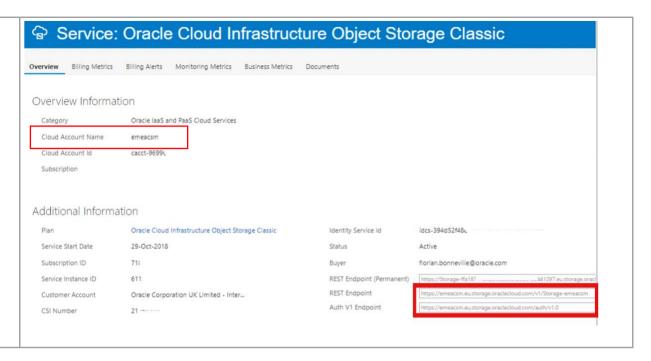
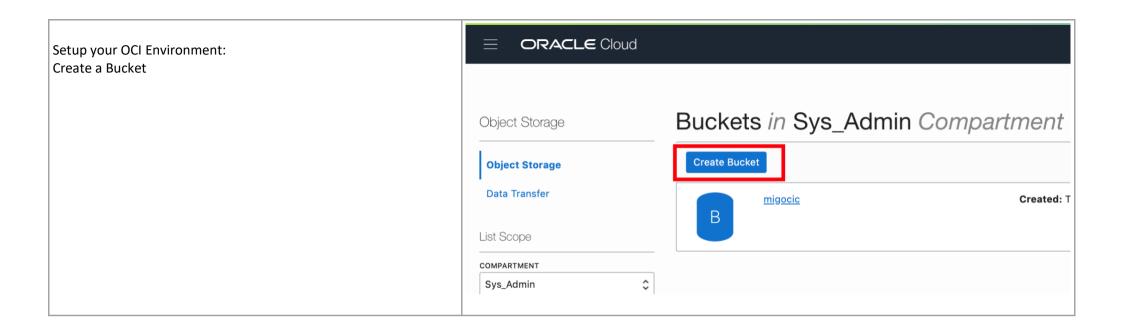
## Migrate Object Storage Classic to Oracle Cloud Infrastructure

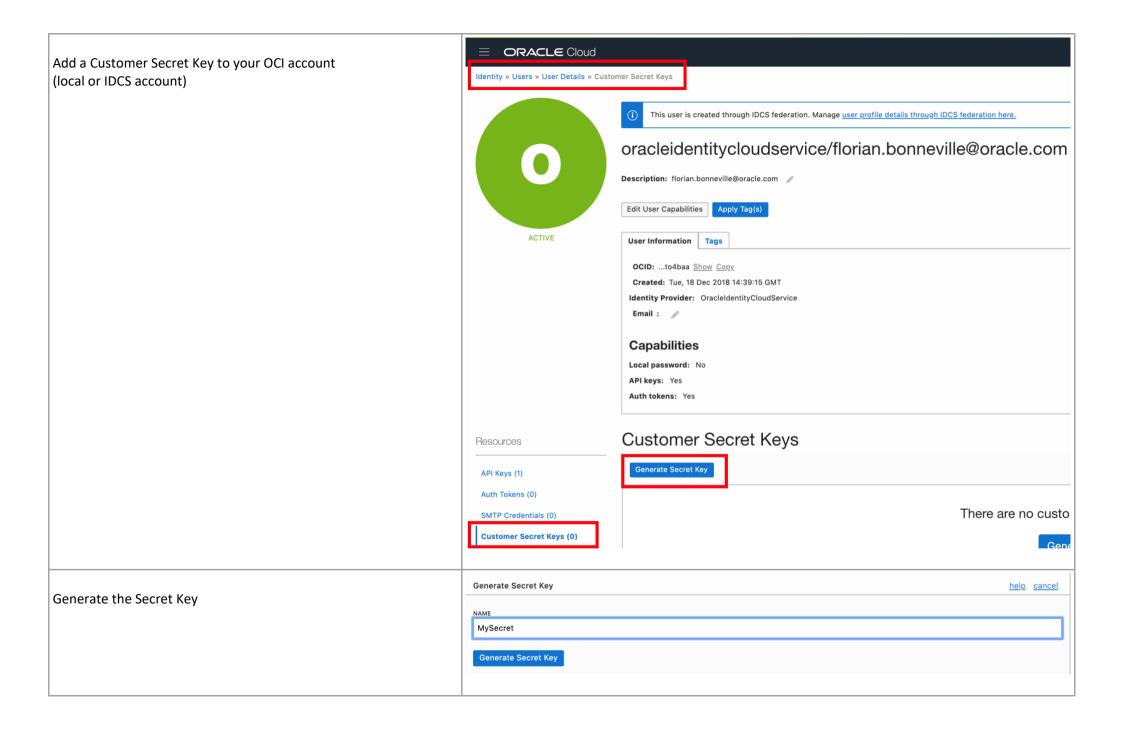
 $\label{lem:source:https://docs.oracle.com/en/cloud/iaas/compute-iaas-cloud/migrate-oci/migrate-object-storage.html \#GUID-A0D34FD1-1908-4653-BEB8-EF054C5E2083$ 

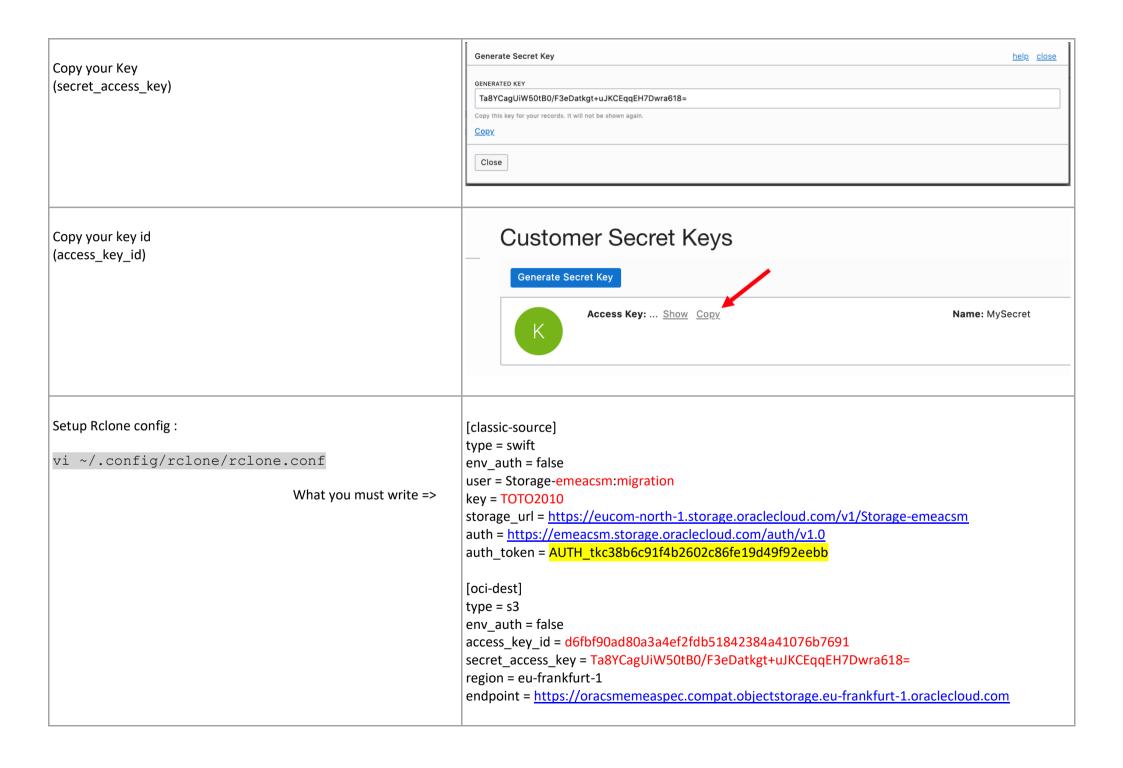
First, connect to your Storage Classic summary from the MyServices Dashboard to get your Cloud Account Name and your Rest Endpoint



```
* About to connect() to emeacsm.eu.storage.oraclecloud.com port 443 (#0)
Now you must get an Auth Token
/!\ The Auth Token is ONLY valid for 30 minutes!
                                                               * Trying 150.12.123.1...
                                                                * Connected to emeacsm.eu.storage.oraclecloud.com (150.12.123.1) port 443 (#0)
                                                                * Initializing NSS with certpath: sql:/etc/pki/nssdb
vou will need:
Your Cloud Account Name, here: emeacsm
                                                                * CAfile: /etc/pki/tls/certs/ca-bundle.crt
Your Cloud Account User, here: migration
                                                                CApath: none
Your Cloud Account Password, here: TOTO2010
                                                                * SSL connection using TLS ECDHE RSA WITH AES 128 GCM SHA256
Your Auth V1 Endpoint, here:
                                                                * Server certificate:
https://emeacsm.eu.storage.oraclecloud.com/auth/v1.0
                                                                     subject: CN=*.eu.storage.oraclecloud.com,OU=Oracle CSEC SLOUGH....
