



Reference Solution for ms-301.vce MS-301

MS-301

Deploying SharePoint Server Hybrid

Version 4.0

Score: 800/1000

Version:

Time Limit: 120 Minutes

Configure and Manage SharePoint On-Premises

Case Study (8 questions)

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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Overview

Litware, Inc. is an international manufacturing company that has 3,000 users. The company has sales, marketing, research, IT, and human resources (HR) departments.

Litware has two main offices located in New York and London. The company has five branch offices located in Asia.

Existing Environment

Active Directory

The network contains an Active Directory forest named litwareinc.com. The forest contains a single domain. All domain controllers run Windows Server 2016.

SharePoint Server Environment

Litware has a SharePoint Server 2019 farm that contains the servers shown in the following table.

Name	Configuration
SPWEB1	Front-end server
SPWEB2	Front-end server
SPCACHE1	Distributed cache server
SPAPP1	Application server
SPSEARCH1	Search server
SPSEARCH2	Search server
SQLSVR1	Microsoft SQL Server
SQLSVR2	Microsoft SQL Server

Central Administration has a

URL of <http://spweb1.litwareinc.com>.

The HR department currently uses a SharePoint web application that uses only forms authentication.

The sales department has a SharePoint site that is available anonymously to display product information.

Line-of-Business Application

You have a line-of-business application named LOBApp. LOBApp stores content in a SQL Server database named LOBAppDB.

LOBApp has a service account named LobAppSA.

Problem Statements

Litware identifies the following issues:

None of the SharePoint sites use TLS.

The Distributed Cache Problem service uses the farm account.

When users perform searches from the SharePoint site of the HR department, they receive no results.

You discover that the user names and passwords configured for managed services were transmitted on the network in plain text.

Requirements

Business Goals

All the components in the SharePoint Server farm must be highly available by using the least number of servers possible.

Each document stored in the HR department site must have the following pieces of metadata: CONID, CONNO, CONDate, and CONApproved.

Security

The farm uses the managed service accounts shown in the following table.

Account name	Description
Spfarm	Farm account
SpContent	SharePoint content database account
SpServices	SharePoint service account
SpSecureStore	SharePoint Secure Store Service account
SpBI	SharePoint Business Intelligence
LOBAppSA	Content access account for LOBApp

Technical

Requirements

Litware identifies the following technical requirements:

LOBApp content must be visible in search results.

The principle of least privilege must be used whenever possible.

All SharePoint service applications must use the SpServices account.

Information for each product must be displayed as a separate webpage for the sales department.

Search crawling must start every 10 minutes, regardless of whether the prior session is complete.

The Cloud Search Service Application must crawl on-premises content in a cloud hybrid search solution.

The Secure Store Service application must use LitwareAppID as the target application to access LOBAppDB.

Question 1

You need to resolve the issues related to passwords being transmitted over the network in plain text.

What should you do?

- ☒ Configure the SQL servers to use TLS.
- ☐ Configure Central Administration to use forms authentication.
- ☐ On SPWEB1, configure a firewall rule that allows outbound traffic on TCP port 443.
- ☐ Configure Central Administration to use Secure Sockets Layer (SSL).

Question 2

DRAG DROP

You need to resolve the issue for the Distributed Cache service.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Values	Answer Area
ADUser	\$farm = Get-Spfarm
AppFabricCachingService	\$cacheService = \$farm.Services where {\$_.Name -eq" Value "}
LocalService	\$acct = Get- Value -Identity Litwareinc\SpServices
NetworkService	\$cacheService.ProcessIdentity.CurrentIdentityType = " Value "
SpecificUser	\$cacheService.ProcessIdentity.ManagedAccount = \$acct
SPManagedAccount	\$cacheService.ProcessIdentity.Update()
SPUser	\$cacheService.ProcessIdentity.Deploy()

Solution:

Values	Answer Area
ADUser	\$farm = Get-Spfarm
AppFabricCachingService	\$cacheService = \$farm.Services where {\$_.Name -eq" AppFabricCachingService "}
LocalService	\$acct = Get- SPManagedAccount -Identity Litwareinc\SpServices
NetworkService	\$cacheService.ProcessIdentity.CurrentIdentityType = " SpecificUser "
SpecificUser	\$cacheService.ProcessIdentity.ManagedAccount = \$acct
SPManagedAccount	\$cacheService.ProcessIdentity.Update()
SPUser	\$cacheService.ProcessIdentity.Deploy()

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/administration/manage-the-distributed-cache-service#change-the-service-account>

Question 3

You need to recommend changes to the existing environment to support the minimum high-availability SharePoint Server farm. The solution must minimize costs.

Which three changes should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☒ Change the role of SPWEB1 and SPWEB2 to Front-end with Distributed Cache.
- ☒ Change the role of SPSEARCH1 and SPSEARCH2 to Application with Search.
- ☒ Remove SPCACHE1 and SPAPP1 from the farm.
- ☐ Change the role of SPCACHE1 to Single-Server Farm.
- ☐ Change the role of SPAPP1 to Single-Server Farm.
- ☐ Remove1 SPWEB1 and SPSEARCH1 from the farm.

Question 4

HOTSPOT

You need to configure the crawl settings to meet the technical requirements.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
$ssa =
```

▼

Get-SPEnterpriseSearchCrawlContentSource
Get-SPEnterpriseSearchServiceApplication
Get-SPEnterpriseSearchTopology

```
$ssa.SetProperty
```

```
("
```

▼

CaseSensitiveCrawling
ContinuousCrawlInterval
CrawlState
IncrementalCrawlSchedule
SPPartitionOptions

```
",10)
```

Solution:

Answer Area

```
$ssa =
```

Get-SPEnterpriseSearchCrawlContentSource
Get-SPEnterpriseSearchServiceApplication
Get-SPEnterpriseSearchTopology


```
$ssa.SetProperty
```

CaseSensitiveCrawling
ContinuousCrawlInterval
CrawlState
IncrementalCrawlSchedule
SPPartitionOptions

```
("", 10)
```

Question 5

DRAG DROP

You need to meet the technical requirements for searching the LOBApp content.

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
Create an external content source		
Create an external content type		
Create a content type hub	➤	⬆
Create a document set	⬅	⬇
Configure permissions for the search crawl account		

Solution:

Actions	Answer Area
Create an external content source	Create an external content type
Create an external content type	Configure permissions for the search crawl account
Create a content type hub	Create an external content source
Create a document set	
Configure permissions for the search crawl account	

Navigation arrows: Left (right arrow), Right (left arrow), Up (up arrow), Down (down arrow)

Explanation:

References:

<http://prairiedeveloper.com/2016/04/setup-sharepoint-search-crawl-bcs/>

Question 6

You need to resolve the search issues for the HR department site.

What should you do?

- ☐ Extend the HR department web application. Set the default zone to forms authentication and the extended zone to NTLM.
- ☒ Extend the HR department web application. Set the default zone to NTLM and the extended zone to forms authentication.
- ☐ Create an alternate access mapping for the HR department web application and set the default URL to an intranet zone.
- ☐ Create an alternate access mapping for the HR department web application and set the default URL to an extranet zone.

Question 7

Which feature should you activate for the sales department?

- ☐ SharePoint Server Standard Site Collection features
- ☐ Site Policy feature
- ☐ SharePoint Server Enterprise Site Collection features
- ☒ SharePoint Server Publishing Infrastructure

Question 8

You need to implement the business goals for the HR department.

What should you do?

- ☐ Create a content type that contains site columns. Add the content type to the document libraries.
- ☐ Add site columns to a document library. Save the document library as a template.
- ☒ Enable enterprise metadata and keywords for the document libraries.
- ☐ Activate Content Type Syndication Hub. Update the Column default value settings for the document library.

Case Study (1 questions)

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Overview

Contoso, Ltd. is an international pharmaceutical company that has 60,000 users. Contoso has sales, marketing, research, and human resources (HR) departments.

Existing Environment

Productivity Environment

Contoso recently installed a highly available SharePoint Server farm that has Office Server deployed.

Microsoft OneDrive for Business in SharePoint Server is deployed to 10,000 users.

All user accounts are currently stored in an Active Directory Domain Services (AD DS) environment. Each user account has a profile picture in Active Directory.

You recently purchased a SharePoint Online subscription. A small number of users currently use SharePoint Online by using cloud identities.

The root site collection of the farm has a URL of <https://portal.contoso.com>.

Tens of thousands of documents are added to the farm daily.

The farm contains the servers shown in the following table.

Configuration	Number of servers
Front-end server	4
Application server	2
Search server	2
Distributed cache server	2
Microsoft SQL Server	2
Office Online Server	2

Current

Business Model

Contoso has the following business model:

Users in the research department apply hundreds of terms and keywords as metadata in document libraries.

The marketing department maintains an external database to store customer information. The information is available in some SharePoint lists and libraries as metadata by using external content types.

Problem Statements

Contoso identifies the following issues:

Users report that it takes a long time for new documents to appear in search results and the SharePoint sites are slow to load.

Users in SharePoint Online cannot tag documents by using the terms and keywords available in SharePoint Server on-premises.

Users report that data refresh in Microsoft Excel Online and the Excel Web Access web part fail to work.

Requirements

Business Goals

Contoso wants to provide seamless, streamlined access to business information, while maintaining appropriate security for employees and contractors.

Technical Requirements

Contoso identifies the following technical requirements:

Add a picture to the user profile page of each user.

Resolve the Excel Online issues and enable Excel data refresh.

Deploy hybrid OneDrive for Business to the remaining 50,000 users.

Prevent solutions from affecting the performance of existing services.

Improve search indexing and response times of the existing SharePoint sites.

Ensure that solutions use the principle of least privilege whenever possible.

Migrate the terms and keywords from SharePoint Server on-premises to SharePoint Online.

Configure Microsoft Office 365 for SharePoint hybrid and provide a single sign-on (SSO) experience.

Configure the permissions for the external content types of the marketing department to meet the following requirements:

Users in the HR department must be able to see customer data.
Users in the research department must be able to read and write data.
Contractors must be able to see data directly from Office applications.
Ensure that on-premises data from SQL Server databases, SharePoint lists, and Oracle databases can be used to generate reports and dashboards in Microsoft Power BI.

Question 9

You need to investigate the cause of the search issues reported by the users.

What should you use?

- ☐ usage reports
- ☐ query health reports
- ☐ a SharePoint activity report
- ☒ crawl health reports

(58 questions)**Question 10**

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You create an external content type named ECT1 for a Microsoft SQL Server database.

You implement cloud hybrid search.

You create a Line of Business Data content source and run a full crawl.

Users in SharePoint Online report that the search results do not contain any data from ECT1.

You need to ensure that searches can return data from ECT1.

Solution: You grant the Default content access account Full control permissions to the Central Administration web application.

Does this meet the goal?

- ☐ Yes
☒ No

Question 11

You are planning the backup strategy for a SharePoint Server farm.

You need to back up content databases automatically every week. The solution must minimize the backup size.

What should you do?

- ☒ Create a scheduled task that runs Backup-SPFarm.
☐ Create a scheduled task that runs Backup-SPSite.
☐ Create a scheduled task that runs Backup-SPWeb.
☐ From Windows Server Backup, create a backup schedule that performs a full server backup.

Question 12

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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You have a SharePoint Server farm.

A user attempts to create a site column named RequestType that uses a managed metadata term set named RequestTypes as metadata. The user reports that Allow 'Fill-in' choices are set to No, and the option cannot be configured.

You need to ensure that the user can set Allow 'Fill-in' choices to Yes.

Solution: You set the term set Submission Policy to Open.

Does this meet the goal?

- ☐ Yes
- ☒ No

Question 13

You have a SharePoint Server farm.

You need to add enterprise keywords to the term store.

To which term group should you add the keywords?

- ☐ Search Dictionaries
- ☒ System
- ☐ People
- ☐ Library

Question 14

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You create an external content type named ECT1 for a Microsoft SQL Server database.

You implement cloud hybrid search.

You create a Line of Business Data content source and run a full crawl.

Users in SharePoint Online report that the search results do not contain any data from ECT1.

You need to ensure that searches can return data from ECT1.

Solution: From a Business Data Connectivity Service application, you grant the Default content access account Manage permissions to ECT1.

Does this meet the goal?

- ☒ Yes
☐ No

Question 15

DRAG DROP

You have a SharePoint Server farm.

You plan to provide users who have a Microsoft account, such as hotmail.com with access to sites in the farm.

You need to create a new web application that supports authenticating the Microsoft accounts.

How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value 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.

NOTE: Each correct selection is worth one point.

Values	Answer Area
Get-SPTrustedIdentityTokenIssuer	\$var -TrustedIdentityTokenIssuer
Get-SPTrustedRootAuthority	"LiveIDSTS"
New-SPAuthenticationProvider	-Name "Contoso Internet Site"
New-SPClaimsPrincipal	-URL "https://www.contoso.com"
New-SPClaimsProvider	-Port 443 -ApplicationPool "ContosoAppPool"
New-SPWebApplication	-ApplicationPoolAccount (Get-SPManagedAccount "DOMAIN\contosoapp") -AuthenticationProvider \$var -SecureSocketsLayer

Solution:

Values	Answer Area
Get-SPTrustedIdentityTokenIssuer	\$var -TrustedIdentityTokenIssuer
Get-SPTrustedRootAuthority	"LiveIDSTS"
New-SPAuthenticationProvider	-Name "Contoso Internet Site"
New-SPClaimsPrincipal	-URL "https://www.contoso.com"
New-SPClaimsProvider	-Port 443 -ApplicationPool "ContosoAppPool"
New-SPWebApplication	-ApplicationPoolAccount (Get-SPManagedAccount "DOMAIN\contosoapp") -AuthenticationProvider \$var -SecureSocketsLayer

Explanation:

References:

<https://docs.microsoft.com/en-us/powershell/module/sharepoint-server/new-spauthenticationprovider?view=sharepoint-ps>

Question 16

DRAG DROP

Your network contains an Active Directory domain.

Microsoft Active Directory (Azure AD) Connect is configured to sync identifies to an Azure AD tenant. End-user computers are joined to Azure AD.

You have a SharePoint Server farm that supports 30,000 users. The farm contains the servers shown in the following table.

Configuration	Number of servers
Front-end server (load-balanced)	2
Application server	2
Search server	2
Distributed cache server	2
Microsoft SQL Server cluster	2

Users report that they encounter multiple authentication prompts when accessing SharePoint sites.

You need to provide a single sign-on (SSO) experience for all the SharePoint sites.

In which order should you perform the actions? To answer, move all of the actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions		Answer Area
Create and publish the Azure AD Application Proxy and set Single Sign-on Mode to Integrated Windows Authentication	> <	⬆ ⬇
From Active Directory Users and Computers, configure service delegation for the application pool account		
From Central Administration, change the claims authentication type from NTLM to Negotiate (Kerberos) for the web application		
Configure service principal names (SPNs) for the application pool account of the web application		
Install the Azure AD Application Proxy connector		

Solution:**Actions**

Create and publish the Azure AD Application Proxy and set Single Sign-on Mode to **Integrated Windows Authentication**

From Active Directory Users and Computers, configure service delegation for the application pool account

From Central Administration, change the claims authentication type from NTLM to **Negotiate (Kerberos)** for the web application

Configure service principal names (SPNs) for the application pool account of the web application

Install the Azure AD Application Proxy connector

**Answer Area**

Configure service principal names (SPNs) for the application pool account of the web application

From Active Directory Users and Computers, configure service delegation for the application pool account

From Central Administration, change the claims authentication type from NTLM to **Negotiate (Kerberos)** for the web application

Create and publish the Azure AD Application Proxy and set Single Sign-on Mode to **Integrated Windows Authentication**

Install the Azure AD Application Proxy connector

Explanation:

References:

<https://blogs.msdn.microsoft.com/kaevans/2015/04/13/azure-ad-application-proxy-and-sharepoint-2013/>

Question 17

Your company has a SharePoint Server farm.

Each department at the company has an associated Active Directory group.

You plan to deploy a Business Connectivity Services (BCS) solution for all the users in the human resources (HR) department. BCS will connect to a Microsoft SQL Server named SQL1. SQL1 uses SQL Server Authentication.

You need to ensure that BCS can access SQL1. Authentication credentials and connection information must be encrypted.

What should you do?

- ☐ Create a target application that uses a Target Application Type of Group Ticket.
- ☐ Add a new field named ConnectionString and set the field type to PIN.
- ☐ Set the credentials for the target application.
- ☒ Create a target application that uses a Target Application Type of Group.
- ☒ Add a new field named ConnectionString and set the field type to Generic.
- ☒ Set the credentials for the target application.
- ☐ Create a target application that uses a Target Application Type of Individual Ticket.
- ☐ Add a new field named ConnectionString and set the field type to Key.
- ☐ Set the credentials for the target application.
- ☐ Create a target application that uses a Target Application Type of Individual.
- ☐ Add a new field named ConnectionString and set the field type to PIN.
- ☐ Set the credentials for the target application.

Question 18

DRAG DROP

You have a SharePoint Server farm. The farm contains a site collection named HRSite. HRSite contains a root site and a site named JobPosts.

Two users named User1 and User2 plan to create search result sources for different file shares.

You need to grant permission to User1 and User2 to meet the following requirements:

User1 can create result sources in all the sites in HRSite.

User2 can create result sources in the JobPosts site,

The solution must use the principle of least privilege.

To which group should you add each user? To answer, drag the appropriate groups to the correct users. Each group may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Groups**Answer Area**

Hierarchy Managers
Search Service Application administrator
SharePoint administrators
Site collection administrator
Site owner

User1:	
User2:	

Solution:

Groups**Answer Area**

Hierarchy Managers
Search Service Application administrator
SharePoint administrators
Site collection administrator
Site owner

User1:	Site collection administrator
User2:	Site owner

Explanation:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/search/configure-result-sources-for-search>

Question 19

You have a SharePoint Server farm.

The root site collection has a URL of <http://sharepoint.contoso.com>.

You install and configure Workflow Manager on a server that has an FQDN on workflow.contoso.com.

Workflow administrators report that they cannot create SharePoint 2013 workflows from SharePoint Designer in <http://sharepoint.contoso.com>.

You need to ensure that the workflow administrators can create SharePoint 2013 workflows.

Which command should you run?

- ☐ Set-SPWorkflowConfig –webapplication
- ☐ <http://sharepoint.contoso.com> DeclarativeWorkflowsEnabled \$true
- ☐ New-SPWorkManagementServiceApplicationProxy –name
- ☐ 'Work Management Service Application Proxy' –ServiceApplication \$sa
- ☐ New-SPWorkManagementServiceApplication –Name
- ☐ 'Work Management Service Application' –ApplicationPool
- ☐ 'SharePoint Web Services Default'
- ☒ Register-SPWorkflowService –SPSite <http://sharepoint.contoso.com>
- ☒ – Allow0AuthHttp –WorkflowHostUrl <http://workflow.contoso.com:12291>
- ☒ –ScopeName SharePoint - Force

Question 20

DRAG DROP

You have a SharePoint Server farm.

You need to create a page that will display the 20 most recently modified documents from all the site collections in the farm. The results must be displayed in table format. The page must load as quickly as possible.

