



**Vendor:** Microsoft

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**Exam Name:** Developing Microsoft SharePoint Server 2013  
Core Solutions

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**Case Study 1 - Consolidated Messenger (QUESTION 35 - QUESTION 47)**

**Case Study 2 - SharePoint (QUESTION 48 - QUESTION 57)**

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**Case Study 4 - Litware Inc. (QUESTION 68 - QUESTION 79)**

**QUESTION 1**

Drag and Drop Question

You administer the SharePoint environment for a company.

You create a SharePoint application to manage budgets and expenses.

The application requires access to all site collections and resources.

You need to package and publish the budget and expenses app.

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

Actions	Answer Area
Register the application with Azure Access Control Service.	
Publish the remote app component, and install the app component to SharePoint.	
Register the application with the SharePoint farm's App Management Service.	
Add the certificate serial number to the application's web.config and TokenHelper files.	
Configure the remote web server with a trusted certificate.	

**Answer:**

Actions	Answer Area
Register the application with Azure Access Control Service.	Register the application with the SharePoint farm's App Management Service.
Publish the remote app component, and install the app component to SharePoint.	Configure the remote web server with a trusted certificate.
Register the application with the SharePoint farm's App Management Service.	Add the certificate serial number to the application's web.config and TokenHelper files.
Add the certificate serial number to the application's web.config and TokenHelper files.	Publish the remote app component, and install the app component to SharePoint.
Configure the remote web server with a trusted certificate.	

**QUESTION 2**

Hotspot Question

A company's IT department implements a Help Desk Ticketing system that involves workflow development by using SharePoint Designer and InfoPath. The Help Desk Ticket workflow involves multiple steps and tasks that have serial approvals of multiple users and groups with custom task email messages. The Approver accidentally rejects a workflow step, and the workflow has stopped. The Approver then corrects the step.

You need to continue the workflow to reflect the updated approval. Which activity should you

use? (To answer, select the appropriate action from the list of actions in the answer area.)

Set Workflow Status  
Set Workflow Variable

List Actions

Check In Item  
Check Out Item  
Copy Document  
Create List Item  
Delete Item  
Discard Check Out Item  
Set Field in Current Item  
Translate Document  
Update List Item  
Wait for Event in List Item  
Wait for Field Change in Current item

Task Actions

Assign a task  
Start a task process

Answer:

Set Workflow Status  
Set Workflow Variable

List Actions

Check In Item  
Check Out Item  
Copy Document  
Create List Item  
Delete Item  
Discard Check Out Item  
Set Field in Current Item  
Translate Document  
Update List Item  
Wait for Event in List Item  
Wait for Field Change in Current item

Task Actions

Assign a task  
Start a task process

### QUESTION 3

Contoso, Ltd., uses SharePoint to manage projects and collaborate with a third-party contractor. The contractor stores employee account information in a MySQL database that the contractor manages.

You must grant the contractor access to certain SharePoint sites.

You must not add the contractor's employees to the Contoso Active Directory Domain Services domain.

You need to implement a solution to authenticate the contractor's employees with SharePoint. What should you do?

- A. Create an empty project as a sandboxed solution. Implement a custom claims provider.
- B. Create an empty project as a farm solution. Implement a custom claims provider.
- C. Create an empty project as a farm solution. Implement a custom membership provider.
- D. Create an empty project as a deployment solution. Implement a custom membership provider.

**Answer: B**

**Explanation:**

We need to setup the web application to use claims authentication and then implement a custom membership provider.

<http://stackoverflow.com/questions/19119776/is-it-possible-to-store-sharepoint-users-in-a-mysql-database>

#### QUESTION 4

You plan to create a workflow design by using Microsoft Visio 2013 and then import the design into SharePoint Designer 2013.

You need to ensure that you have repetition capability.

Which shape should you use?

- A. Stage
- B. Assign a Task
- C. Step
- D. Loop

**Answer: D**

**Explanation:**

<http://msdn.microsoft.com/en-us/library/jj163272>

Stage shapes

A stage can contain any number of shapes and may include branching. However, there can be only one path into a stage (and a step) and one path out. All actions in the workflow must be contained by a stage.

Loop shapes

Loops are a series of connected shapes that will execute as a loop, returning from the last shape in the series to the first, until a condition is satisfied.

Step shapes

Steps represent a grouped series of sequential actions. Steps must be contained by a stage.

A step shape must also have an Enter and Exit shape to define the paths in and out of the shape.

