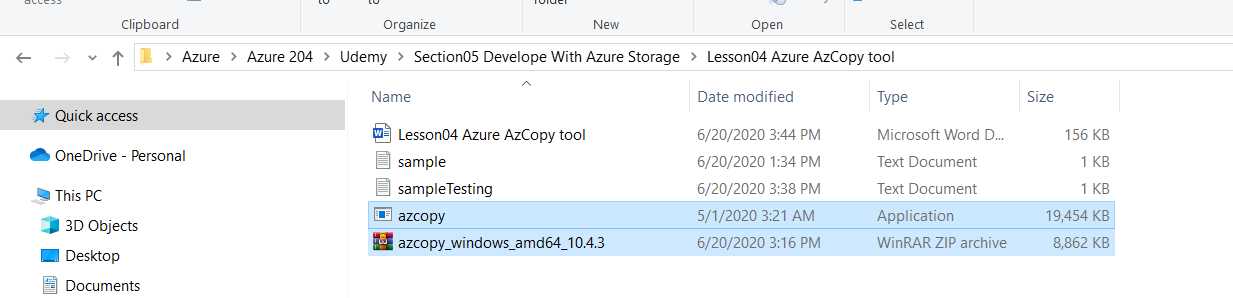
**Lesson04 Azure Az Copy tool**

**Notes: -**

**1-Azure Az Copy tool is command-line utility that you can use to copy blobs/files to or from storage account**

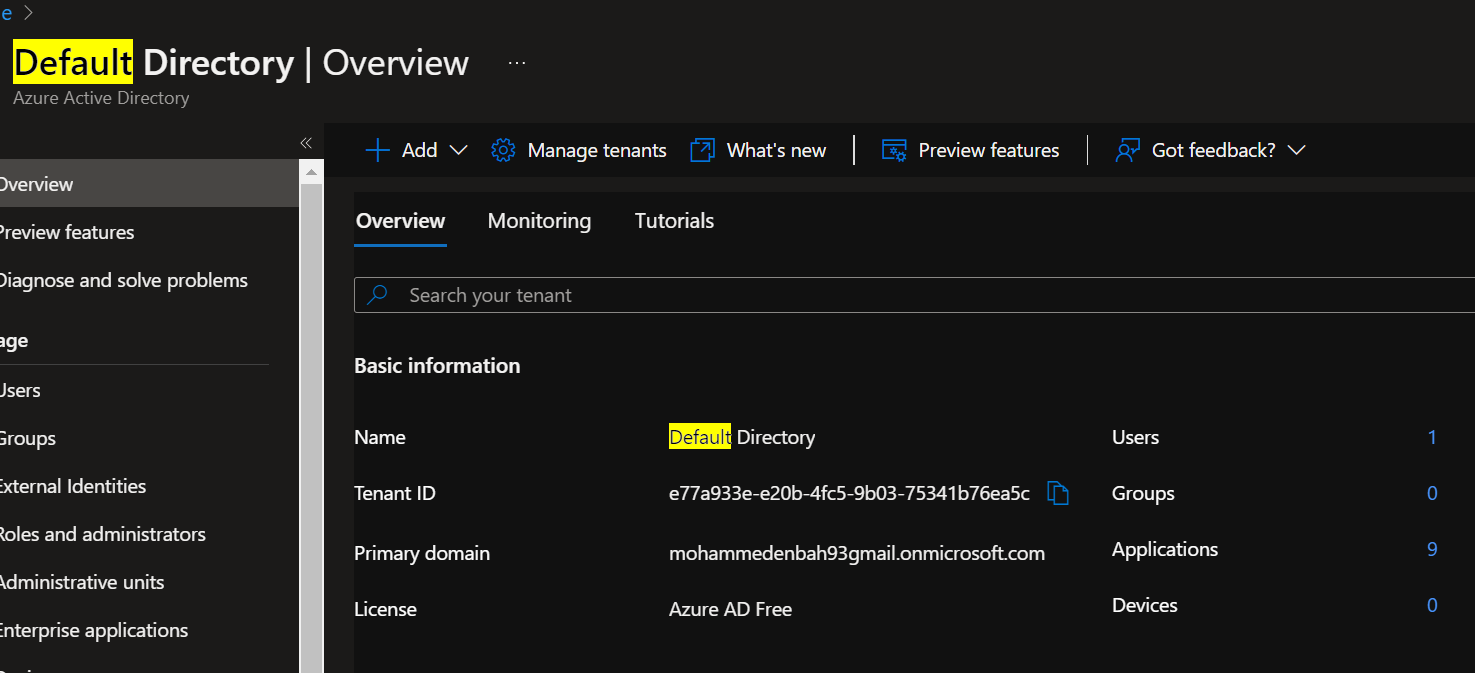
<https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-v10>