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

Actions**Answer Area**

Add a Content Search web part.

Add a Content Query web part.

Create a copy of ItemTemplate.html named DisplayTemplate.html. and implement the page design.

Create a new master page.

Publish DisplayTemplate.html.

**Solution:****Actions****Answer Area**

Add a Content Search web part.

Add a Content Query web part.

Create a copy of ItemTemplate.html named DisplayTemplate.html. and implement the page design.

Create a new master page.

Publish DisplayTemplate.html.

Add a Content Search web part.

Create a copy of ItemTemplate.html named DisplayTemplate.html. and implement the page design.

Publish DisplayTemplate.html.

**Explanation:****References:**

<https://docs.microsoft.com/en-us/sharepoint/dev/general-development/sharepoint-design-manager-display-templates>

Question 21

You have a SharePoint Server farm.

You need to ensure that only errors from SharePoint Server are logged in Event Viewer.

What should you configure from the Diagnostic Logging settings?

- ☐ usage and health data
- ☒ Event Throttling
- ☐ Event Log Flood Protection
- ☐ Restrict Trace Log disk space usage

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/administration/configure-diagnostic-logging>

Question 22

HOTSPOT

You have a SharePoint team site.

You open the Site Settings and discover that the Navigation settings are missing.

You need to configure site navigation to use a term set.

Which two features should you activate? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Site collection feature:

	▼
Cross-Site Collection Publishing	
SharePoint Server Enterprise Site Collection features	
SharePoint Server Publishing Infrastructure	

Site feature:

	▼
Metadata Navigation and Filtering	
Minimal Download Strategy	
SharePoint Server Publishing	
SharePoint Server Standard Site features	

Solution:

Answer Area

Site collection feature:

	▼
Cross-Site Collection Publishing	
SharePoint Server Enterprise Site Collection features	
SharePoint Server Publishing Infrastructure	

Site feature:

	▼
Metadata Navigation and Filtering	
Minimal Download Strategy	
SharePoint Server Publishing	
SharePoint Server Standard Site features	

Question 23

DRAG DROP

You plan to deploy a Business Connectivity Services (BCS) solution.

You identify the security requirements shown in the following table.

User name	Requirement
Admin1	Manage the BCS service.
Admin2	Manage te BCS solution.

You need to configure permissions for BCS. The solution must use the principle of least privilege.

For which object should you grant permissions to each user? To answer, drag the appropriate objects to the correct users. Each object 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.

NOTE: Each correct selection is worth one point.

Objects

BDC Model

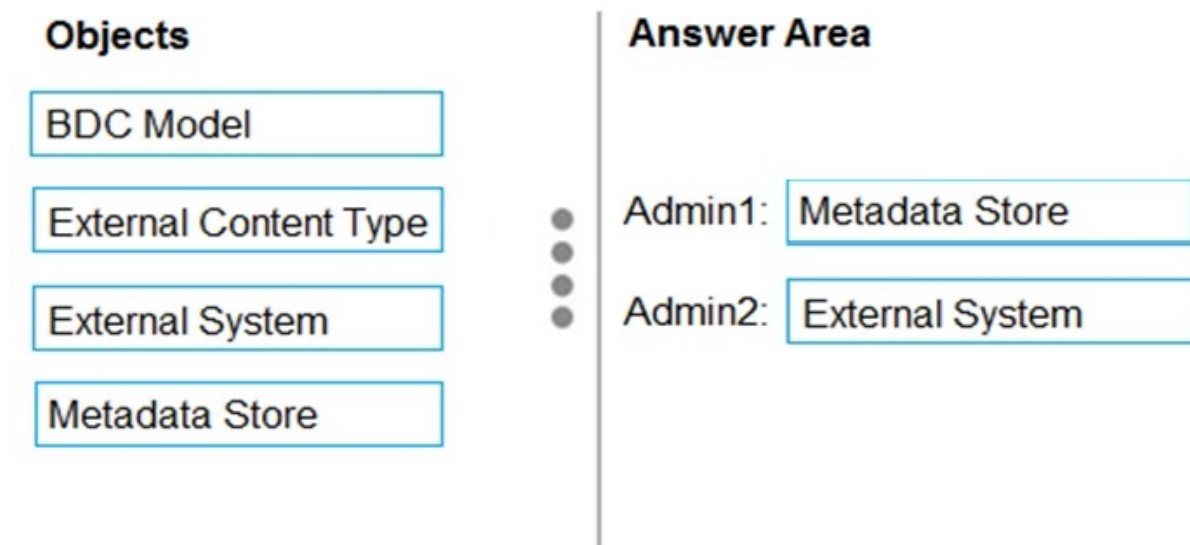
External Content Type

External System

Metadata Store

Answer AreaAdmin1: Admin2:

Solution:



Question 24

You are configuring four servers in a small SharePoint Server farm.

You plan to provide minimum high availability by using the MinRole topology.

You need to configure roles for the SharePoint servers.

Which two roles should you configure? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Distributed Cache
- ☐ Application
- ☒ Application with Search
- ☒ Front-end with Distributed Cache
- ☐ Front-end

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/install/planning-for-a-minrole-server-deployment-in-sharepoint-server>

Question 25

You have a SharePoint Server farm that contains a term store.

The root site collection users a URL of <https://contoso.com/>.

You need to find all the terms used by the root site collection.

Which URL should you use?

- ☐ https://contoso.com/_layouts/15/termstoremanager.aspx
- ☐ https://contoso.com/_layouts/15/contenttypesyndicationhubs.aspx
- ☐ https://contoso.com/_layouts/15/auditsettings.aspx
- ☒ <https://contoso.com/lists/taxonomyhiddenlist/allitems.aspx>

Question 26

You have a SharePoint Server farm.

You have a term set named Departments.

You need to promote Departments to be used for managed navigation.

Which setting should you modify from the Terms Store Management Tool?

- ☐ Custom Properties
- ☐ Custom Sort
- ☒ Intended Use
- ☐ General

Question 27

DRAG DROP

You are configuring a highly available search farm.

You have an existing Search Service Application that has a large search index.

You discover that the index storage drive is almost full.

You add two additional servers to the farm.

You need to add an additional index partition to the new servers.

Which four actions you should 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

Pause the Search Service Application by using the `PauseForIndexRepartitioning()` method.

Create a new search topology.

Clone the search topology and add the two index components to the topology.

Resume the Search Service Application by using the `Resume()` method.

Resume the Search Service Application by using the `ResumeAfterIndexRepartitioning()` method.

Pause the Search Service Application by using the `Pause()` method.

Activate the cloned topology.

Answer Area



Solution:**Actions**

Pause the Search Service Application by using the `PauseForIndexRepartitioning()` method.

Create a new search topology.

Clone the search topology and add the two index components to the topology.

Resume the Search Service Application by using the `Resume()` method.

Resume the Search Service Application by using the `ResumeAfterIndexRepartitioning()` method.

Pause the Search Service Application by using the `Pause()` method.

Activate the cloned topology.

Answer Area

Clone the search topology and add the two index components to the topology.

Activate the cloned topology.

Pause the Search Service Application by using the `PauseForIndexRepartitioning()` method.

Resume the Search Service Application by using the `Resume()` method.

Explanation:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/search/manage-the-index-component>

Question 28

You have a SharePoint Server farm.

You have a document library that stores contracts.

You need to ensure that any changes to the documents in the library can be tracked.

What should you use?

- ☒ an information management policy
- ☐ site policies
- ☐ a data loss prevention (DLP) policy
- ☐ an Information Rights Management (IRM) policy

Explanation:

References:

<https://support.office.com/en-gb/article/create-and-apply-information-management-policies-e501fe9-2ef6-4150-945a-65a6451ee9e9>

Question 29

You have a SharePoint Server farm.

You plan to use a Managed Metadata Service application.

You need to disable folksonomy.

Which option should you disable from the Managed Metadata Service Connection properties?

- ☐ This service application is the default storage location for column specific term sets.
- ☐ Push-down Content Type Publishing updates from the Content Type Gallery to sub-sites and lists using the content type.
- ☐ Consumes content types from the Content Type Gallery.
- ☒ This service application is the default storage location for Keywords.

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/governance/configure-the-managed-metadata-service>

Question 30

You have a SharePoint Server farm.

You have an OData service that uses OAuth authentication.

You need to create an external content type that will access the OData service.

Which type of data source should you use?

- ☒ REST Service Connection
- ☐ Database Connection
- ☐ XML File Connection
- ☐ SOAP Service Connection

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/dev/general-development/using-odata-sources-with-business-connectivity-services-in-sharepoint>

Question 31

You have a SharePoint Server farm.

You need to ensure that a user named User1 can apply style sheets and override list behaviors. The solution must use the principle of least privilege.

Which permission best achieves the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- ☐ Edit
- ☐ Full Control
- ☒ Design
- ☐ Limited Access

Question 32

You are planning the backup strategy for a SharePoint Server farm.

You need to back up content databases automatically every week. The solution must minimize the backup size.

What should you do?

- ☒ Create a scheduled task that runs Backup-SPFarm
- ☐ Create a scheduled task that runs wbadmin.exe
- ☐ From Windows Server Backup, create a backup schedule that performs a full server backup
- ☐ From Windows Server Backup, create a backup schedule that performs a custom backup
- ☐ Create a scheduled task that runs Backup-SPSite
- ☐ From Backup and Restore in Central Administration, configure a farm backup.

Explanation:

References:

<https://blogs.technet.microsoft.com/meamcs/2013/02/23/sharepoint-2013-backup-with-powershell-and-task-scheduler-for-beginners/>

Question 33

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an on-premises SharePoint Server 2019 farm that is configured to import user profiles from Active Directory by using SharePoint Active Directory import (AD import).

You need to prevent all disabled users from being imported into SharePoint user profiles.

Solution: From the Profile Import Connection page, you add connection filters.

Does this meet the goal?

- ☒ Yes
☐ No

Explanation:

References:

<https://www.sharepoint-journey.com/Filter-disabled-user-accounts-from-AD-to-SharePoint.html>

Question 34

You have a SharePoint Server farm.

You create a Managed Metadata Service application.

You plan to create site columns and site content types that will be used by all the site collections.

You need to publish the site columns and the site content types to the site collections.

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

NOTE: Each correct selection is worth one point.

- ☒ Configure the properties of the Managed Metadata Service application.
☒ Activate Content Type Syndication Hub for a site collection.
☒ Configure the connection properties of the Managed Metadata Service application.
☐ Activate Cross-Site Collection Publishing.
☐ Activate Content Deployment Source feature.

Explanation:

Reference:

<https://www.c-sharpcorner.com/article/how-to-create-and-use-content-type-hub-in-sharepoint/>

Question 35

You have a SharePoint Server farm and a Microsoft Exchange Server organization. SharePoint Server crawls Exchange Server content.

You create a new result source that uses the Exchange Server protocol.

You need to ensure that users can search the Exchange Server content.

What should you create?

- ☐ a custom search result type
- ☐ an additional index partition
- ☐ a Search Center
- ☒ an eDiscovery Center

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/search/configure-result-sources-for-search>

Question 36

You have a SharePoint Server farm.

You have the following three types of document libraries: expense reports, purchase orders, and invoices. Each document in the libraries has an associated project code and cost center.

You need to ensure that when users check in expense reports, purchase orders, and invoices, the documents are associated to a project code and a cost center. The project code and cost center must be in a consistent format across all the document libraries. The solution must minimize administrative effort.

What should you include in the solution?

- ☒ managed properties
- ☐ site content types
- ☐ site columns
- ☐ site templates

Question 37

Your company has a security policy requiring that all service account passwords be changed every 90 days.

You need to enforce the policy by using the minimum amount of effort.

What should you do?

- ☐ Create a scheduled task that runs the Set-ADAccountPassword cmdlet.
- ☐ Create a Password Settings object (PSO) in Active Directory.
- ☒ Register managed accounts in Central Administration.
- ☐ Run the Set-ADServiceAccount cmdlet.

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/administration/configure-automatic-password-change>

Question 38

DRAG DROP

You have a SharePoint Server farm.

You create a web application that has a URL of <https://portal.contoso.com> and a root site collection.

You need to ensure that site collection administrators can create new site collections directly from the root site. The new sites must use the modern user interface.

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
Select Show the Create site command		
Set the When users select the Create site command, create setting to Show the Subsite command for all sites	> <	⬆ ⬇
Set the When users select the Create site command, create setting to A new team site or communication site		
Modify the General Settings of the web application		
Enable self-service site creation for the web application of the portal		
Assign the Full Control permission policy for the web application of the portal to the site collection administrators		

Solution:

Actions		Answer Area
Select Show the Create site command		Modify the General Settings of the web application
Set the When users select the Create site command, create setting to Show the Subsite command for all sites	> <	Select Show the Create site command
Set the When users select the Create site command, create setting to A new team site or communication site		Set the When users select the Create site command, create setting to A new team site or communication site
Modify the General Settings of the web application		
Enable self-service site creation for the web application of the portal		
Assign the Full Control permission policy for the web application of the portal to the site collection administrators		

Question 39

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

A user attempts to create a site column named RequestType that uses a managed metadata term set named RequestTypes as metadata. The user reports that Allow 'Fill-in' choices are set to No, and the option cannot be configured.

You need to ensure that the user can set Allow 'Fill-in' choices to Yes.

Solution: From Intended Use, you clear Available for Tagging.

Does this meet the goal?

- ☐ Yes
☒ No

Question 40

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

A user attempts to create a site column named RequestType that uses a managed metadata term set named RequestTypes as metadata. The user reports that Allow 'Fill-in' choices are set to No, and the option cannot be configured.

You need to ensure that the user can set Allow 'Fill-in' choices to Yes.

Solution: You add the user as a term set Group Manager.

Does this meet the goal?

- ☒ Yes
- ☐ No

Question 41

You plan to deploy the following three SharePoint Server farms: a content farm, a services farm, and a search farm.

Which two roles are required in the services farm? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☒ Application
- ☐ Front-end
- ☐ Search
- ☒ Distributed Cache

Question 42

You have a SharePoint Server farm.

You create an external content type that exposes data from a Microsoft SQL Server database.

You need to ensure that a user can access the data exposed by the type.

What should you do?

- ☐ Assign the user the db_datawriter role for the database.
- ☐ Assign the user the db_datareader role for the database.
- ☒ Grant the user the Execute permission for the type.
- ☐ Grant the user the Edit permission for the type.

Question 43

HOTSPOT

Your network contains multiple VLANs.

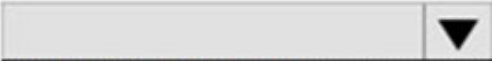
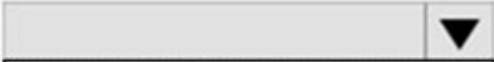
You have a SharePoint Server 2019 farm that contains a Microsoft SQL Server Always On availability group. Each SQL Server instance is in a separate VLAN.

You need to modify the database replication settings for the SQL Server instances to minimize network latency.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

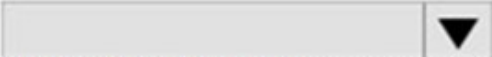
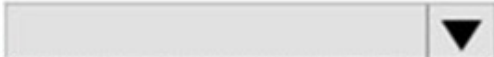
NOTE: Each correct selection is worth one point.

Answer Area

