**How to add users for AWS Transfer Family in Secret Manger**

For an external system to access the AWS Transfer Family, their SSH Public Key must be added to the secret manager in a certain format. To make it easy for the end-user, the attached excel sheet macro is created which provides the final AWS CLI command that needs to be executed on the AWS Cloud shell. The AWS CLI command is generated by passing the mandatory data into the excel sheet tabs which are self-explanatory.

* Step 1: Identify the name of the target s3 bucket and subfolder in which we need the external system to place the file.

*Note: The base S3 buckets are created as part of the code deployment. Any subfolders underneath the base directory must be created manually if required.*

* Step 2: Update the columns in the excel sheet based on the example provided. Columns like username, group admin name, destination S3 directory, IP address for IP whitelisting, SSH public keys of externals, and expiry date for the SSH key.
  + Note:
    - The username and group admin name can be the same for simple systems (Eg: KO).
    - The SSH Key expiry date is mandatory as many systems have the requirement to update the SSH key once every year. This last updated date sends a notification to emails ids provided in the email sent when the keys are close to the expiry date. If this is not a requirement, kindly update the end date as the year 2100 (can be updated then ϑ).
* Step 3: Copy the final CLI command generated by excel and run it in the cloud shell. (A runtime in AWS to execute CLI commands)
* Step 4: Verify the user details in the Secret Manager. It should look like the final picture provided.

**Step 1 : Get the S3 Bucket names :**

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Step 3 : Run commands in CloudShell

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated

Step 4 : After successful user creation in the Secret Manager. Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated