

## **Create Azure Shared Access Signature Blob (Portal)**

### **(LAB-103-03-05)**

#### **Part A: Create a Container**

1. Navigate to your new storage account in the Azure portal
2. Open the storage account you have created in LAB-300-01
3. In the left menu for the storage account, scroll to the **Blob service** section, then select **Blobs**.
4. Select the **+ Container** button.
5. Type a name for your new container: Provide **"mydemocontainer02"**
6. Set the level of public access to the container. The default level is **Private (no anonymous access)**.
7. Select **ok** to create the container.

#### **Part B: Upload a Block Blob**

1. In the Azure portal, navigate to the container you created in the previous section.
2. Select the container to show a list of blobs it contains. Since this container is new, it won't yet contain any blobs.
3. Select the Upload button to upload a blob to the container.
4. Browse your local file system to find a file to upload as a block blob, and select Upload
5. Select the Authentication type. The default is SAS.
6. Upload as many blobs as you like in this way. You'll see that the new blobs are now listed within the container.

## **Part C: Create SAS**

1. From the container created in previous step, open any file
2. On the file, copy the value of the URL property.
3. Open the browser and navigate to the URL you copied in the previous step.
4. Info: The browser will display the **ResourceNotFound**. This is expected since the container has the Public access level set to Private (no anonymous access).
5. On the selected file, right-click and generate a shared access signature (SAS) and the corresponding URL with the following settings:
  - a. Permissions: Read
  - b. Start date/time: specify the current date/time in your current time zone
  - c. Expiry date/time: specify the date/time in your current time zone
  - d. Allowed IP addresses: leave blank
  - e. Allowed protocols: HTTP
  - f. Signing key: Key 1
  - g. Click on Generate blob & SAS token & URL
6. Copy Blob SAS URL.
7. From the previously opened browser, navigate to the URL you copied in the previous step.

**Note:** This time, you will be allowed to browse file. This is expected as well, since this time you are no longer accessing the container anonymously, but instead you are using the newly generated SAS key, which is valid for the duration.