```
$a =   
    Get-SPDatabase  
    Get-SPContentDatabase  
    Get-SPDataConnection  
foreach ($b in $a)  
{  
    $b.  = $true  
        AvailabilityGroup  
        MultiSubnetFailover  
        FailoverServiceInstance  
    $b.Update()  
}
```

Solution:

Answer Area

```
$a = 
    Get-SPDatabase
    Get-SPContentDatabase
    Get-SPDataConnection
foreach ($b in $a)
{
    $b.  = $true
        AvailabilityGroup
        MultiSubnetFailover
        FailoverServiceInstance
    $b.Update()
}
```

Question 44

You have a SharePoint Server farm.

You have document libraries that contain multiple content types.

You need to replicate the content types to SharePoint Online.

Which PowerShell cmdlet should you run?

- ☐ Copy-SPTaxonomyGroups
- ☐ Start-SPOSiteContentMove
- ☐ Copy-SPSideBySideFiles
- ☐ Start-SPContentDeploymentJob
- ☒ Copy-SPContentTypes

Explanation:

References:

<https://docs.microsoft.com/en-us/powershell/module/sharepoint-server/copy-spcontenttypes?view=sharepoint-ps>

Question 45

DRAG DROP

You have a SharePoint Server 2019 farm. The servers are configured as shown in the following table.

Name	Role	Memory
Server1, Server2	Web Front End	12 GB
Server3, Server4	Distributed Cache	8 GB
Server5, Server6	Search	64 GB
Server7, Server8	Application	64 GB

You recently added 32 GB of RAM to each Distributed Cache server.

You discover that the Distributed Cache servers only use 3 GB of memory.

You need to ensure that the Distributed Cache servers use more than 8 GB of memory for site feeds.

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

From Server3 and Server4, run Add-SPDistributedCacheServiceInstance.

From Server3 and Server4, stop the Distributed Cache service.

From Server3, and Server4, run Remove-SPDistributedCacheServiceInstance

From Server3 and Server4, start the Distributed Cache service.

From Server1, run Update-SPDistributedCacheSize-CacheSize 16384

From Server5 and Server6, run Add-SPDistributedCacheServiceInstance.

Answer Area

Solution:

Actions

From Server3 and Server4, run Add-SPDistributedCacheServiceInstance.

From Server3 and Server4, stop the Distributed Cache service.

From Server3, and Server4, run Remove-SPDistributedCacheServiceInstance

From Server3 and Server4, start the Distributed Cache service.

From Server1, run Update-SPDistributedCacheSize-CacheSize 16384

From Server5 and Server6, run Add-SPDistributedCacheServiceInstance.

Answer Area

From Server3 and Server4, stop the Distributed Cache service.

From Server1, run Update-SPDistributedCacheSize-CacheSize 16384

From Server3 and Server4, start the Distributed Cache service.



Explanation:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/administration/manage-the-distributed-cache-service#change-the-memory-allocation-of-the-distributed-cache-service>

Question 46

You have a SharePoint Server farm that contains a Secure Store Service application and a Business Data Connectivity (BDC) service application. You have a site named Marketing that is used by all the users in the marketing department.

You have an OData service named Service1 that is used only by the users in the marketing department. Service1 requires authentication. The identity used to access Service1 is managed by Service1.

You need to ensure that users can create a list in SharePoint Server that accesses data from Service1.

What should you create first?

- ☒ a target application that uses a Target Application Type of Group
- ☐ a target application that uses a Target Application Type of Individual
- ☐ a trusted identity provider that uses SAML
- ☐ a trusted identity provider that uses claims-based authentication

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/create-or-edit-secure-store-target-application>

<https://docs.microsoft.com/en-us/sharepoint/administration/configure-the-secure-store-service>

Question 47

You have a SharePoint Server 2019 farm. The farm contains several Microsoft Office documents. All the documents have a property named Division that is populated automatically based on the document's author.

You create a text managed property that is retrievable and queryable, and you map the managed property to the Division property.

You need to find only the documents that have the Division property set to Legal.

For what should you search?

- ☒ Division=Legal
- ☐ "Legal"
- ☐ Division:Legal
- ☐ Legal ONLY

Question 48

You create a new color palette and font schemes.

You need to use the new palette and schemes to customize your SharePoint Server environment.

Where should you add the files you created?

- ☐ Style Library
- ☐ Managed Solutions Gallery
- ☒ Theme Gallery
- ☐ Master Page Gallery

Question 49

HOTSPOT

Your company has a SharePoint Server farm.

The human resources (HR) department at the company has a site that has a URL of `http://contoso.com/hr`.

You need to back up the HR department site every eight hours by using PowerShell. The backup must complete as quickly as possible.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

▼ Backup-SPFarm Copy-Item Copy-SPSite Export-SPWeb	<code>http://contoso.com/hr -Path d:\backup</code>	▼ -NoFileCompression -PreserveSiteId -RetainPermissions	▼ -NoLogFile -SkipPolicies -TargetUrl http://site
---	--	---	---

Solution:

Answer Area

▼ Backup-SPFarm Copy-Item Copy-SPSite Export-SPWeb	<code>http://contoso.com/hr -Path d:\backup</code>	▼ -NoFileCompression -PreserveSiteId -RetainPermissions	▼ -NoLogFile -SkipPolicies -TargetUrl http://site
---	--	---	---

Question 50

You have a SharePoint Server farm.

You have several document libraries that contain AutoCAD files.

You discover that search results never return any of the AutoCAD files.

You need to crawl the AutoCAD files.

Which cmdlet should you run?

- ☐ Set-SPEnterpriseSearchFileFormatState
- ☒ New-SPEnterpriseSearchfileFormat
- ☐ Set-EnterpriseSearchResultItemType
- ☐ Add-FASTSearchResource

Question 51

DRAG DROP

You plan to upgrade a SharePoint Server 2016 farm to SharePoint Server 2019.

You deploy SharePoint Server 2019 and you create a new farm.

You need to complete the upgrade to SharePoint Server 2019.

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
Back up all the web servers and application servers		
Configure service applications		
Attach the content databases	➤	⬆
Restore all the web servers and application servers	⬅	⬇
Create new web applications		
Set the content databases to read-only mode		
Back up the content databases, restore the databases, and then disable read-only mode		

Solution:

Actions	Answer Area
Back up all the web servers and application servers	Set the content databases to read-only mode
Configure service applications	Back up the content databases, restore the databases, and then disable read-only mode
Attach the content databases	Configure service applications
Restore all the web servers and application servers	Create new web applications
Create new web applications	Attach the content databases
Set the content databases to read-only mode	
Back up the content databases, restore the databases, and then disable read-only mode	

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/upgrade-and-update/overview-of-the-upgrade-process-2019>

Question 52

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an on-premises SharePoint Server 2019 farm that is configured to import user profiles from Active Directory by using SharePoint Active Directory import (AD import).

You need to prevent all disabled users from being imported into SharePoint user profiles.

Solution: From Configure Synchronization Settings, you select Enable External Identity Manager.

Does this meet the goal?

- ☐ Yes
☒ No

Question 53

You have a SharePoint Server farm that has one web application. The web application contains one site collection. The site collection contains one site.

You need to enable managed navigation.

What should you do?

- ☐ From Site Features, activate SharePoint Server Enterprise Site features.
- ☐ From Site Collection Features, activate SharePoint Server Enterprise Site Collection features.
- ☒ From Site Features, activate SharePoint Server Publishing.
- ☐ From Site Collection Features, activate SharePoint Server Publishing Infrastructure.

Explanation:

References:

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

Question 54

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

A user attempts to create a site column named RequestType that uses a managed metadata term set named RequestTypes as metadata. The user reports that Allow 'Fill-in' choices are set to No, and the option cannot be configured.

You need to ensure that the user can set Allow 'Fill-in' choices to Yes.

Solution: You add the user as a term set stakeholder.

Does this meet the goal?

- ☐ Yes
- ☒ No

Question 55

Your company has a SharePoint Server farm. All servers are virtualized on a Hyper-V host. The company has a single data center.

You need to design a disaster recovery solution. The solution must meet the following requirements:

If the data center fails, SharePoint Server services must be recoverable within 24 hours.

Up to one hour of data can be lost.

Costs must be minimized during normal operations.

Which technology best meets the requirements? More than one answer choice may achieve the goal.

- ☐ Hyper-V synchronous replication
- ☐ the OneDrive sync client
- ☐ the SharePoint Migration Tool
- ☒ Azure Site Recovery

Question 56

DRAG DROP

You have a SharePoint Server farm that supports 30,000 users. The farm contains the servers shown in the following table.

Name	Configuration
WFE1, WFE2	Front-end server (load-balanced)
App1, App2	Application server
Search1, Search2	Search server
DC1, DC2	Distributed cache server
SQL1, SQL2	Microsoft SQL Server cluster

You plan to install a cumulative update (CU) in the farm. All patch files are downloaded and available on a network share.

You need to install the CU without causing any downtime.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Install the patch files on App1, Search1, and DC1. Install the CU on App2, Search2, and DC2.

Remove WFE1 from the load balancer, install the patch files, restart WFE1, and then add WFE1 to the load balancer. Repeat the process for WFE2.

Enable the side-by-side file copy process by using PowerShell.

Remove WFE1 from the load balancer, run `psconfig.exe`, and then add WFE1 to the load balancer. Repeat the process for WFE2.

Run `psconfig.exe` on App1, Search1, and DC1, and then run `psconfig.exe` on App2, Search2, and DC2.

Answer Area



Solution:**Actions**

Install the patch files on App1, Search1, and DC1. Install the CU on App2, Search2, and DC2.

Remove WFE1 from the load balancer, install the patch files, restart WFE1, and then add WFE1 to the load balancer. Repeat the process for WFE2.

Enable the side-by-side file copy process by using PowerShell.

Remove WFE1 from the load balancer, run `psconfig.exe`, and then add WFE1 to the load balancer. Repeat the process for WFE2.

Run `psconfig.exe` on App1, Search1, and DC1, and then run `psconfig.exe` on App2, Search2, and DC2.

Answer Area

Enable the side-by-side file copy process by using PowerShell.

Remove WFE1 from the load balancer, install the patch files, restart WFE1, and then add WFE1 to the load balancer. Repeat the process for WFE2.



Install the patch files on App1, Search1, and DC1. Install the CU on App2, Search2, and DC2.



Remove WFE1 from the load balancer, run `psconfig.exe`, and then add WFE1 to the load balancer. Repeat the process for WFE2.

Run `psconfig.exe` on App1, Search1, and DC1, and then run `psconfig.exe` on App2, Search2, and DC2.

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/upgrade-and-update/sharepoint-server-2016-zero-downtime-patching-steps>

Question 57

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an on-premises SharePoint Server 2019 farm that is configured to import user profiles from Active Directory by using SharePoint Active Directory import (AD import).

You need to prevent all disabled users from being imported into SharePoint user profiles.

Solution: From the Profile Import Connection page, you modify the profile import connection.

Does this meet the goal?

- ☐ Yes
☒ No

Question 58

Your company has a SharePoint Server farm.

The company has a partner company that uses Microsoft 365.

You need to provide the users at the partner company with access to sites in the farm.

Which authentication method should you use?

- ☐ forms authentication
- ☐ Windows authentication
- ☒ SAML token-based authentication
- ☐ classic mode authentication
- ☐ claims-based authentication

Question 59

You have a SharePoint Server farm that is configured for Reporting Services integration mode.

You have a Microsoft SQL Server Reporting Services (SSRS) report on a SQL server that uses only Windows authentication.

You need to ensure that the farm can access the SSRS report.

What should you configure?

- ☐ Microsoft Identity Manager (MIM)
- ☐ Security Token Service
- ☒ Claims to Windows Token Service
- ☐ Active Directory Federation Services (AD FS)

Question 60

You have a SharePoint Server farm.

You configure the User Profile service.

You add a new attribute mapping for users.

The users report they cannot see the new attribute in their profile.

You need to ensure that the new attribute is displayed for all users as quickly as possible.

What should you run?

- ☒ a full profile synchronization
- ☐ a full crawl
- ☐ an incremental profile synchronization
- ☐ an incremental crawl

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/administration/start-profile-synchronization-manually>

Question 61

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You create an external content type named ECT1 for a Microsoft SQL Server database.

You implement cloud hybrid search.

You create a Line of Business Data content source and run a full crawl.

Users in SharePoint Online report that the search results do not contain any data from ECT1.

You need to ensure that searches can return data from ECT1.

Solution: You grant the Default content access account Read permissions to the Central Administration web application.

Does this meet the goal?

- ☐ Yes
- ☒ No

Question 62

DRAG DROP

You plan a SharePoint Server farm. The farm contains a web application that has a URL of <https://portal.contoso.com>.

Users use smart cards to sign in to domain-joined computers.

You need to configure SharePoint Server to support smart card authentication.

Which four actions 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
Create a relying party that uses SAML 2.0 Web SSO and export the token-signing certificate.		
Create a relying party that uses WS-Federation and export the token-signing certificate.		
Deploy Active Directory Federation Services (AD FS) and set <code>localAuthenticationTypes</code> to <code>Forms</code> in <code>Web.config</code> .	➤	⬆
Deploy Active Directory Federation Services (AD FS) and set <code>localAuthenticationTypes</code> to <code>TlsClient</code> in <code>Web.config</code> .	➤	⬇
Associate the web application of the portal to <code>SPTrustedIdentityTokenIssuer</code> .		
Import the token-signing certificate to SharePoint Server and create a new <code>SPTrustedIdentityTokenIssuer</code> .		

Solution:**Actions**

Create a relying party that uses SAML 2.0 Web SSO and export the token-signing certificate.

Create a relying party that uses WS-Federation and export the token-signing certificate.

Deploy Active Directory Federation Services (AD FS) and set `localAuthenticationTypes` to `Forms` in `Web.config`.

Deploy Active Directory Federation Services (AD FS) and set `localAuthenticationTypes` to `TlsClient` in `Web.config`.

Associate the web application of the portal to `SPTrustedIdentityTokenIssuer`.

Import the token-signing certificate to SharePoint Server and create a new `SPTrustedIdentityTokenIssuer`.

Answer Area

Deploy Active Directory Federation Services (AD FS) and set `localAuthenticationTypes` to `TlsClient` in `Web.config`.

Create a relying party that uses SAML 2.0 Web SSO and export the token-signing certificate.

Import the token-signing certificate to SharePoint Server and create a new `SPTrustedIdentityTokenIssuer`.

Associate the web application of the portal to `SPTrustedIdentityTokenIssuer`.

Question 63

You have a SharePoint Server farm.

You need to ensure that a group named Group1 can create and edit term set hierarchies in a term set group named TermGroup1. The solution must use the principle of least privilege.

What is the best role to assign to Group1 to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- ☐ Term Store Administrators
- ☐ Stakeholders for TermGroup1
- ☐ Owner for TermGroup1
- ☐ Group Managers for TermGroup1
- ☒ Contributors for TermGroup1

Question 64

HOTSPOT

You have a SharePoint Server farm.

You need to configure the farm to support adding links to the app launcher.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

`Enable-SPFeature -Identity` ▼ `-Url http://web_app`
AlertsMaximumQuerySet
CustomTiles
CustomTilesListHostUrl
PublishingSite
PublishingWeb

`$w =` ▼ `http://web_app`
Get-SPSite
Get-SPWeb
Get-SPWebApplication

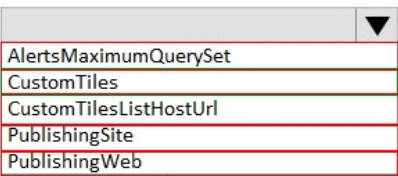
`$w.Properties.` ▼ `= http://web_app`
AlertsMaximumQuerySet
CustomTiles
CustomTilesListHostUrl
PublishingSite
PublishingWeb

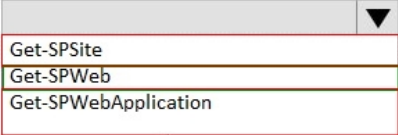
`$w.Update()`

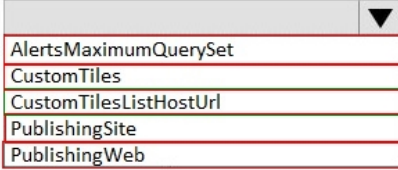
Solution:

Answer Area

