# **Mobius 12.1 DEMO**

1. **Authentication**

**$ kubectl get deployment/asg-mobius-view -n zenith -o=yaml**

…….

- name: ASG\_SECURITY\_OPENIDCONNECTTWO\_SERVICETOKENSETTINGS\_OIDCCONFIG\_SERVICETOKENURL

value: http://asg-idp-service-http:80/auth/realms/master/protocol/openid-connect/token

- name: ASG\_SECURITY\_OPENIDCONNECTTWO\_SERVICETOKENSETTINGS\_OIDCCONFIG\_TENANTCODE

value: zenith

- name: ASG\_SECURITY\_OPENIDCONNECTTWO\_SERVICETOKENSETTINGS\_OIDCCONFIG\_SERVICETOKENS\_0\_NAME

value: mobiusview

- name: ASG\_SECURITY\_OPENIDCONNECTTWO\_SERVICETOKENSETTINGS\_OIDCCONFIG\_SERVICETOKENS\_0\_CLIENTID

value: zenith-mobius-view-s2s

- name: ASG\_SECURITY\_OPENIDCONNECTTWO\_SERVICETOKENSETTINGS\_OIDCCONFIG\_SERVICETOKENS\_0\_CLIENTSECRET

valueFrom:

secretKeyRef:

key: value

name: asg-mobius-view-service-client-secret

…….

**$ kubectl get secret asg-mobius-view-service-client-secret -n zenith -o=yaml**

apiVersion: v1

data:

value: NzAyMmNiMjgtMWVjZi00NjI4LWJmZWQtODZhMjY0ODgxNTM2

kind: Secret

metadata:

creationTimestamp: "2023-03-03T20:39:34Z"

name: asg-mobius-view-service-client-secret

namespace: zenith

resourceVersion: "4505"

uid: c62041cc-6a36-42cb-9027-2b4a9f0b8ae0

type: Opaque

<https://www.base64decode.org/>

Interfaz de usuario gráfica, Texto, Aplicación, Correo electrónico

Descripción generada automáticamente

**clientID**: zenith-mobius-view-2s2

**clientSecret**: 7022cb28-1ecf-4628-bfed-86a264881536

$ **MobiusRemoteCLI configure**

Mobius CLI tool

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List of Configurations Available:

[1] Repository

[2] Basic Authentication

[3] Oauth Authentication

[4] OAuth Client Credentials

[5] Headers

[6] Cookies

[\*] Quit

Please enter one of the [] values: 4

List of Actions Available:

[S] Set

[V] View

[U] Unset

[#] Previous Menu

[\*] Quit

Please enter one of the [] values: S

OAuth Client Credentials

Token URL: http://asg-idp-service-http:80/auth/realms/master/protocol/openid-connect/token

Client ID: zenith-mobius-view-s2s

Client Secret: 7022cb28-1ecf-4628-bfed-86a264881536

Save or Cancel [Y, N]: Y

The configuration has been saved successfully.

List of Actions Available:

[S] Set

[V] View

[U] Unset

[#] Previous Menu

[\*] Quit

Please enter one of the [] values: \*

$ **cat $HOME/asg/mobius/mobius-cli/application.yaml**

asg:

mobius:

cli:

repos:

- repositoryName: "Mobius"

repositoryUrl: "http://asg-mobius-view:80/mobius"

userName: "ADMIN"

user:

clientCredentials:

tokenUrl: "http://asg-idp-service-http:80/auth/realms/master/protocol/openid-connect/token"

clientId: "zenith-mobius-view-s2s"

clientSecret: "ASG\_ENC(NSVKfu6pyt0G5Z0LwlFJHhhTftzcBmmHIzY/k3zxnKZnxXnpW4Sys6r/9H4YIqSK)"

