



Azure 103 Module 2

Hands On - 16

Azure Certification Training

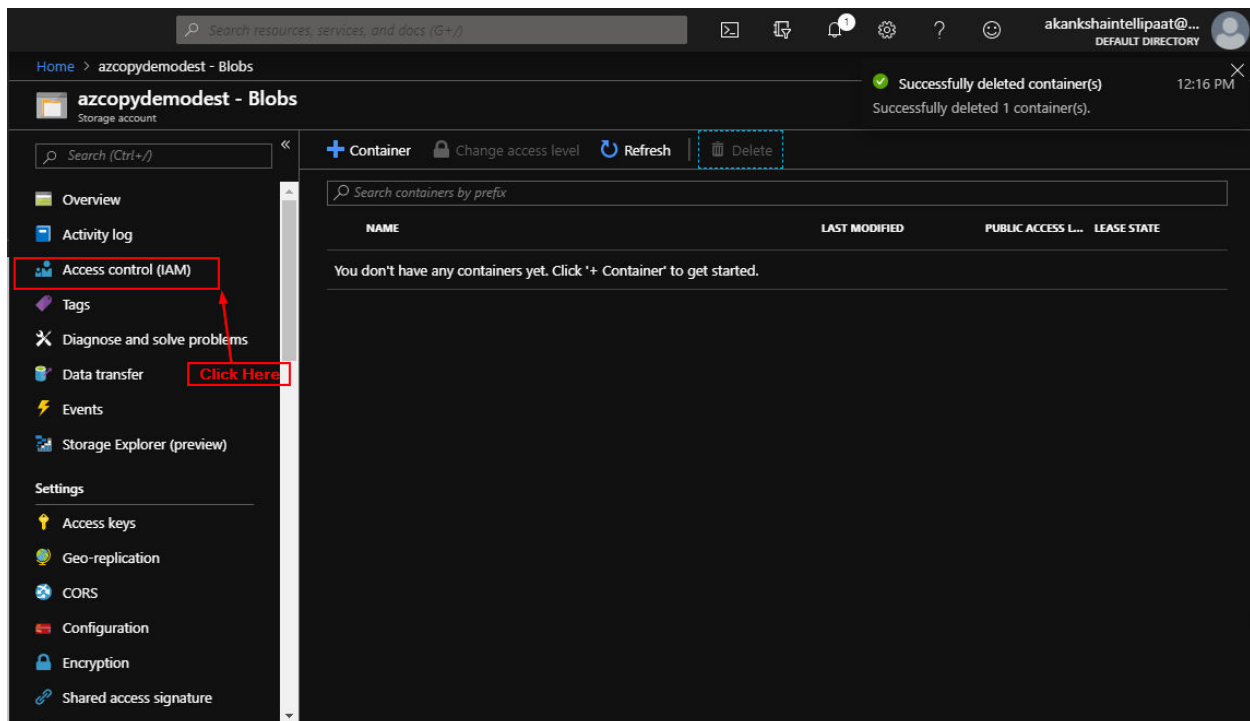
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Azure 103 Module 2, Hands On – 16