#### QUESTION 5

You prepare an on-premise farm to support the creation of SharePoint apps.

You need to create an instance of a service application before building apps.

Which service application should you create?

- A. On-premises service
- B. App Deployment service
- C. Site Subscriptions Settings service

D. Secure Store service

**Answer: C**

**Explanation:**

Apps rely on the App Management and Microsoft SharePoint Foundation Subscription Settings service applications. These service applications use the multi-tenancy features to provide app permissions and create the subdomains for apps.

Note: Deployed services are named service applications. A service application provides a resource that you can share across sites in a farm or sometimes across multiple farms, and users can access them through a hosting web application. Service applications are associated to web applications by service application connections.

<https://technet.microsoft.com/en-us/library/fp161236.aspx>

**QUESTION 6**

Hotspot Question

A company develops a SharePoint app that employees use to submit expense reports. Employees can approve their own expenses for purchases less than \$100. For expenses greater than \$100, the app will authenticate both itself and the user before approval is requested. The expense reporting app includes the following code. Line numbers are included for reference only.

```

01 string contextTokenString = TokenHelper.GetContextTokenFromRequest(Request);
02 if (contextTokenString != null)
03 {
04     SharePointContextToken contextToken = TokenHelper.ReadAndValidateContextToken(contextTokenString,
Request.Url.Authority);
05     Uri sharepointUrl = new Uri(Request.QueryString["SPHostUrl"]);
06     string accessToken01 = TokenHelper.GetAccessToken(contextToken, sharepointUrl.Authority).AccessToken;
07     ClientContext clientContext = TokenHelper.GetClientContextWithAccessToken(sharepointUrl.ToString(),
accessToken01);
08     string accessToken02 = TokenHelper.GetAppOnlyAccessToken(contextToken.TargetPrincipalName,
sharepointUrl.Authority, contextToken.Realm).AccessToken;
09 }
    
```

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

**Answer Area**

	Yes	No
The variable accessToken01 is used to retrieve the token for the User+app authorization policy type.	<input type="radio"/>	<input type="radio"/>
The variable accessToken02 is used to retrieve the token for the User+app authorization policy type.	<input type="radio"/>	<input type="radio"/>
The TokenHelper class can be used to implement User-only authorization.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Answer Area

	Yes	No
The variable accessToken01 is used to retrieve the token for the User+app authorization policy type.	<input type="radio"/>	<input checked="" type="radio"/>
The variable accessToken02 is used to retrieve the token for the User+app authorization policy type.	<input checked="" type="radio"/>	<input type="radio"/>
The TokenHelper class can be used to implement User-only authorization.	<input checked="" type="radio"/>	<input type="radio"/>

**QUESTION 7**

A user deploys a sandbox solution. The user cannot activate the solution.

You need to ensure that the user can activate the solution.

What should you do? (Each correct answer presents a complete solution. Choose all that apply.)

- A. Grant permission to the user to execute the solution.
- B. Grant permission to the user to activate the solution.
- C. Start the Microsoft SharePoint Foundation Sandboxed Code Service.
- D. Start the PerformancePomt Services.

**Answer:** AC

**Explanation:**

<http://msdn.microsoft.com/en-us/library/ff798382.aspx>

**QUESTION 8**

A company uses SharePoint for internal collaboration. SharePoint is deployed on a server farm with a single front-end server, a single application server, and a dedicated database server.

You review existing Web Parts that read from and write to SharePoint lists.

You find the following code in one of the utility classes and notice memory leaks in the method.

```
Private void ChangeSiteDescription(string SiteUrl, string newSiteDescription)
{
    SPSite siteCollection = null;
    try
    {
        siteCollection = new SPSite(SiteUrl);
        using (SPWeb site = siteCollection.RootWeb)
        {
            site.Description = newSiteDescription;
            site.Update();
        }
    }
    catch (Exception)
    {
        siteCollection.Close();
    }
}
```

You need to ensure that there are no memory leaks in the method. What should you do?

- A. Add a finally statement and include site.Dispose ().
- B. Add site.Dispose() to the catch statement.

- C. Add a finally statement and include siteCollection.Dispose ();
- D. Add siteCollection.Dispose() to the catch statement.

**Answer: C**

#### **QUESTION 9**

You implement the dependency changes based on the requirements for the Litware web artifacts feature.

When you deploy the Litware.Intranet.Templates.wsp package, you receive an error message. You need to ensure that the package deploys successfully. What should you do?