**(make sure that AZCOPY is located on the same folder that contain image and open Azure CLI on the same path that the image holds it)**

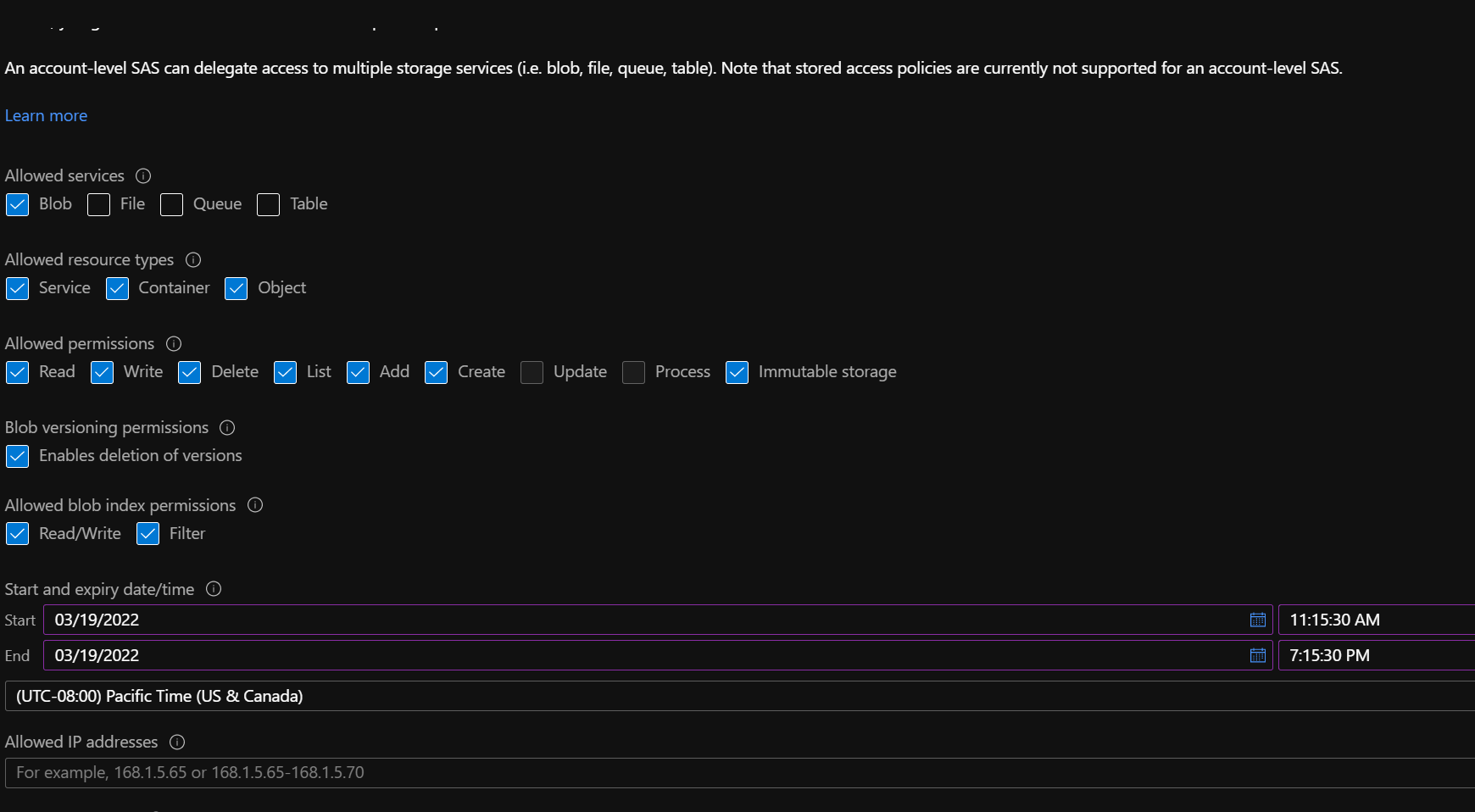


**2-go go azure Default directory and take tenant id and then login on the command line azure under the directory that have the azcopy**

**azcopy login --tenant-id e77a933e-e20b-4fc5-9b03-75341b76ea5c**



3-on the azure storage account > shared access signature



**(Make sure to check to service and container to allow AzCopy to create container)**

**(We copy the SASS Token and on the?sv and check for the base URI as enbehstorage )**

**4-commands:-**

**A-Create Container**

**// to create a container by add the /data which refer to container name**

**azcopy make "https://enbehstorage.blob.core.windows.net/data?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D"**

**B-Upload File**

**//we set the source file newFile.txt and destination SASS target /data/file1.txt to target**

**azcopy copy newFile.txt "https://enbehstorage.blob.core.windows.net/data/file1.txt?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D"**

**C-Upload Folder Contents without folder itself (without the directory)**

**(We see here that we set URI as data without newDir)**

**azcopy copy "newdir/\*" "https://enbehstorage.blob.core.windows.net/data?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D"**

**D-Upload Folder Contents With folder itself**

**(We see here that we set URI as data with newDir)**

**azcopy copy "newdir/\*" "https://enbehstorage.blob.core.windows.net/data/newdir?