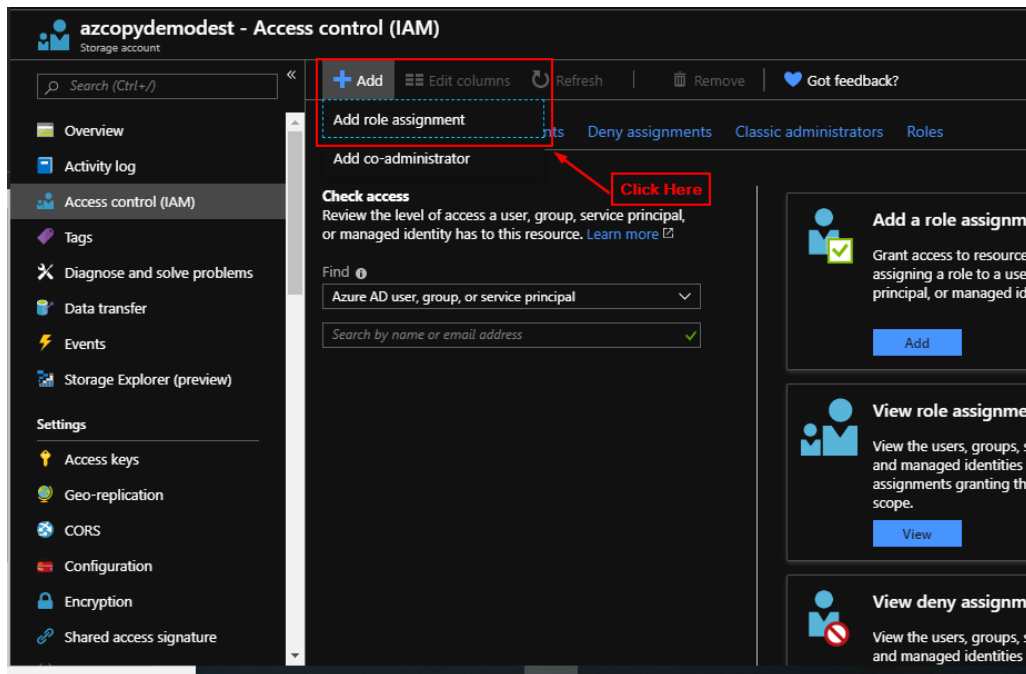
Using AZCopy.

Step 1: Create two storage accounts (e.g. azcopysrc and azcopydemodest).

Step 2: Go to these Storage Accounts and click on Access Control IAM.



Step 3: Click on Add > Add Role Assignments. Click on Add > Add Role Assignments.



Step 4: Select "Storage Blob Data Contributor" as Role and Select your email address from the list as Selected Member and Click Save (Do this for both storage accounts source and destination).

Add role assignment

Role

Storage Blob Data Contributor

Assign access to

Azure AD user, group, or service principal

Select

Search by name or email address

AR

Akanksha Rana
akankshaintellipaat@gmail.com

Selected members:

AR

Akanksha Rana
akankshaintellipaat@gmail.com

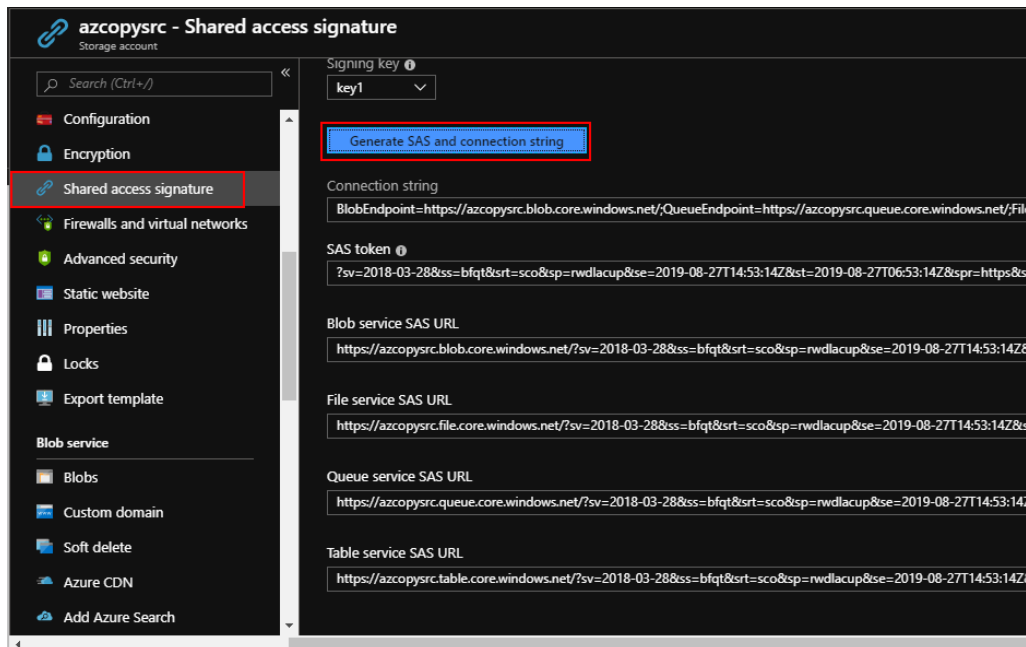
Remove

Click here

Save

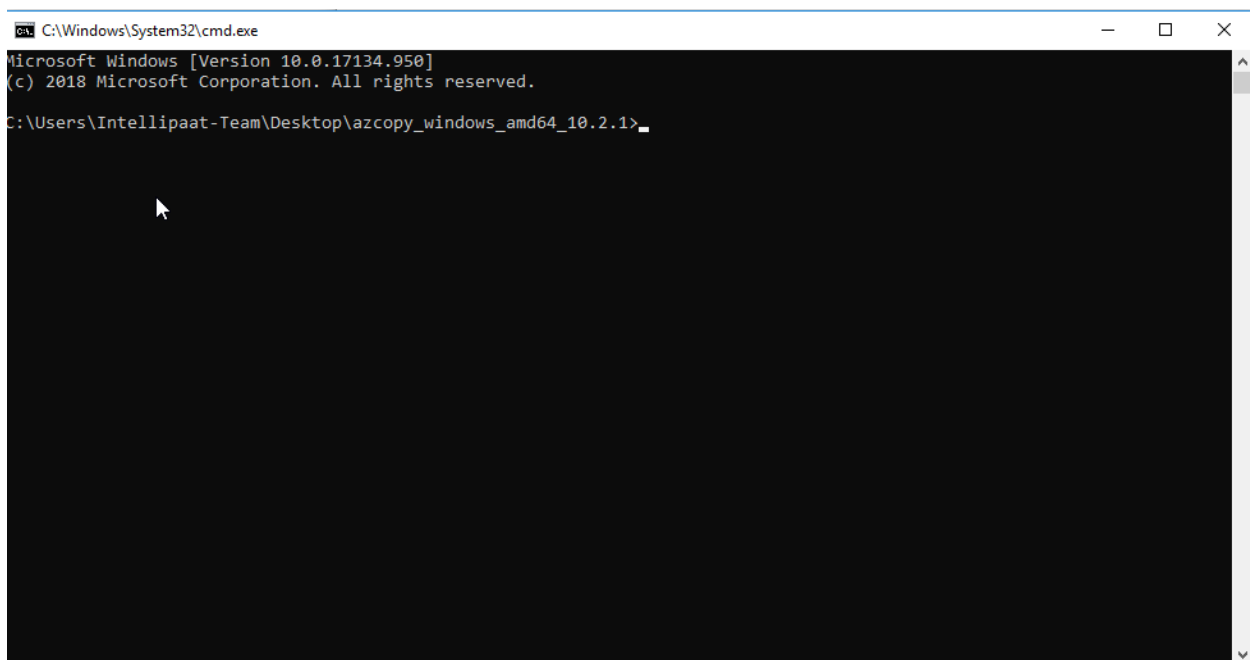
Discard

Step 5: Open a storage account generate and copy it's Blob Service SAS URL (Do this for both storage accounts (source and destination)).



