

ORACLE

# Oracle Cloud Infrastructure

Start with OCI

---


## **Name**

Robert Korošec

Oracle

# Start with OCI

[https://apexapps.oracle.com/pls/apex/r/dbpmhttps://apexapps.oracle.com/pls/apex/r/dbpm/livelabs/run-workshop?p210\\_wid=648&p210\\_wec=&session=117340743515523/livelabs/run-workshop?p210\\_wid=648&p210\\_wec=&session=117340743515523](https://apexapps.oracle.com/pls/apex/r/dbpmhttps://apexapps.oracle.com/pls/apex/r/dbpm/livelabs/run-workshop?p210_wid=648&p210_wec=&session=117340743515523/livelabs/run-workshop?p210_wid=648&p210_wec=&session=117340743515523)

 Cloud Infrastructure

**Oracle Cloud Free Tier**

**Get started with...**

Always-Free access to essential services including:

- Autonomous Database
- Object storage

Plus, \$300 of credits for 30 days to use on even more services:

- Container Engine for Kubernetes
- Analytics Cloud
- Data Integration


**Account Information**

Country/Territory

First Name

Last Name

Email

☐ I am human 

Verify my email

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# Start with OCI

Oracle Cloud Free Tier

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- Autonomous Database
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- Container Engine for Kubernetes
- Analytics Cloud
- Data Integration

Account Information

Country/Territory

United States

First Name

Last Name

Email

Password

Confirm Password

Customer type

Corporate

Individual

Legal Company Name

Cloud Account Name

Home Region

Because of high demand for Arm Ampere A1 Compute capacity in the South Korea Central (Seoul) and Japan East (Tokyo), A1 instance availability in these regions is limited. If you plan to create A1 instances, we recommend choosing another region as your home region.

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# Start with OCI


 OCI

About Services Solutions Pricing Partners Resources

 Sign in to Oracle Cloud

ORACLE

Cloud

Cloud Account Name 

Next

Forgot your cloud account name? [Get help](#)

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Not an Oracle Cloud customer yet?

Sign Up

### Hearst Connects Oracle SaaS and Modern Data Platform

Learn how Oracle Integration Cloud and OCI Data Integration help simplify complex integration use cases in a distributed cloud environment to quickly automate data-driven experiences.