                                                                     start date: Oct 08 00:00:00 2018 GMT
curl -v -X GET \
                                                                     expire date: Jan 06 12:00:00 2021 GMT
     -H "X-Storage-User: Storage-emeacsm:migration" \
                                                                     common name: *.eu.storage.oraclecloud.com
     -H "X-Storage-Pass: TOTO2010" \
                                                                     issuer: CN=DigiCert SHA2 Secure Server CA,O=DigiCert Inc,C=US
    https://emeacsm.eu.storage.oraclecloud.com/auth/v1.0
                                                               > GET /auth/v1.0 HTTP/1.1
                                     What you should get =>
                                                               > User-Agent: curl/7.29.0
                                                               > Host: emeacsm.eu.storage.oraclecloud.com
                                                               > Accept: */*
                                                               > X-Storage-User: Storage-emeacsm:migration
                                                               > X-Storage-Pass: TOTO2010
                                                               < HTTP/1.1 200 OK
                                                               < date: 1555452982446
                                                               < X-Auth-Token: AUTH tkc38b6c91f4b2602c86fe19d49f92eebb
                                                               < X-Storage-Token: AUTH tkc38b6691f4b233386fe19d49f92aabb
                                                               < X-Storage-Url: https://eucom-north-1.storage.oraclecloud.com/v1/Storage-emeacsm
                                                               < Content-Length: 0
                                                               < Server: Oracle-Storage-Cloud-Service
                                                               * Connection #0 to host emeacsm.eu.storage.oraclecloud.com left intact
Install Rclone:
sudo yum install rclone -y
mkdir ~/.config/rclone/
```







List your Classic Object Storage, if you get an error, your Auth Token has probably expired (30') Identify your source bucket here: Migration  rclone -v lsd classic-source:  What you should get =>	4660567187 2019-04-16 22:51:38 130 Migration 0 2019-04-16 22:51:38 1 compute_images 1166160016 2019-04-16 22:51:38 45 compute_images_segments 13084989352 2019-04-16 22:51:38 2004 dbcs-javaTest3
List your OCI Object Storage Identify your target bucket here: migocic  rclone -v lsd oci-dest:  What you should get =>	-1 2019-02-27 02:01:16 -1 Archive -1 2019-01-21 17:56:17 -1 Florian -1 2019-02-04 11:51:34 -1 ImportedVM -1 2019-03-21 10:50:42 -1 TestBkt -1 2019-04-15 18:26:37 -1 data -1 2019-04-16 22:40:00 -1 migocic
rclone -Ilog-level DEBUG copy classic-source:Migration oci-dest:migocic  What you should get =>	2019/04/16 22:54:44 DEBUG : rclone: Version "v1.47.0" starting with parameters ["rclone" "-I" 2019/04/16 22:54:44 DEBUG : Using config file from "/home/opc/.config/rclone/rclone.conf" 2019/04/16 22:54:45 INFO : S3 bucket migocic: Waiting for checks to finish 2019/04/16 22:54:45 INFO : S3 bucket migocic: Waiting for transfers to finish 2019/04/16 22:54:45 INFO : DtcInstall.log: Copied (new) 2019/04/16 22:54:45 INFO : HelpPane.exe: Copied (new) 2019/04/16 22:54:45 INFO : PFRO.log: Copied (new) 2019/04/16 22:54:45 INFO : ServerStandard.xml: Copied (new) 2019/04/16 22:54:46 INFO : WindowsShell.Manifest: Copied (new) 2019/04/16 22:54:46 INFO : WMSysPr9.prx: Copied (new) 2019/04/16 22:54:46 INFO : bfsvc.exe: Copied (new) 2019/04/16 22:54:46 INFO : WindowsUpdate.log: Copied (new)  Transferred:

ORACLE Cloud What you should get on OCI => migocic **Update Visibility** Apply Tag(s) Change Compartment Delete **Bucket Information** Tags Namespace: oracsmemeaspec Storage Tier: Standard ETag: ef8722b7-1b79-4451-ab99-96dfd8127234 Approximate Count: 27 objects (i) Encryption Key: None Assign <u>Developer tools</u> are available for advanced object operations. Objects Resources Objects **Upload Object Restore Object** Metrics bfsvc.exe **Pre-Authenticated Requests** bootstat.dat **Work Requests** DtcInstall.log Lifecycle Policy Rules explorer.exe HelpPane.exe hh.exe Isasetup.log