- A. Set the scope of the Litware web artifacts feature to SPSite.
- B. Set the scope of the Litware web artifacts feature to SPFarm.
- C. Set the Is Hidden option of the Litware web artifacts feature to False.
- D. Set the Auto Activate in Central Admin parameter of the Litware web artifacts feature to True.

**Answer: C**

#### **Explanation:**

Hidden Features cannot have activation dependencies.

<http://msdn.microsoft.com/en-us/library/office/aa543162%28v=office.14%29.aspx>

From scenario:

The LitwareWebTemplateFeature feature contains the Litware Team Site web template.

Templates with this title must be available in the group Litware in the template selection.

The LitwareWebArtifacts hidden feature contains code required to run after the provisioning is completed.

The LitwareWebArtifacts feature can be activated only if the LitwareWebTemplateFeature feature is activated as well.

#### **QUESTION 10**

You plan to create a workflow design by using Microsoft Visio 2013 and then import the design into SharePoint Designer 2013.

You need to ensure that you have branching capability.

Which shape should you use?

- A. Assign a Task
- B. Stage
- C. Loop
- D. Step

**Answer: B**

#### **Explanation:**

A stage can contain any number of shapes and may include branching.

#### **QUESTION 11**

A user deploys a sandbox solution.

The user cannot activate the solution.

You need to ensure that the user can activate the solution.

What should you do? (Each correct answer presents a complete solution. Choose all that apply.)

- A. Grant permission to the user to activate the solution.
- B. Grant permission to the user to execute the solution.

- C. Configure a local mode load-balancing scheme.
- D. Stop the Microsoft User Code Host Service.
- E. Configure a remote mode load-balancing scheme.
- F. Start the Microsoft SharePoint Foundation Sandboxed Code Service.

**Answer:** AF

**Explanation:**

A: Need to activate the feature that provisions the files.  
siteCollection.Features.Add([guid\_of\_your]feature)

F: To enable sandboxed solutions by using Central Administration Verify that you have the following administrative credentials:

On the home page of the Central Administration Web site, in the System Settings section, click Manage services on server. On the Services on Server page, in the Server box, select the server on which you want to enable sandboxed solutions.

In the Microsoft SharePoint Foundation Sandboxed Code Service row, in the Action column, click Start.

### QUESTION 13

Drag and Drop Question

You create a new Enterprise Content Management (ECM) project.

You add a content type to the Visual Studio Project by using the Content Type Designer in Visual Studio 2012.

You need to identify what the designer-generated XML will look like?

You have the following code:

```
<?xml version="1.0" encoding="utf-8"?>
<Target 1 xmlns="http://schemas.microsoft.com/sharepoint/">
  <ContentType ID="0x0100C246DA28B57D493D916BDD32671C57FA"
    Name="ContentTypeAB"
    Group="my contentTypes"
    Description="ContentTypeAB"
    Inherits="FALSE"
    Version="0">
    <Target 2>
      <Target 3 ID="{8fb95db3-0e69-4232-8827-c5b3c6b3533}"
        DisplayName="Site Column A" Required="TRUE" Name="SiteColumnA"/>
    </Target 4>
  </ContentType>
</Target 5>
```

Which XML elements should you include in Target 1, Target 2, Target 3, Target 4 and Target 5 to complete the code? (To answer, drag the appropriate XML elements to the correct targets in the answer area. Each XML element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.)



XML Elements	Answer Area
<input type="text" value="Column"/>	Target 1: <input type="text" value="XML Element"/>
<input type="text" value="Elements"/>	Target 2: <input type="text" value="XML Element"/>
<input type="text" value="FieldRef"/>	Target 3: <input type="text" value="XML Element"/>
<input type="text" value="FieldRefs"/>	Target 4: <input type="text" value="XML Element"/>
<input type="text" value="SiteColumn"/>	Target 5: <input type="text" value="XML Element"/>

Answer:

XML Elements	Answer Area
<input type="text" value="Column"/>	Target 1: <input type="text" value="Elements"/>
<input type="text" value="Elements"/>	Target 2: <input type="text" value="FieldRefs"/>
<input type="text" value="FieldRef"/>	Target 3: <input type="text" value="FieldRef"/>
<input type="text" value="FieldRefs"/>	Target 4: <input type="text" value="FieldRefs"/>
<input type="text" value="SiteColumn"/>	Target 5: <input type="text" value="Elements"/>

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