$ **cat HOME/asg/security/secret.sec**

5##)MbIPy?%\_vFx\*5Cm0G15MLc0rV/SK.cY

$ **cat job\_mobius12\_demo\_ca20.yaml**

apiVersion: batch/v1

kind: Job

metadata:

name: mobius12-demo

namespace: zenith

spec:

template:

spec:

containers:

- name: mobius12-demo

image: registry.rocketsoftware.com/mobius\_demo:12.1.0

env:

- name: MV\_URL

value: "http://asg-mobius-view:80/mobius"

- name: MV\_REPOSITORY

value: "Mobius"

- name: MV\_TOKEN\_URL

values: "http://asg-idp-service-http:80/auth/realms/master/protocol/openid-connect/token"

- name: MV\_CLIENT\_ID

value: "zenith-mobius-view-s2s"

- name: MV\_CLIENT\_SECRET

value: "ASG\_ENC(NSVKfu6pyt0G5Z0LwlFJHhhTftzcBmmHIzY/k3zxnKZnxXnpW4Sys6r/9H4YIqSK)"

- name: MV\_SECRET\_SEC

value: "5##)MbIPy?%\_vFx\*5Cm0G15MLc0rV/SK.cY"

volumeMounts:

- mountPath: /mnt/efs

name: mobius-pv-storage

restartPolicy: Never

volumes:

- name: mobius-pv-storage

persistentVolumeClaim:

claimName: mobius-efs

backoffLimit: 4

1. **Check docker images (optional)**

$ **docker ps**

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

9dac57990c0e ghcr.io/k3d-io/k3d-proxy:5.4.6 "/bin/sh -c nginx-pr…" 3 days ago Up 16 minutes 0.0.0.0:4001-4002->4001-4002/tcp, :::4001-4002->4001-4002/tcp, 0.0.0.0:4200-4201->4200-4201/tcp, :::4200-4201->4200-4201/tcp, 0.0.0.0:4300->4300/tcp, :::4300->4300/tcp, 0.0.0.0:8080->8080/tcp, :::8080->8080/tcp, 0.0.0.0:8443->8443/tcp, :::8443->8443/tcp, 0.0.0.0:9080->9080/tcp, :::9080->9080/tcp, 80/tcp, 0.0.0.0:9443->9443/tcp, :::9443->9443/tcp, 0.0.0.0:44205->6443/tcp k3d-zenith-serverlb

9e1ca8865b9d rancher/k3s:v1.24.4-k3s1 "/bin/k3s agent" 3 days ago Up 16 minutes k3d-zenith-agent-1

225156642db1 rancher/k3s:v1.24.4-k3s1 "/bin/k3s agent" 3 days ago Up 16 minutes k3d-zenith-agent-0

**473a4a017516** rancher/k3s:v1.24.4-k3s1 "/bin/k3s server --d…" 3 days ago Up 16 minutes k3d-zenith-server-0

Select “container id” for k3d-zenith-server, filter images with ‘mobius’

$ **docker exec 473a4a017516 sh -c "ctr image list | grep mobius"**

375537116202.dkr.ecr.us-east-1.amazonaws.com/mobius-view:12.1.0006 application/vnd.docker.distribution.manifest.v2+json sha256:7193e3a495c90a2c7b02cde79ecafa129ea6af5c248a5014f44c491a9b840b0e 752.1 MiB linux/amd64 io.cri-containerd.image=managed

375537116202.dkr.ecr.us-east-1.amazonaws.com/mobius-view@sha256:7193e3a495c90a2c7b02cde79ecafa129ea6af5c248a5014f44c491a9b840b0e application/vnd.docker.distribution.manifest.v2+json sha256:7193e3a495c90a2c7b02cde79ecafa129ea6af5c248a5014f44c491a9b840b0e 752.1 MiB linux/amd64 io.cri-containerd.image=managed

registry.rocketsoftware.com/mobius\_demo:12.0.0 application/vnd.docker.distribution.manifest.v2+json sha256:7035bc0070d78aef3e53ea73173e20f2828d53ccad69796ad635b0e5d68b40fa 1.1 GiB linux/amd64 io.cri-containerd.image=managed

registry.rocketsoftware.com/mobius\_demo:12.1.0 application/vnd.docker.distribution.manifest.v2+json sha256:0a2d6498b54618016e0080873dae9f55defdab25ed3230334bf215f94641f335 1.1 GiB linux/amd64 io.cri-containerd.image=managed