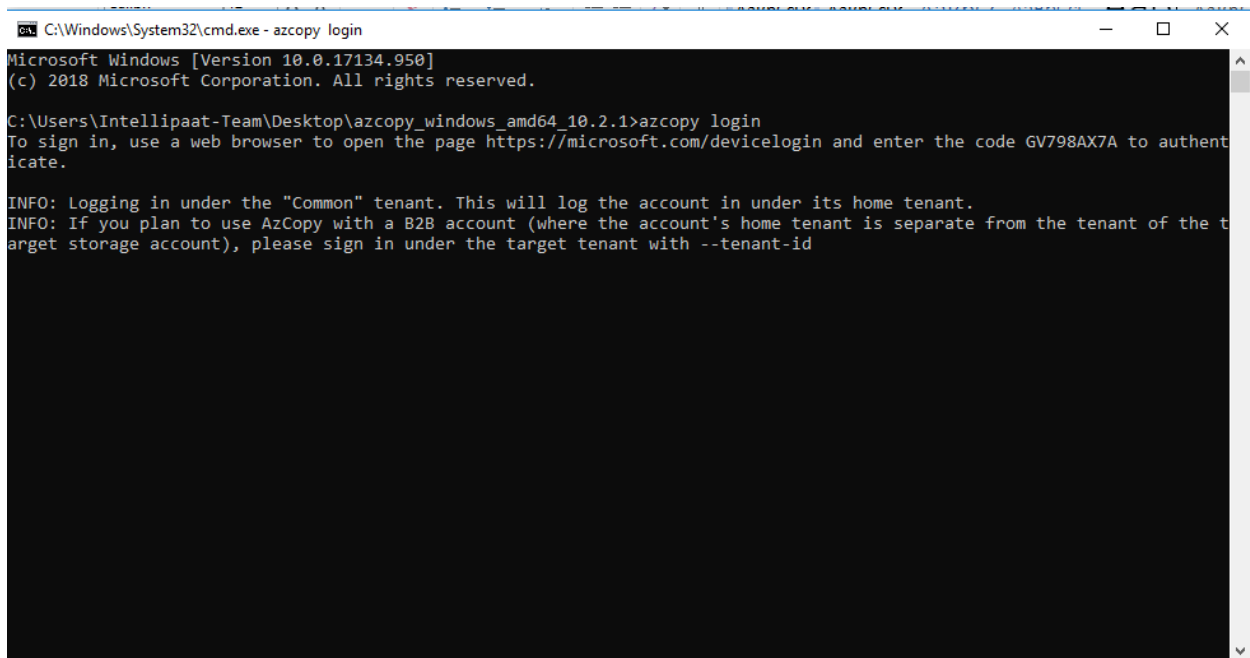
Step 6: Download azcopy from this URL: <https://aka.ms/downloadazcopy-v10-windows>.

Step 7: Extract it to a folder and open Terminal/CMD in that folder.



Step 8: azcopy login follow the instructions on the prompt (if it doesn't work Go to Azure Active Directory > Properties and Copy Directory ID and use command: azcopy long --tenant-

id=<tenant-id> (replace tenant id with Directory ID you copied)).

