**Playing with Managed Identities**

In this exercise, you have an Azure web app, which should be able to download blobs from an Azure Blob Storage. You must respect the following constraints:

* The webapp must authenticate against the blob storage with its managed identity
* You must do the exercise with both system-assigned & user-assigned identities

To achieve this, you’ll need the following components:

* Azure Web App
* Azure Storage Account - Blobs
* System-Assigned and User-Assigned Identity

To test whether the web app is able to download the blob, you can use KUDU and PowerShell’s Invoke-WebRequest command.

Tips:

* Deactivate PowerShell’s progress with by setting the following variable $ProgressPreference="SilentlyContinue"
* Enforce TLS 1.2 with this command [Net.ServicePointManager]::SecurityProtocol = [Net.SecurityProtocolType]::Tls12
* Use API version number 2019-08-01 to interact with the managed identity endpoint
* Use 2020-04-08 as the x-ms-version

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