Remove mobius\_demo:12.0.0 image

$ **docker exec 473a4a017516 sh -c "ctr image rm registry.rocketsoftware.com/mobius\_demo:12.0.0"**

registry.rocketsoftware.com/mobius\_demo:12.1.0

1. **Load mobius\_demo image**

$ **k3d image load mobius\_demo\_12.1.tar -c zenith**

INFO[0002] Importing image(s) into cluster 'zenith'

INFO[0002] Starting new tools node...

INFO[0003] Starting Node 'k3d-zenith-tools'

INFO[0004] Saving 1 tarball(s) to shared image volume...

INFO[0024] Importing images into nodes...

INFO[0024] Importing images from tarball '/k3d/images/k3d-zenith-images-20230307084110-file-mobius\_demo\_12.1.tar' into node 'k3d-zenith-agent-1'...

INFO[0024] Importing images from tarball '/k3d/images/k3d-zenith-images-20230307084110-file-mobius\_demo\_12.1.tar' into node 'k3d-zenith-agent-0'...

INFO[0024] Importing images from tarball '/k3d/images/k3d-zenith-images-20230307084110-file-mobius\_demo\_12.1.tar' into node 'k3d-zenith-server-0'...

INFO[0084] Removing the tarball(s) from image volume...

INFO[0086] Removing k3d-tools node...

INFO[0087] Successfully imported image(s)

INFO[0087] Successfully imported 1 image(s) into 1 cluster(s)

1. **Delete mobius\_demo job (optional)**

$ **kubectl get job -n zenith**

NAME COMPLETIONS DURATION AGE

ecr-credentials-helper-init 1/1 6s 3d16h

secret-seed-2.0.0-be-1 1/1 44m 3d16h

seeding-tool-2.0.0-be-1 1/1 50m 3d16h

ecr-credentials-helper-27968760 1/1 9s 18h

mobius12-demo 0/1 14h 14h

$ **kubectl delete job/mobius12-demo -n zenith**

job.batch "mobius12-demo" deleted

$ **kubectl apply -f job\_mobius12\_demo\_ca20.yaml**

job.batch/mobius12-demo created

$ **kubectl logs job/mobius12-demo -n zenith**

Mobius CLI tool

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Thu Mar 09 16:59:03 2023 - Getting repository information.

Thu Mar 09 16:59:10 2023 - Repository ID: ECF8B1B3-7743-4F27-9821-453A5658A45E Repository Name: Mobius Repository Type: VDR

R

Thu Mar 09 16:59:10 2023 - XML request processing started.

Thu Mar 09 16:59:10 2023 - Unable to process request. Please check log file for details.

demo-pod:/home/demo# more mobiuscli.log

2023-03-09 16:59:10.244 [ERROR] [main] com.asg.mobiuscli.commandline.ProcessCommands:processCommands - Unexpected response status

code: '403'. Response body is: {"code":0,"message":"Administrative credentials required","link":"will be provided soon","correlatio

nId":"db87f932-4d70-4601-9504-84c35dd28dc2"}

2023-03-09 16:59:10.244 [ERROR] [main] com.asg.mobiuscli.commandline.ProcessCommands:processCommands - Unexpected response status

code: '403'. Response body is: {"code":0,"message":"Administrative credentials required","link":"will be provided soon","correlatio

nId":"db87f932-4d70-4601-9504-84c35dd28dc2"}

**User name**

demo

**First name**

Demo

**Last name**

demo

**Password**

G&LoImuR