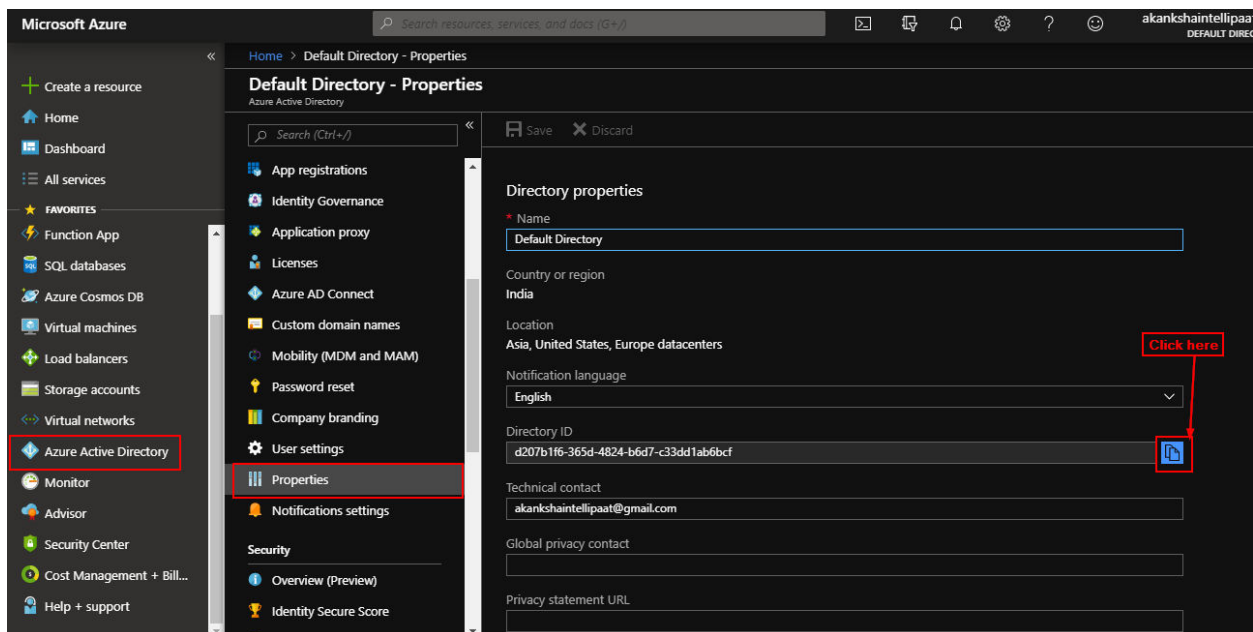


```

C:\Windows\System32\cmd.exe - azcopy login
Microsoft Windows [Version 10.0.17134.950]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Intellipaateam\Desktop\azcopy_windows_amd64_10.2.1>azcopy login
To sign in, use a web browser to open the page https://microsoft.com/devicelogin and enter the code GV798AX7A to authenticate.

INFO: Logging in under the "Common" tenant. This will log the account in under its home tenant.
INFO: If you plan to use AzCopy with a B2B account (where the account's home tenant is separate from the tenant of the target storage account), please sign in under the target tenant with --tenant-id
  
```



Step 9: After login type this command (replace first URL with source storage account url and SAS token and second with destination): `azcopy copy "https://<source-storage-account-name>.blob.core.windows.net/<container-name>?<SAS-token>" "https://<destination-storage-account-name>.blob.core.windows.net/<container-name>?<SAS-token>" -recursive`

C:\Windows\System32\cmd.exe

```
C:\Users\Intellipaat-Team\Desktop\azcopy_windows_amd64_10.2.1>azcopy copy "https://azcopysrc.blob.core.windows.net/018-03-28&ss=bfqt&srt=sco&sp=rwdlacup&se=2019-08-27T14:42:09Z&st=2019-08-27T06:42:09Z&spr=https&sig=78fAhPhDaxv3g1vtKvpaP8fKApYk%3D" "https://azcopydemodest.blob.core.windows.net/?sv=2018-03-28&ss=bfqt&&se=2019-08-27T14:43:25Z&st=2019-08-27T06:43:25Z&spr=https&sig=L6FeZ4kMEnZhbz2IPHY67iMyC%2BV%2Be5VaREcursive
INFO: Scanning...
INFO: trying to copy the source account

Job f1593865-61d4-e649-58f7-18b5ffddf426 has started
Log file is located at: C:\Users\Intellipaat-Team\.azcopy\f1593865-61d4-e649-58f7-18b5ffddf426.log
0 Done, 0 Failed, 1 Pending, 0 Skipped, 1 Total, 2-sec Throughput (Mb/s): 0.0666

Job f1593865-61d4-e649-58f7-18b5ffddf426 summary
Elapsed Time (Minutes): 0.0667
Total Number Of Transfers: 1
Number of Transfers Completed: 1
Number of Transfers Failed: 0
Number of Transfers Skipped: 0
TotalBytesTransferred: 16642
Final Job Status: Completed

C:\Users\Intellipaat-Team\Desktop\azcopy_windows_amd64_10.2.1>
```