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D"**

**E-Upload Folder with sub folders**

**azcopy copy "newdir/\*" “**[**https://enbehstorage.blob.core.windows.net/data/newdir?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D**](https://enbehstorage.blob.core.windows.net/data/newdir?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D)**” --recursive**

**F-Download Blob Data**

**(We set the source the SASS URL of the target file and destination the file on directory)**

**azcopy copy "https://enbehstorage.blob.core.windows.net/data/newdir/file1Tst.txt?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D" "file1Tst.txt"**

**E-Download Directory with Sub folder and files**

**(We set the source that SASS URL of the target file and destination the current directory which download all content of the directory on the SASS URL)**

**azcopy copy "https://enbehstorage.blob.core.windows.net/data/newdir?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:15:30Z&st=2022-03-19T18:15:30Z&spr=https&sig=xhK1qhWlxMJMO1rsl0pcu7KP5IMbr%2FPsa%2Fbkm8eHnLM%3D" "." --recursive**

**// copy data between two storage accounts**

**(We set the source is the source storage account SASS URL with the /data and the destination is the SASS URL of the destination storage account with /data)**

**azcopy copy "https://enbehstorage.blob.core.windows.net/data?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:40:25Z&st=2022-03-19T18:40:25Z&spr=https&sig=ZUI2feO47XdaAjwfQX2UicyKIzm4IKd8kYYOe2%2FyN6o%3D" "https://enbeh2storage.blob.core.windows.net/data?sv=2020-08-04&ss=b&srt=sco&sp=rwdlacitfx&se=2022-03-20T02:39:46Z&st=2022-03-19T18:39:46Z&spr=https&sig=VK3sCxknWwrSKgCO%2BxhhKSd2HNBLLIzfGwxjl7qsQ6Y%3D" --recursive**