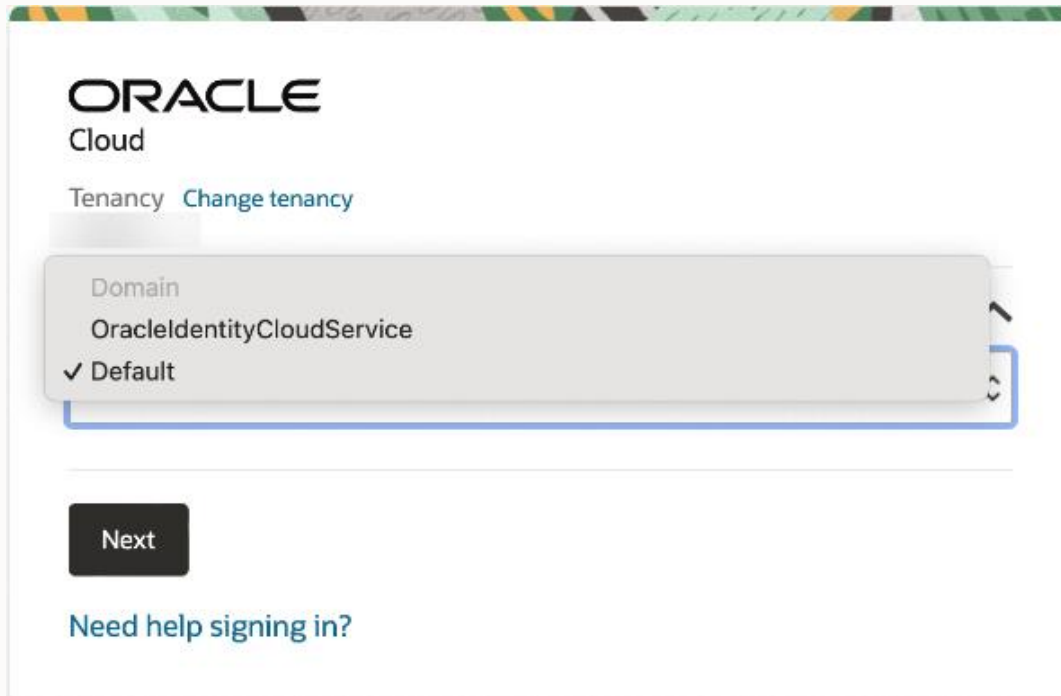
Watch the replay

### Free certification for OCI Generative AI

Stay at the forefront of the AI revolution. Get certified on OCI Generative AI for free until July 31.

Learn more

# Start with OCI



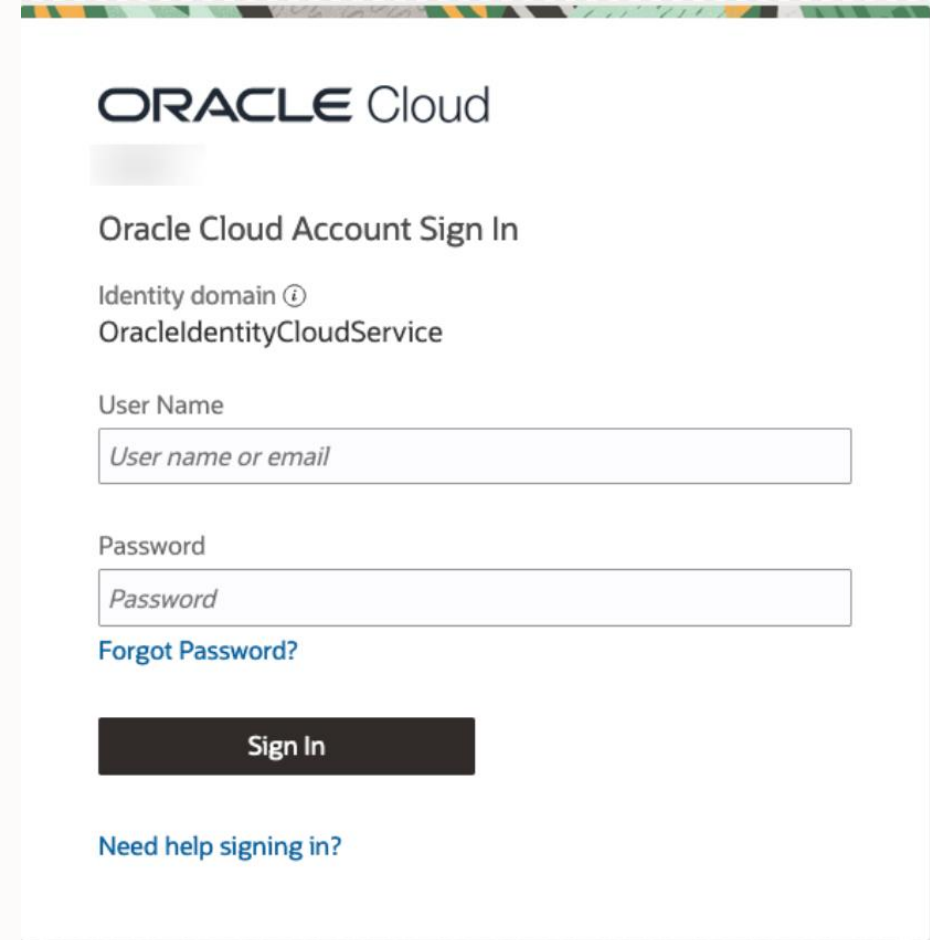
**ORACLE**  
Cloud

Tenancy [Change tenancy](#)

Domain  
OracleIdentityCloudService  
✓ Default

[Next](#)

[Need help signing in?](#)



