# Home Task for App Service

1. Create a App Service plan and use it for next two tasks
2. Develop and Deploy a Azure API to create Text Blob . The API app takes two parameters
3. Blob Name
4. Blob Text

The API takes these values and creates the BLOB in the Storage account. The API App Should access the Storage account using Managed Service Identity .

Refer to Below URL on Managed Service Identity access . Enable Swagger UI for your API

https://docs.microsoft.com/en-us/azure/storage/common/storage-auth-aad-rbac-portal

<https://docs.microsoft.com/en-us/azure/storage/common/storage-auth-aad-msi>

1. Deploy the HelloWeb App Demoed during the Training session. The code for the same is provided in Teams folder

<https://epam.sharepoint.com/sites/EPAMMSPractice-AzureTraining/Shared%20Documents/General/Assignment%20&%20PPT/04%20Azure%20App%20Services/HelloWebApp.zip>

1.Setup other configuration like Storage Blob Container (sample-container) to be created in storage account.

2. Setup managed service identity

3. Provide permission for Managed Service id to Blob storage

4. Changed the Hard code stograge URL inside the Code .

**\HelloWebApp\HelloWebApp\Service\BlobService.cs**

|  |
| --- |
| Public async Task<string> CreateBlob(TextBlob textBlob)  {  //https://docs.microsoft.com/en-us/azure/storage/common/storage-auth-aad-rbac-portal  //https://docs.microsoft.com/en-us/azure/storage/common/storage-auth-aad-msi  //Storage Blob Data Contributor  string blobNameURL = "https://haribstorage.blob.core.windows.net/sample-container/" + textBlob.BlobName; |