ISLEVER

70-489

Developing Microsoft SharePoint Server 2013 Advanced Solutions

DEMO

Topic 1, ABC

Background

You are employed as a developer at ABC. ABC wants you to make use of SharePoint 2013 to create and deploy a new public-facing Internet site, and a new intranet site. ABC's intranet site will be used for classified files and content.

Business Prerequisites

It is required that content owners are able to alter content in pages that are published for anonymous site users. The content owners should also be able to alter search engine optimization (SEO) properties for web site visibility enhancement. Content must be created in various languages, with automatic translation configured.

An intranet site must be configured for every ABC division. This site should exhibit pertinent data regarding the division, and also show the division's staff communication data. Intranet users are urged to publish existing project data via a blog of their own creation. This blog will also be used for receiving comments from other ABC users. Every time a user connects to the intranet, content that was modified by the user must be presented. The intranet site should also include post updates from other ABC users' blogs.

Technical Prerequisites

A separate Managed Metadata Service (MMS) must be used by the Internet and intranet web applications. The two web applications should not share term sets.

The intranet web application must make use of the User Profile Service Application (UPA) and all its social features.

An app part, which enables the current user to display various top feeds from user profiles, should be created.

The public-facing Internet site will be configured with the http://www.ABC.com URL, and the http://intranet.ABC.com URL for the intranet site. My sites will be accessed via http://my.ABC.com.

The public-facing Internet site must be configured for search engine optimization. Cross-site publishing should be used to publish information from the intranet site to the Internet web site. Prior to publishing the information, a catalog must be defined. A custom tool must be created to allow site collection administrators to manage catalog connections. To delete or refresh the current catalog links, the API calls should be defined.

To improve ranking by Internet search engines, canonical URL filtering should be enabled for the Internet site that has the URL, http://www.ABC.com/items/pages/items.aspx? itemID = <num>&itemCategory=<category>. The filters used by the site collection administrator should also

be defined.

The Internet site is published for various types of devices, including tablets and mobile phones. Therefore, numerous master pages are used. When a device accesses the site, the master page is selected by the device channels according to the device capabilities.

A Phone, Tablet, and Default master page exists. There are three device channels that make use of the Phone master page, and two that makes use of the Tablet master page. The Default master page is used by a device channel, named Default, which includes devices that are not part of other device channels.

Users who access the site via a Windows phone must be presented with a message informing them that a recently created Windows Phone app is available for download. This message should appear on all mobile site pages, while the HTML that includes the message should only be visible to Windows phones.

A separate site collection must be configured for each ABC division, with reader rights configured for that division's staff. Different types of devices are used by staff to connect to the intranet. As a result of the slow loading of the intranet homepage due to vast image sizes, you plan to enable image renditions on the intranet site collection. You are also planning to create an app part that allows for the users' personal sites and news feeds data to be displayed.

You are developing an application framework that should contain entry points for logging errors and exceptions. This application framework will be used by fellow developers on the development team.

Subsequent to creating a custom Visual Web Part in a solution package, you deploy it as a farm solution via Windows PowerShell. Upon adding the custom Visual Web Part to a SharePoint site, you are presented with an error message containing a correlation ID.

You will also be developing a tool that supports social connections. The tool should allow for another user to be followed by the current user, and return true if the current user is following the target user at present.

Furthermore, a Windows Store app that facilitates offline work by the synchronization of information between the intranet sites and the app is being created.

The Request Management configuration has not been altered.

To increase the execution of ABC's intranet site, you have to apply caching in your custom code.

Every request within a user session can be processed by different front-end web servers because the SharePoint front-end web servers are load-balanced. Cached objects should remain accessible, no matter which front-end web server handles the request. Accessible memory and the number of current requests for each server must be assessed.

QUESTION NO: 1

You have been tasked with configuring filtering as per the prerequisites.

Which of the following actions should you take?

A. You should consider making use of the itemCategory;category filtering option.
B. You should consider making use of the itemID;num filtering option.
C. You should consider making use of the itemCategory;itemID filtering option.
D. You should consider making use of the itemID;itemCategory filtering option.

Answer: D
Explanation:

QUESTION NO: 2

You are preparing to establish the reason for an error message being presented when adding the custom Visual Web Part to a SharePoint site.

Which of the following actions should you take?

A. You should consider making use of the Get-SPLogEvent cmdlet.
B. You should consider making use of the New-SPUsageLogFile cmdlet.
C. You should consider making use of the New-SPLogFile cmdlet.
D. You should consider making use of the Get-SPLogLevel cmdlet.

Answer: A
Explanation:

QUESTION NO: 3

You are preparing to write code to create the tool that supports social connections.

Which of the following is a class of the Microsoft.SharePoint.Client.Social namespace that should be included in the code?

A. The SocialFollowingManager class.
B. The SocialFeedManager class.
C. The SocialActorInfo class.
D. The SocialPostActorInfo class.