```

Enable-SPFeature -Identity  -Url http://web_app

$w =  http://web_app

$w.Properties.  = http://web_app

$w.Update()

```

Explanation:

References:

<https://www.capitolpresence.com/custom-tiles-in-sharepoint-server-2016/>

Question 65

You have a SharePoint Server farm.

You are troubleshooting Kerberos authentication for the farm.

You need to view the Kerberos tickets issued to the server.

What should you run?

- ☒ the klist.exe command
- ☐ the stsadm.exe command
- ☐ the Get-SPAuthenticationRealm cmdlet
- ☐ the Get-SPAppAcquisitionConfiguration cmdlet

Question 66

HOTSPOT

Your company named Litware, Inc. has a SharePoint Server 2019 farm.

Litware acquires a company named Contoso, Ltd.

You deploy Active Directory Federation Services (AD FS) authentication for users at Contoso to access SharePoint sites. You also deploy a web app named App1.

You need to ensure that the Contoso users can authenticate to App1 by using AD FS. Users at Litware must continue to authenticate by using the default authentication.

Which script should you run to configure the required authentication settings? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
$webApp = Get-SPWebApplication https://WebAppurl
$LitwareUsers =
```

Get-SPAAuthenticationProvider New-SPAAuthenticationProvider New-SPTrustedServiceTokenIssuer	-	UseBasicAuthentication Trustedidentity TokenIssuer UseWindowsIntegratedAuthentication
---	---	---

```
$ContosoUsers = Get-SPTrustedIdentityTokenIssuer "YourSTS"
```

Get-SPWebApplication New-SPWebApplication Set-SPWebApplication	-Identity \$webApp -AuthenticationProvier \$ContosoUsers, \$LiwareUsers -Zone "Default"
--	--

Solution:

Answer Area

```
$webApp = Get-SPWebApplication https://WebAppurl
$LitwareUsers =
```

Get-SPAAuthenticationProvider New-SPAAuthenticationProvider New-SPTrustedServiceTokenIssuer	-	UseBasicAuthentication Trustedidentity TokenIssuer UseWindowsIntegratedAuthentication
---	---	---

```
$ContosoUsers = Get-SPTrustedIdentityTokenIssuer "YourSTS"
```

Get-SPWebApplication New-SPWebApplication Set-SPWebApplication	-Identity \$webApp -AuthenticationProvier \$ContosoUsers, \$LiwareUsers -Zone "Default"
--	--

Question 67

HOTSPOT

Your company has a SharePoint Server farm.

You are planning the authentication methods for internal users, users at a partner company, and individual external researchers.

The company does NOT manage the identities of the partner company users and the external researchers.

You need to configure authentication for the internal users, partner company users, and external researchers.

Which authentication method should you configure for each type of user? To answer, select the appropriate options in the answer area.

Answer Area

Internal users:

▼

Forms authentication
SAML authentication with Active Directory Federation Services (AD FS)
Windows authentication

External researchers:

▼

Forms authentication
SAML authentication with Windows Live ID
Windows authentication

Partner company users:

▼

Forms authentication
SAML authentication with Active Directory Federation Services (AD FS)
Windows authentication

Solution:

Answer Area

Internal users:

	▼
Forms authentication	
SAML authentication with Active Directory Federation Services (AD FS)	
Windows authentication	

External researchers:

	▼
Forms authentication	
SAML authentication with Windows Live ID	
Windows authentication	

Partner company users:

	▼
Forms authentication	
SAML authentication with Active Directory Federation Services (AD FS)	
Windows authentication	

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/security-for-sharepoint-server/plan-user-authentication>

Configure and Manage Hybrid Scenarios

Case Study (6 questions)

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview

Contoso, Ltd. is an international pharmaceutical company that has 60,000 users. Contoso has sales, marketing, research, and human resources (HR) departments.

Existing Environment

Productivity Environment

Contoso recently installed a highly available SharePoint Server farm that has Office Server deployed.

Microsoft OneDrive for Business in SharePoint Server is deployed to 10,000 users.

All user accounts are currently stored in an Active Directory Domain Services (AD DS) environment. Each user account has a profile picture in Active Directory.

You recently purchased a SharePoint Online subscription. A small number of users currently use SharePoint Online by using cloud identities.

The root site collection of the farm has a URL of <https://portal.contoso.com>.

Tens of thousands of documents are added to the farm daily.

The farm contains the servers shown in the following table.

Configuration	Number of servers
Front-end server	4
Application server	2
Search server	2
Distributed cache server	2
Microsoft SQL Server	2
Office Online Server	2

Current

Business Model

Contoso has the following business model:

Users in the research department apply hundreds of terms and keywords as metadata in document libraries.

The marketing department maintains an external database to store customer information. The information is available in some SharePoint lists and libraries as metadata by using external content types.

Problem Statements

Contoso identifies the following issues:

Users report that it takes a long time for new documents to appear in search results and the SharePoint sites are slow to load.

Users in SharePoint Online cannot tag documents by using the terms and keywords available in SharePoint Server on-premises.

Users report that data refresh in Microsoft Excel Online and the Excel Web Access web part fail to work.

Requirements

Business Goals

Contoso wants to provide seamless, streamlined access to business information, while maintaining appropriate security for employees and contractors.

Technical Requirements

Contoso identifies the following technical requirements:

Add a picture to the user profile page of each user.

Resolve the Excel Online issues and enable Excel data refresh.

Deploy hybrid OneDrive for Business to the remaining 50,000 users.

Prevent solutions from affecting the performance of existing services.

Improve search indexing and response times of the existing SharePoint sites.

Ensure that solutions use the principle of least privilege whenever possible.

Migrate the terms and keywords from SharePoint Server on-premises to SharePoint Online.

Configure Microsoft Office 365 for SharePoint hybrid and provide a single sign-on (SSO) experience.

Configure the permissions for the external content types of the marketing department to meet the following requirements:

Users in the HR department must be able to see customer data.

Users in the research department must be able to read and write data.

Contractors must be able to see data directly from Office applications.
Ensure that on-premises data from SQL Server databases, SharePoint lists, and Oracle databases can be used to generate reports and dashboards in Microsoft Power BI.

Question 68

Where is the best location to deploy the On-premises data gateway? More than one answer choice may achieve the goal.

- ☒ on a new domain-joined server
- ☐ on a SharePoint front-end web server
- ☐ on a Microsoft Azure virtual machine
- ☐ on a SharePoint database server

Question 69

HOTSPOT

You need to meet the technical requirements for the external content types of the marketing department.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

HR department users:

▼

Edit
Execute
Selectable in Clients
Set Permissions

Research department users:

▼

Edit and Execute
Edit only
Execute and Selectable in Clients
Execute only
Set Permissions only

Contractors:

▼

Edit and Execute only
Execute and Selectable in Clients only
Execute, Edit, and Selectable In Clients
Selectable in Clients only

Solution:

Answer Area

HR department users:

	▼
Edit	
Execute	
Selectable in Clients	
Set Permissions	

Research department users:

	▼
Edit and Execute	
Edit only	
Execute and Selectable in Clients	
Execute only	
Set Permissions only	

Contractors:

	▼
Edit and Execute only	
Execute and Selectable in Clients only	
Execute, Edit, and Selectable In Clients	
Selectable in Clients only	

Question 70

HOTSPOT

You need to meet the data refresh requirements.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

\$F =

	▼
Get-SPFarm	
Get-SPFarmConfig	
Get-SPOTenant	
Get-SPSite	

\$F.Properties.Add("

	▼
WopiBinding	
WopiLegacySoapSupport	
WopiLicensing	

 ",

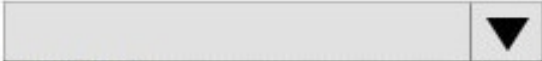
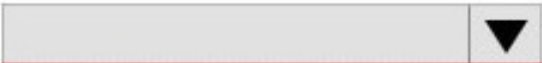
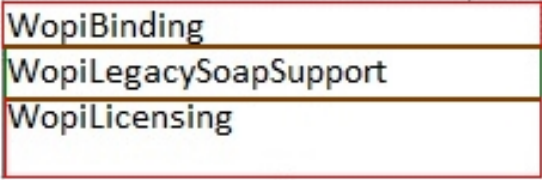
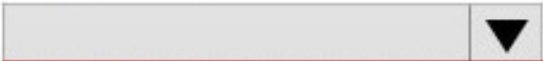
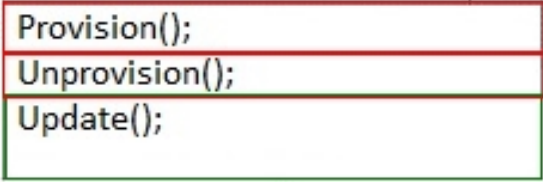
"<URL>/x/_vti_bin/ExcelServiceInternal.asmx");

\$F.

