contoso, LTd that has been recently upgraded from SharePoint 2010. You have administrative permissions on all web and service applications.

Contoso has a custom solution that uses the Business connectivity Service, Secure Store Service and Search Service application. You must create a new secure Store target application in an existing Secure Store Service application.

You need to configure service application.

What should you do?

- A. Use the New-SPSecureStoreServiceApplicationProxy windows powershell cmdlet to create a new service application and to generate a new proxy.
- B. In Central Administration, on the Secure Store Service application page , select the Generate New Key menu.
- C. In Central Administration, navigate to the Secure Store service application administration page. Use the New menu

to create a target application.

D. Use the New-SPSecureStoreServiceApplication window power shell cmdlet to create a new service application and generate a new proxy.

---

**Answer: A**

---

### Question: 130

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DRAG DROP

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

You have the following requirements:

- \* App Management must use all addresses in the contoso.apps.com zone.
- \* All traffic must be sent to a load balancer named nlb.contoso.com

You need to configure DNS.

Which three action you will perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area.

---

**Answer:**

---

### Question: 131

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You are the SharePoint administrator for a company. The business users must be able to create Microsoft Access 2010 and 2013 web apps that are published to SharePoint 2013. You need to select the core services that are required to implement an Access 2013 Services implementation. Which three services should you choose? Each correct answer presents part of the solution.

- A. Microsoft SharePoint Foundation Subscription Settings Service.
- B. App Management Service
- C. Secure Store Service

- D. Work Management Service.
- E. Managed Metadata Service.

---

**Answer: ABD**

---

### **Question: 132**

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You are the administrator of your company's SharePoint environment.  
The company plans to use Excel Services. A file share is designated to contain all the files that are used by Excel Services.  
You need to configure Excel Services to use the file share.  
What should you do?

- A. Add a user-defined function assembly on the Manage Excel Services Application page.
- B. Use the New-SPEExcelDataConnectionLibrary Windows PowerShell cmdlet.
- C. Add a trusted file location on the Manage Excel Services Application page.
- D. Use the Set-SPEExcelDataConnectionLibrary Windows PowerShell cmdlet.

---

**Answer: B**

---

### **Question: 133**

---

You are the administrator for a company's SharePoint environment.  
The management team must be able to monitor and analyze the business.  
You need to identify the steps to install PerformancePoint Services.  
Which two actions should you perform? Each correct answer presents part of the solution.

- A. Start the PerformancePoint Service. Create a PerformancePoint Services service application.
- B. Start the Excel Calculation Services.
- C. Start the Claims to Windows Token Service
- D. Configure the service application associations.

---

**Answer: AB**

---

### **Question: 134**

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DRAG DROP

A SharePoint 2010 farm contains four site collections. Each site collection has a separate content database. You plan to upgrade the farm to SharePoint 2013. You create a SharePoint 2013 test farm to test the upgrade process.  
The upgrade of the content databases completes with errors.  
You need to export a list of the upgrade error for each content database to a comma-separated values (.csv) file.  
You need to drag the Windows PowerShell segments to Answer area.

**Windows PowerShell segments**

- Get-SPWebApplication
- ContentDatabases
- \$WebApp.Sites.ContentDatabase
- Upgrade-SPContentDatabase
- Test-SPContentDatabase
- WebApplication

**Answer Area**

```
Add-PSSnapin Microsoft.SharePoint.PowerShell -ErrorAction SilentlyContinue
Foreach-Object ($WebApp in (
    "Testing Web Application - " + $WebApp.Name | Write-Host -ForegroundColor Green;
    Foreach-Object ($CDB in $WebApp.
        {
            Test-SPContentDatabase
            -Name $CDB.Name
            -WebApplication
            $WebApp.URL
            -ServerInstance $CDB.Server | ConvertTo-Csv | Out-File -Encoding default
            -FilePath $("C:\\" + $CDB.Name + ".csv"))
        }
    )
)
{
    $WebApp
}
```

**Answer:**

**Answer Area**

```
Add-PSSnapin Microsoft.SharePoint.PowerShell -ErrorAction SilentlyContinue
Foreach-Object ($WebApp in (
    ContentDatabases
))
("Testing Web Application - " + $WebApp.Name | Write-Host -ForegroundColor Green;
    Foreach-Object ($CDB in $WebApp.
        $WebApp.Sites.ContentDatabase
        {
            Test-SPContentDatabase
            -Name $CDB.Name
            -WebApplication
            $WebApp.URL
            -ServerInstance $CDB.Server | ConvertTo-Csv | Out-File -Encoding default
            -FilePath $("C:\\" + $CDB.Name + ".csv"))
        }
    )
)
{
    $WebApp
}
```