	▼
Provision();	
Unprovision();	
Update();	

Solution:

Answer Area

```
$F = 
  
  $F.Properties.Add("  ",
    
    "<URL>/x/_vti_bin/ExcelServiceInternal.asmx");
$F. 
  
```

Explanation:

References:

<https://whitepages.unlimitedviz.com/2016/01/adding-excel-services-capabilities-to-a-sharepoint-2016-farm/>

Question 71

You need to meet the technical requirements for search.

Which two types of components should you add to the farm? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ document processing components
- ☒ dedicated front-end crawl servers
- ☐ front-end load balancers
- ☐ database servers
- ☒ distributed cache servers

Question 72

DRAG DROP

You need to deploy hybrid OneDrive for Business to all the remaining users.

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

Actions		Answer Area
From the Configure hybrid OneDrive and Site features page, set the audience to Audience1 .	> < ↑ ↓	
Configure the My Site web application to use Secure Sockets Layer (SSL).		
Run the SharePoint Products Configuration Wizard.		
Create an audience named Audience1 from a User Profile service application.		
From the Configure hybrid OneDrive and Site features page, set hybrid features to None .		
From Central Administration, run the Hybrid Configuration Wizard. Select Hybrid OneDrive and Mysite creation default to OneDrive in O365 .		

Solution:**Actions**

From the Configure hybrid OneDrive and Site features page, set the audience to **Audience1**.

Configure the My Site web application to use Secure Sockets Layer (SSL).

Run the SharePoint Products Configuration Wizard.

Create an audience named Audience1 from a User Profile service application.

From the Configure hybrid OneDrive and Site features page, set hybrid features to **None**.

From Central Administration, run the Hybrid Configuration Wizard. Select **Hybrid OneDrive** and **Mysite creation default to OneDrive in O365**.

Answer Area

Create an audience named Audience1 from a User Profile service application.

From Central Administration, run the Hybrid Configuration Wizard. Select **Hybrid OneDrive** and **Mysite creation default to OneDrive in O365**.

From the Configure hybrid OneDrive and Site features page, set the audience to **Audience1**.

Question 73

HOTSPOT

You need to meet the technical requirements for the research department term sets.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

▼	▼	"Managed Metadata Service"
Copy-SPActivitiesToWorkflowService Copy-SPBusinessDataCatalogAcToChildren Copy-SPContentTypes Copy-SPSideBySideFiles Copy-SPTaxonomyGroups	-GraphApiEndpoint -LocalSiteUrl -LocalTermStoreName -RemoteSiteUrl	
▼	"https://portal.contoso.com" -GroupNames "Research" -Credential \$credential	
-GraphApiEndpoint -LocalSiteUrl -LocalTermStoreName -RemoteSiteUrl		
▼	"https://contoso.admin.sharepoint.com"	
-GraphApiEndpoint -LocalSiteUrl -LocalTermStoreName -RemoteSiteUrl		

Solution:

Answer Area

	▼		▼	"Managed Metadata Service"
Copy-SPActivitiesToWorkflowService				
Copy-SPBusinessDataCatalogAcToChildren				
Copy-SPContentTypes				
Copy-SPSideBySideFiles				
Copy-SPTaxonomyGroups				
	▼	"https://portal.contoso.com" -GroupNames "Research" -Credential \$credential		
	▼	"https://contoso.admin.sharepoint.com"		

Explanation:

Reference:

<https://docs.microsoft.com/en-us/powershell/module/sharepoint-server/copy-sptaxonomygroups?view=sharepoint-ps>

(32 questions)

Question 74

You have a SharePoint Server farm and a SharePoint Online subscription.

You implement inbound hybrid search.

You need to ensure that SharePoint Online users can return search results from the farm.

What should you do?

- ☒ From SharePoint Online, create a Remote SharePoint result source.
- ☐ From on-premises SharePoint Server, create a Remote SharePoint result source.
- ☐ From SharePoint Online, create a query rule.
- ☐ From on-premises SharePoint Server, configure a Secure Store Service application.

Question 75

DRAG DROP

You have a SharePoint Server farm and a SharePoint Online subscription.

You need to configure cloud hybrid search.

You complete the Hybrid Configuration wizard.

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

Actions

Create a Search Service Application.

Run `OnBoard-CloudHybridSearch.ps1`.

Install the SharePoint Online Management Shell.

Run `CreateCloudSSA.ps1` to create and configure a Cloud Search Service Application.

Install the Microsoft Azure Active Directory (Azure AD) PowerShell module and the Microsoft Online Services Sign-In Assistant.

Create a content source and start a full crawl.

Answer Area



Solution:**Actions**

Create a Search Service Application.

Run `OnBoard-CloudHybridSearch.ps1`.

Install the SharePoint Online Management Shell.

Run `CreateCloudSSA.ps1` to create and configure a Cloud Search Service Application.

Install the Microsoft Azure Active Directory (Azure AD) PowerShell module and the Microsoft Online Services Sign-In Assistant.

Create a content source and start a full crawl.

Answer Area

Install the Microsoft Azure Active Directory (Azure AD) PowerShell module and the Microsoft Online Services Sign-In Assistant.

Run `CreateCloudSSA.ps1` to create and configure a Cloud Search Service Application.

Run `OnBoard-CloudHybridSearch.ps1`.

Create a content source and start a full crawl.

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/configure-cloud-hybrid-searchroadmap#before-you-start>

Question 76

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You configure the farm to support custom tiles, and you add an item to the custom tiles list.

You discover that the new item appears at the bottom of the list in the app launcher.

You need to ensure that the new item appears first on the list.

Solution: You run the Add-PnpNavigationNode cmdlet and specify the –first parameter.

Does this meet the goal?

- ☐ Yes
☒ No

Question 77

You have a hybrid deployment of SharePoint Server 2019 and Microsoft 365.

You need to ensure that only the members of an Active Directory security group named Group1 can access personal OneDrive for Business sites online.

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

NOTE: Each correct selection is worth one point.

- ☒ From the SharePoint Hybrid Configuration Wizard, add an audience.
- ☐ From the OneDrive admin center, modify the Device access settings.
- ☐ From the Azure Active Directory admin center, create a security group named Group1.
- ☐ From the Farm Configuration Wizard, provision the Claims to Windows Token Service.
- ☒ From SharePoint Server 2019, create an audience for Group1.

Question 78

DRAG DROP

You have an on-premises file server that contains a shared folder for each user.

You have a Microsoft 365 subscription. Each user uses Microsoft OneDrive for Business.

You need to migrate the user data from the file server to the OneDrive for Business site of each user.

Which three cmdlets should you run in sequence? To answer, move all cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.

Cmdlets**Answer Area**

Register-SPMTMigration

Start-SPMTMigration

New-SPOMigrationPackage

Set-SPODataConnectionSetting

Add-SPMTTask



Solution:

Cmdlets**Answer Area**

Register-SPMTMigration

Start-SPMTMigration

New-SPOMigrationPackage

Set-SPODataConnectionSetting

Add-SPMTTask



Register-SPMTMigration

Add-SPMTTask

Start-SPMTMigration



Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/overview-SPMT-PS-cmdlets>

Question 79

You have a SharePoint hybrid environment.

You have the following PowerShell script.

```
Import-Module MSOnline -force -verbose
Import-Module MSOnlineExtended -force -verbose

Connect-MsolService

$stscertpfx="c:\certs\sts_cert.pfx"
$stscertcer="c:\certs\sts_cert.cer"
$stscertpassword="*****"

$spoappid="00000003-0000-off1-ce00-000000000000"

$pfxCertificate=New-Object
System.Security.Cryptography.X509Certificates.X509Certificate2 $stscertpfx,
$stscertpassword, 20
Set-SPSecurityTokenServiceConfig -ImportSigningCertificate $pfxCertificate

iisreset
net stop SPTimerV4
net start SPTimerV4

$cerCertificate = New-Object
System.Security.Cryptography.X509Certificates.X509Certificate2
$cerCertificate.Import($stscertcer)
$cerCertificateBin = $cerCertificate.GetRawCertData()
$credValue = [System.Convert]::ToBase64String($cerCertificateBin)

New-MsolServicePrincipalCredential -AppPrincipalId $spoappid -Type asymmetric -
Usage Verify -Value
$credValue
```

What is the effect of running the script?

- ☒ replaces an expired certificate for Microsoft Azure Active Directory (Azure AD) and on-premises SharePoint Server.
- ☐ replaces an expired certificate for Active Directory and SharePoint Online.
- ☐ configures SharePoint for hybrid search.
- ☐ configures on-premises SharePoint Server for federated authentication to Microsoft Azure Active Directory (Azure AD).

Question 80

HOTSPOT

You have two SharePoint Server farms named Farm1 and Farm2.

In Farm1, you need to display search results from both farms.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Search result source to use:

	▼
Exchange	
Local SharePoint	
OpenSearch 1.0/1.1	
Remote SharePoint	

Web part to use:

	▼
Content Query	
Content Search	
Federated Search	

Solution:

Answer Area

Search result source to use:

	▼
Exchange	
Local SharePoint	
OpenSearch 1.0/1.1	
Remote SharePoint	

Web part to use:

	▼
Content Query	
Content Search	
Federated Search	

Question 81

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You configure the farm to support custom tiles, and you add an item to the custom tiles list.

You discover that the new item appears at the bottom of the list in the app launcher.

You need to ensure that the new item appears first on the list.

Solution: You change the sort order of the custom tiles list.

Does this meet the goal?

- ☐ Yes
- ☒ No

Question 82

You have a SharePoint Server farm and a SharePoint Online subscription.

You plan to configure a SharePoint hybrid environment.

You need to identify which groups and roles must be assigned to your user account to implement the deployment. The solution must use the principle of least privilege.

Which three roles and groups should you identify? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☒ the Farm Administrators group in SharePoint
- ☐ the Service administrator role in Microsoft Office 365
- ☒ the Domain Admins group in Active Directory
- ☐ the ADSyncAdmins group in Active Directory
- ☒ the Global administrator role in Microsoft Office 365

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/accounts-needed-for-hybrid-configuration-and-testing>

Question 83

DRAG DROP

Your company has a SharePoint Server hybrid deployment.

You are creating a Microsoft Azure logic app that must access data from a list hosted in your SharePoint Server on-premises environment.

You need to ensure that the logic app can access data from the list. All communication to the on-premises environment must be done through an encrypted channel.

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

Actions

- Install the On-premises data gateway.
- Use a SharePoint connector from the logic app.
- Install a VPN gateway.
- Install an Azure ExpressRoute gateway.
- Configure connectivity to use HTTPS.

Answer Area



Solution:

Actions

- Install the On-premises data gateway.
- Use a SharePoint connector from the logic app.
- Install a VPN gateway.
- Install an Azure ExpressRoute gateway.
- Configure connectivity to use HTTPS.

Answer Area



Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-gateway-connection>

Question 84

You have a SharePoint Server farm and a Microsoft 365 subscription.

You plan to deploy the On-premises data gateway.

Which three cloud services can use the gateway to access SharePoint data? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- ☐ Microsoft StaffHub
- ☒ Microsoft PowerApps
- ☐ Microsoft Power BI
- ☒ Microsoft Planner
- ☒ Microsoft Flow

Question 85

You have a SharePoint Server farm.

You need to ensure that you can implement a hybrid environment.

Which two service applications should you include in the implementation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Search Administration Web Service for Search Service Application
- ☒ a User Profile service application
- ☒ a Managed Metadata Service application
- ☐ Search Service Application
- ☐ an App Management Service application

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/set-up-sharepoint-services-for-hybrid-environments>

Question 86

You have a SharePoint Server farm.

You configure the farm to support custom tiles, and you add an item to the custom tiles list.

You open a web browser and discover that the new item does not appear in the app launcher.

You need to ensure that the tile appears immediately in the app launcher.

What should you do?

- ☒ From the developer tools of the web browser, run the ClearSuiteLinksCache() function.
- ☐ From the developer tools of the web browser, run applicationCache.swapCache.
- ☐ Call the Update() method of the website by using PowerShell.
- ☐ Increase the Title Order value associated to the custom title.

Question 87

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You configure the farm to support custom tiles, and you add an item to the custom tiles list.

You discover that the new item appears at the bottom of the list in the app launcher.

You need to ensure that the new item appears first on the list.

Solution: You run the Set-SPWebApplication cmdlet and specify the –AssignmentCollection parameter.

Does this meet the goal?

- ☐ Yes
- ☒ No

Question 88

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm.

You configure the farm to support custom tiles, and you add an item to the custom tiles list.

You discover that the new item appears at the bottom of the list in the app launcher.

You need to ensure that the new item appears first on the list.

Solution: You change the Tile Order value for the custom tile.

Does this meet the goal?

- ☒ Yes
☐ No

Question 89

HOTSPOT

You have a SharePoint Server farm and a SharePoint Online subscription.

You need to implement cloud hybrid search.

Which cmdlet should you run as part of the implementation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

The screenshot shows a PowerShell command console with a dropdown menu open. The command being entered is `-Name $SearchServiceAppName -ApplicationPool $appPool`. The dropdown menu lists the following cmdlets:

- New-SPEnterpriseSearchAdminComponent
- New-SPEnterpriseSearchServiceApplication
- Set-SPEnterpriseSearchAdministrationComponent
- Set-SPEnterpriseSearchContentProcessingComponent
- Set-SPEnterpriseSearchService Application

Below the dropdown, the command `-DatabaseServer $DatabaseServerName` is visible, followed by another dropdown menu showing the following options:

- CanUpgrade
- CloudIndex
- GetAllFullTextindexes
- Reset

Solution:

Answer Area

	▼	-Name \$SearchServiceAppName -ApplicationPool \$appPool
New-SPEnterpriseSearchAdminComponent		
New-SPEnterpriseSearchServiceApplication		
Set-SPEnterpriseSearchAdministrationComponent		
Set-SPEnterpriseSearchContentProcessingComponent		
Set-SPEnterpriseSearchService Application		

-DatabaseServer \$DatabaseServerName	▼	\$true
-CanUpgrade		
-CloudIndex		
-GetAllFullTextindexes		
-Reset		

Explanation:

References:

<https://blogs.msdn.microsoft.com/spses/2015/09/15/cloud-hybrid-search-service-application/>

Question 90

You have a SharePoint Server farm and a Microsoft Office 365 tenant.

You plan to implement hybrid Microsoft OneDrive for Business for all users.

You need to ensure that the users can create a OneDrive for Business site in a hybrid configuration and use the social and collaboration features.

Which two user permissions should you assign to authenticated users? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ Manage Web Application User Policy for the My Site web application
- ☐ Manage Web Application Permission Policy for the My Site web application
- ☒ Follow People and Edit Profile for the User Profile service application
- ☒ Create Personal Site for the User Profile service application

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/configure-hybrid-onedrive-for-business#configure-user-permissions>

Question 91

You have a SharePoint Server 2019 farm that contains thousands of term sets and terms.

You deploy hybrid SharePoint taxonomy and hybrid content types.

From a SharePoint server, you sign in by using a user account named SPAdmin.

You run copy-SPTaxonomyGroups and receive an Access Denied error.

You need to copy the term sets to SharePoint Online successfully.

What should you do?

- ☐ Add the SharePoint Timer Service Log On As account to the Term Store Administrators group.
- ☒ Add SPAdmin to the Term Store Administrators group.
- ☐ Add SPAdmin to the Farm Administrators group.
- ☐ Add the SharePoint Timer Service Log On As account to the Farm Administrators group.

Explanation:

References:

<https://docs.microsoft.com/en-us/powershell/module/sharepoint-server/copy-sptaxonomygroups?view=sharepoint-ps>

Question 92

You have a SharePoint Server 2019 farm and a SharePoint Online subscription.

You configure hybrid Microsoft OneDrive.

You need to ensure that hybrid users can follow documents in the farm by using Microsoft Delve.

What should you implement?

- ☐ hybrid business-to-business (B2B) sites
- ☐ hybrid taxonomy
- ☐ hybrid sites
- ☒ hybrid search

Question 93

You have a SharePoint Server farm and a SharePoint Online subscription.

You plan to implement hybrid search.

You need to ensure that a SharePoint administrator named Admin1 can create a Search Service Application. The solution must use the principle of least privilege.

Which two Microsoft SQL Server roles should you assign to Admin1? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ serveradmin
- ☒ dbcreator
- ☒ securityadmin
- ☐ processadmin
- ☐ setupadmin

Question 94

You have a SharePoint Server farm and a Microsoft Office 365 subscription.

You implement hybrid search.

You discover that some search results are not hybrid search results. You discover that only the Domain Users security group is granted permissions to the content.

You need to resolve the issue.

What should you do?

- ☐ Configure all crawlers to use continuous crawls.
- ☐ Create a new user account. Grant the new user account permissions to the content. Modify the Default content access account to use the new user account.
- ☒ Add all users to a new domain group. Grant the new domain group permissions to the content. Perform a full crawl.
- ☐ Add all users as Search Service Application administrators. Perform a full crawl.

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/plan-cloud-hybrid-search-for-sharepoint#why-cant-users-get-hybrid-results-with-cloud-hybrid-search-when-theyre-members-of-the-domain-users-security-group>

Question 95

You have a SharePoint Server 2019 farm that contains thousands of term sets and terms.

You deploy hybrid SharePoint taxonomy and hybrid content types.

You need to ensure that the term sets and terms sync every hour.

Which timer job should you modify?

- ☐ Content Type Subscriber
- ☒ Taxonomy Groups Replication
- ☐ Taxonomy Update Scheduler
- ☐ Content Organizer Processing

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/configure-hybrid-sharepoint-taxonomy-and-hybrid-content-types#running-the-taxonomy-replication-timer-job>

Question 96

You have a SharePoint hybrid environment.

When you run a search on-premises, you do not see any results from SharePoint Online on the results page.

You need to ensure that SharePoint Online results appear on the search results page along with the results from on-premises SharePoint Server.

Which two objects should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ a search results page in on-premises SharePoint Server
- ☒ a result source in on-premises SharePoint Server
- ☒ a query rule in on-premises SharePoint Server
- ☐ a search results page in SharePoint Online
- ☐ a result source in SharePoint Online
- ☐ a query rule in SharePoint Online

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/display-hybrid-federated-search-results-in-sharepoint-server>

Question 97

Your company has documents in both on-premises SharePoint Server and SharePoint Online.

Currently, users must search each environment for results.

You need to recommend a solution to ensure that searches performed from SharePoint Online contain results from on-premises SharePoint Server.

What should you include in the recommendation?

- ☐ search Best Bets
- ☐ federated search
- ☒ hybrid search
- ☐ multi-tenancy
- ☐ search Promoted results

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/display-hybrid-federated-search-results-in-sharepoint-online>

Question 98

You have a SharePoint Server farm.

You need to implement hybrid search.

Which two service applications are required for hybrid search? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- ☐ a Managed Metadata Service application
- ☐ Business Data Connectivity Service
- ☐ Work Management Service Application
- ☒ Cloud Search Service Application
- ☒ a User Profile service application

Question 99

You have a SharePoint Server farm.

You have a Microsoft Office 365 subscription.

You need to ensure that all user profile data is stored in Office 365.

What should you implement?

- ☐ site following
- ☐ hybrid search
- ☒ the On-premises data gateway
- ☐ hybrid Microsoft OneDrive for Business

Question 100

You have a SharePoint Server farm.

You need to create an external content type to connect to a table in a Microsoft Azure SQL database.

What should you use to create the external content type?

- ☐ Microsoft Expression Design
- ☐ Microsoft InfoPath
- ☒ Microsoft SharePoint Designer
- ☐ Microsoft SQL Server Management Studio (SSMS)

Question 101

You manage a SharePoint hybrid environment that is configured to use hybrid managed metadata.

The on-premises SharePoint Server environment contains a term group named TermGroup1. An Active Directory group named Group1 is configured as the Group Manager of TermGroup1. Group1 contains a user named User1.

You need to migrate TermGroup1 to SharePoint Online. The solution must meet the following requirements:

Ensure that User1 can manage TermGroup1.
Use the principle of least privilege.

What should you do?

- ☒ Change the Group Manager to User1, and then run the Copy-SPTaxonomyGroup cmdlet.
- ☐ Change the Group Manager to User1, and then run the Copy-SPContentTypes cmdlet.
- ☐ Run the Copy-SPTaxonomyGroups cmdlet, and then add Group1 as a Term Store Administrator in SharePoint Online.
- ☐ Run the Copy-SPContentTypes cmdlet, and then change the Group Manager in SharePoint Online to an Office 365 group that contains User1.

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/configure-hybrid-sharepoint-taxonomy-and-hybrid-content-types>

Question 102

DRAG DROP

You are planning the implementation of a SharePoint hybrid environment that will contain the following workloads:

Workload1: An external list exposing data from a public OData service endpoint.

Workload2: An external list exposing data from a Microsoft Azure SQL database.

Workload3: A site that contains a sandbox solution.

Workload4: A Microsoft Flow workload.

Which workload can run only in the SharePoint Server farm and which workload can run only in SharePoint Online? To answer, drag the appropriate workloads to the correct environments. Each workload 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.

NOTE: Each correct selection is worth one point.

Workloads		Answer Area
Workload1		Can run only in the SharePoint Server farm: Workload
Workload2		
Workload3		Can run only in SharePoint Online: Workload
Workload4		

Solution:

Workloads		Answer Area
Workload1		Can run only in the SharePoint Server farm: Workload3
Workload2		
Workload3		Can run only in SharePoint Online: Workload2
Workload4		

Question 103

You have a SharePoint Server farm and a Microsoft 365 subscription.

You deploy the On-premises data gateway to your SharePoint Server on-premises environment.

You need to configure Microsoft PowerApps to use the gateway.

What should you add to PowerApps?

- ☒ a connection
- ☐ a picklist
- ☐ an entity
- ☐ a gateway

Question 104

You manage a SharePoint hybrid environment that contains an on-premises web application named webapp1.

You plan to configure self-service site creation in webapp1 to create sites in SharePoint Online instead of on-premises SharePoint Server.

From Central Administration, you open Configure self-service site creation, but you do not see the Create Site Collections in SharePoint Online option.

You need to ensure that you can enable the option.

What should you do first?

- ☒ Run the Hybrid Picker.
- ☐ Run the SharePoint Products Configuration Wizard.
- ☐ Install the latest cumulative update (CU) to the SharePoint server that hosts the Central Administration web application.
- ☐ Assign your user account the Global administrator role in Microsoft Office 365.

Explanation:

Reference:

<https://docs.microsoft.com/en-us/sharepoint/hybrid/hybrid-self-service-site-creation>

Question 105

You have a SharePoint Server farm and a Microsoft 365 subscription.

A user named User1 plans to connect to a SharePoint list from Microsoft Power BI and create a Power BI report.

You need to recommend a solution to provide User1 with the required access. Only User1 requires access to the report.

What should you include in the recommendation?

- ☐ SharePoint Designer
- ☒ Personal Gateway
- ☐ Power BI Desktop
- ☐ PowerApps Studio

Explanation:

Reference:

<https://docs.microsoft.com/en-us/power-bi/service-gateway-personal-mode>

Migrate to SharePoint Online

Case Study (1 questions)

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Overview

Contoso, Ltd. is an international pharmaceutical company that has 60,000 users. Contoso has sales, marketing, research, and human resources (HR) departments.

Existing Environment

Productivity Environment

Contoso recently installed a highly available SharePoint Server farm that has Office Server deployed.

Microsoft OneDrive for Business in SharePoint Server is deployed to 10,000 users.

All user accounts are currently stored in an Active Directory Domain Services (AD DS) environment. Each user account has a profile picture in Active Directory.

You recently purchased a SharePoint Online subscription. A small number of users currently use SharePoint Online by using cloud identities.

The root site collection of the farm has a URL of <https://portal.contoso.com>.

Tens of thousands of documents are added to the farm daily.

The farm contains the servers shown in the following table.

Configuration	Number of servers
Front-end server	4
Application server	2
Search server	2
Distributed cache server	2
Microsoft SQL Server	2
Office Online Server	2

Current

Business Model

Contoso has the following business model:

Users in the research department apply hundreds of terms and keywords as metadata in document libraries.

The marketing department maintains an external database to store customer information. The information is available in some SharePoint lists and libraries as metadata by using external content types.

Problem Statements

Contoso identifies the following issues:

Users report that it takes a long time for new documents to appear in search results and the SharePoint sites are slow to load.

Users in SharePoint Online cannot tag documents by using the terms and keywords available in SharePoint Server on-premises.

Users report that data refresh in Microsoft Excel Online and the Excel Web Access web part fail to work.

Requirements

Business Goals

Contoso wants to provide seamless, streamlined access to business information, while maintaining appropriate security for employees and contractors.

Technical Requirements

Contoso identifies the following technical requirements:

Add a picture to the user profile page of each user.

Resolve the Excel Online issues and enable Excel data refresh.

Deploy hybrid OneDrive for Business to the remaining 50,000 users.

Prevent solutions from affecting the performance of existing services.

Improve search indexing and response times of the existing SharePoint sites.

Ensure that solutions use the principle of least privilege whenever possible.

Migrate the terms and keywords from SharePoint Server on-premises to SharePoint Online.

Configure Microsoft Office 365 for SharePoint hybrid and provide a single sign-on (SSO) experience.

Configure the permissions for the external content types of the marketing department to meet the following requirements:

Users in the HR department must be able to see customer data.

Users in the research department must be able to read and write data.

Contractors must be able to see data directly from Office applications.
Ensure that on-premises data from SQL Server databases, SharePoint lists, and Oracle databases can be used to generate reports and dashboards in Microsoft Power BI.

Question 106

What should you recommend using to meet the requirements for the user profile page?

- ☐ Microsoft Identity Manager (MIM)
- ☐ SharePoint Active Directory Import
- ☒ Microsoft Azure Active Directory (Azure AD) Connect
- ☐ Forefront Identity Manager (FIM)

(13 questions)

Question 107

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm and a SharePoint Online subscription.

You plan to perform a bulk migration by using the SharePoint Migration Tool.

You create the following CSV file. (Line numbers are included for reference only.)

```
01 Source,SourceDocLib,SourceSubFolder,TargetWeb,TargetDocLib,TargetSubFolder
02 C:\Docs\,,https://contoso.sharepoint.com/sites/Documents/,
03 https://contoso.com/sites/site1/,Docs,,https://contoso.sharepoint.com/sites/Documents/,Corporate,
```

You need to modify the CSV file to ensure that the bulk migration will complete successfully.

Solution: You remove the TargetDocLib value from line 03.

Does this meet the goal?

- ☐ Yes
- ☒ No

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/how-to-format-your-csv-file-for-data-content-migration>

Question 108

You have a SharePoint Server farm.

You plan to migrate a SharePoint site collection to SharePoint Online.

You need to view any issues that can cause the migration to fail.

What should you do?

- ☒ From site collection settings, run site collection health checks.
- ☐ From site collection settings, run site collection upgrade.
- ☐ From site settings, view audit log reports.
- ☐ Run the Test-SPO365LinkSettings cmdlet.

Question 109

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm and a SharePoint Online subscription.

You plan to perform a bulk migration by using the SharePoint Migration Tool.

You create the following CSV file. (Line numbers are included for reference only.)

```
01 Source,SourceDocLib,SourceSubFolder,TargetWeb,TargetDocLib,TargetSubFolder
02 C:\Docs\,,https://contoso.sharepoint.com/sites/Documents/,
03 https://contoso.com/sites/site1/,Docs,,https://contoso.sharepoint.com/sites/Documents/,Corporate,
```

You need to modify the CSV file to ensure that the bulk migration will complete successfully.

Solution: At line 02, you specify a target document library and you delete line 01.

Does this meet the goal?

- ☒ Yes
- ☐ No

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/how-to-format-your-csv-file-for-data-content-migration>

Question 110

DRAG DROP

You have SharePoint Server farm and a Microsoft 365 subscription.

You use Microsoft Azure Active Directory (Azure AD) Connect to sync accounts.

You have a file server that contains a file named File1. File1 contains the permissions shown in the following table.

User name	Permission
User1	Full control set to Allow
User2	Read set to Allow Write set to Allow
User3	Read set to Allow Write set to Deny

You migrate the share that contains File1 to SharePoint Online by using the SharePoint Migration Tool.

Which permission does each user have to File1 in SharePoint Online? To answer, drag the appropriate permissions to the correct users. Each permission may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Permissions

Contribute
Read
None

Answer Area

User1:	Permission
User2:	Permission
User3:	Permission

Solution:

Permissions	Answer Area
Contribute	User1: Contribute
Read	User2: Contribute
None	User3: Read

Question 111

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm and a SharePoint Online subscription.

You plan to perform a bulk migration by using the SharePoint Migration Tool.

You create the following CSV file. (Line numbers are included for reference only.)

```
01 Source,SourceDocLib,SourceSubFolder,TargetWeb,TargetDocLib,TargetSubFolder
02 C:\Docs\,,,https://contoso.sharepoint.com/sites/Documents/,
03 https://contoso.com/sites/site1/,Docs,,https://contoso.sharepoint.com/sites/Documents/,Corporate,
```

You need to modify the CSV file to ensure that the bulk migration will complete successfully.

Solution: You change line 02 to use a UNC path instead of a local file path.

Does this meet the goal?

- ☐ Yes
☒ No

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/how-to-format-your-csv-file-for-data-content-migration>

Question 112

You have a SharePoint Server farm and a Microsoft 365 subscription.

You plan to migrate some SharePoint sites to SharePoint Online. You do NOT plan to migrate alerts.

You need to use the SharePoint Migration Assessment Tool (SMAT) to identify potential migration issues. The solution must prevent assessing alert issues.

Which file should you modify before you run SMAT?

- ☐ WebTemp.xml
- ☒ ScanDef.json
- ☐ SkipSitesList.csv
- ☐ Web.config

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/overview-of-the-sharepoint-migration-assessment-tool>

Question 113

You have a SharePoint Server farm and a Microsoft 365 subscription.

You plan to migrate some SharePoint sites to SharePoint Online.

You need to identify users who have access to your SharePoint Server on-premises environment and are NOT mapped to a Microsoft Azure Active Directory (Azure AD) account.

What should you use?

- ☐ The Test-SPContentDatabase cmdlet
- ☒ SharePoint Migration Assessment Tool (SMAT)
- ☐ SharePoint Migration Tool
- ☐ Azure AD Connect

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/sharepoint-migration-identity-mapping-tool>

Question 114

You have an on-premises file server that contains 30 TB of data.

You purchase a SharePoint Online subscription.

You need to recommend a solution to migrate your content to SharePoint Online. The solution must minimize network traffic.

What should you include in the recommendation?

- ☐ the Microsoft OneDrive sync client
- ☐ Azure File Sync
- ☐ the Backup-SPFarm and Restore-SPFarm cmdlets
- ☒ Azure Data Box

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/databox/data-box-overview>

Question 115

You have a SharePoint Server farm and a SharePoint Online subscription.

You start a data migration by using the SharePoint Migration Tool.

After several hours, the migration fails. The migration log shows the following error message:
“429 – Too many requests.”

You need to complete the migration.

What should you do?

- ☐ Restart the front-end web servers, and then start a full migration job.
- ☒ Wait 24 hours, and then start an incremental migration job.
- ☐ Run the Set-SPTimerJob cmdlet, and then start a full migration job.
- ☐ Wait 24 hours, and then start a full migration job.

Question 116

You have a SharePoint Server farm and a SharePoint Online subscription.

The farm contains the lists shown in the following table.

List name	List template
List1	Report Library
List2	ExternalList
List3	Promoted Link list
List4	GanttTasks
List5	PictureLibrary

Which two lists can you migrate to SharePoint Online by using the SharePoint Migration Tool? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- ☐ List2
- ☐ List3
- ☒ List5
- ☒ List4
- ☐ List1

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/sharepoint-migration-supported-list-templates>

Question 117

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a SharePoint Server farm and a SharePoint Online subscription.

You plan to perform a bulk migration by using the SharePoint Migration Tool.

You create the following CSV file. (Line numbers are included for reference only.)

```
01 Source,SourceDocLib,SourceSubFolder,TargetWeb,TargetDocLib,TargetSubFolder
02 C:\Docs\,,,https://contoso.sharepoint.com/sites/Documents/,
03 https://contoso.com/sites/site1/,Docs,,https://contoso.sharepoint.com/sites/Documents/,Corporate,
```

You need to modify the CSV file to ensure that the bulk migration will complete successfully.

Solution: At line 03, you change https://contoso.com/sites/site1/ to use http.

Does this meet the goal?

- ☐ Yes
☒ No

Explanation:

References:

<https://docs.microsoft.com/en-us/sharepointmigration/how-to-format-your-csv-file-for-data-content-migration>

Question 118

You have a SharePoint Server farm.

You plan to migrate a SharePoint site collection to SharePoint Online.

You need to view any issues that can cause the migration to fail.

What should you do?

- ☒ Run the Test-SPSite cmdlet.
☐ From site collection settings, run site collection upgrade.
☐ Run the Test-SPWebApplication cmdlet.
☐ Run the Test-SPO365LinkSettings cmdlet.

Question 119

HOTSPOT

You have a SharePoint Server farm and a SharePoint Online subscription. The farm has a URL of <https://sharepoint.contoso.com>. The SharePoint Online subscription has a URL of <https://contoso.sharepoint.com>.

You need to migrate the folksonomy from the farm to SharePoint Online.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

▼	-LocalTermStoreName "Managed Metadata Service Application Proxy"
Copy-SPContentTypes	
Copy-SPSideBySideFiles	
Copy-SPTaxonomyGroups	
Export-SPInfoPathAdministrationFiles	
LocalSiteUrl https://sharepoint.contoso.com -RemoteSiteUrl https://contoso.sharepoint.com	
-Group	▼
"People"	
"Search Dictionaries"	
"System"	

Solution:

Answer Area

▼	-LocalTermStoreName "Managed Metadata Service Application Proxy"
Copy-SPContentTypes	
Copy-SPSideBySideFiles	
Copy-SPTaxonomyGroups	
Export-SPInfoPathAdministrationFiles	
LocalSiteUrl https://sharepoint.contoso.com -RemoteSiteUrl https://contoso.sharepoint.com	
-Group	▼
"People"	
"Search Dictionaries"	
"System"	

Explanation:

Reference:

<https://docs.microsoft.com/en-us/powershell/module/sharepoint-server/copy-sptaxonomygroups?view=sharepoint-ps>