**ORACLE** Cloud

Oracle Cloud Account Sign In

Identity domain ⓘ  
OracleIdentityCloudService

User Name

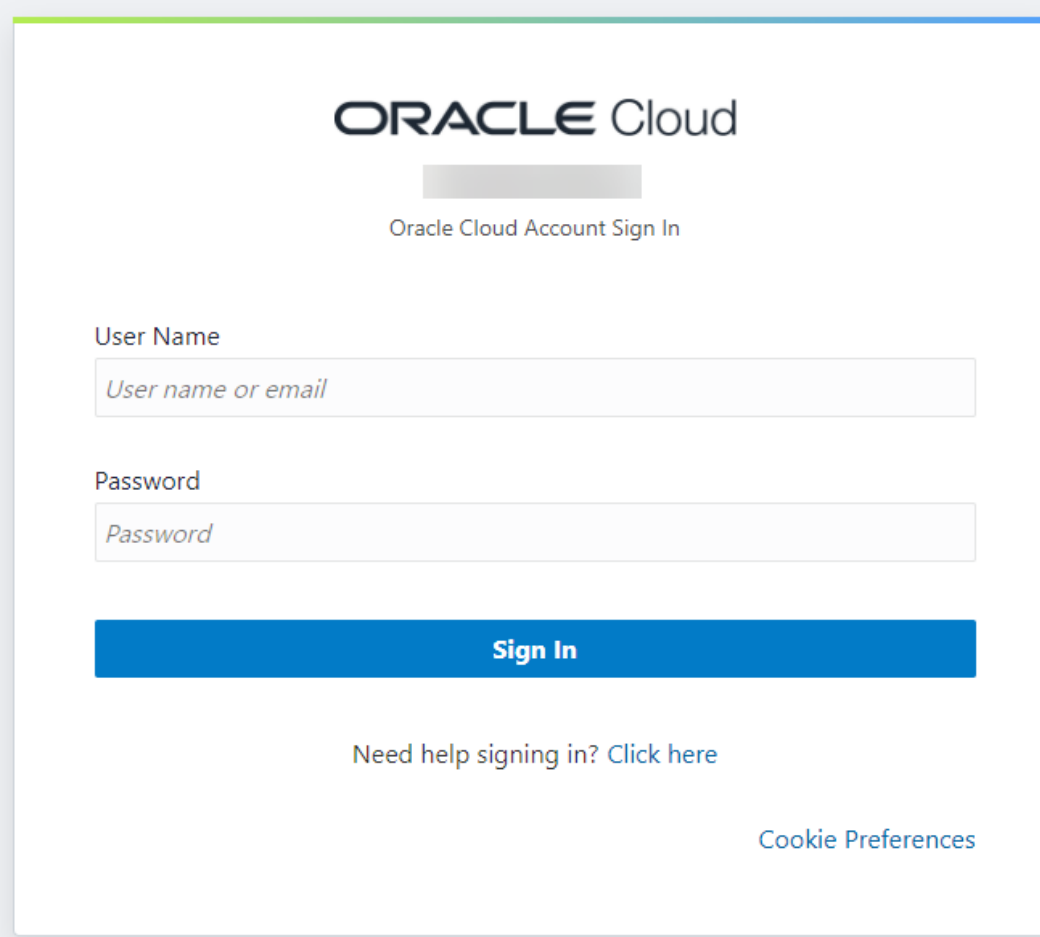
Password

[Forgot Password?](#)

[Sign In](#)

[Need help signing in?](#)

# Start with OCI



The screenshot shows the Oracle Cloud Account Sign In page. At the top, the Oracle Cloud logo is displayed. Below it is a grey rectangular button. The text "Oracle Cloud Account Sign In" is centered. There are two input fields: "User Name" with a placeholder "User name or email" and "Password" with a placeholder "Password". A blue "Sign In" button is below the fields. At the bottom, there is a link "Need help signing in? Click here" and a link "Cookie Preferences" in the bottom right corner.

ORACLE Cloud

Oracle Cloud Account Sign In

User Name

User name or email

Password

Password


Sign In

Need help signing in? [Click here](#)

[Cookie Preferences](#)

# Start with OCI

**ORACLE** Cloud




### Enable Secure Verification

Secure verification methods prove who you are. Two types of verification methods are passwordless and multi-factor authentication (MFA). Passwordless verification allows you to verify your identity without requiring you to remember a password. MFA is an extra security step to the authentication process. Your administrator might have set up one or both verification methods and require that you enroll in them before accessing your account.

Password

Proof

Secure Access

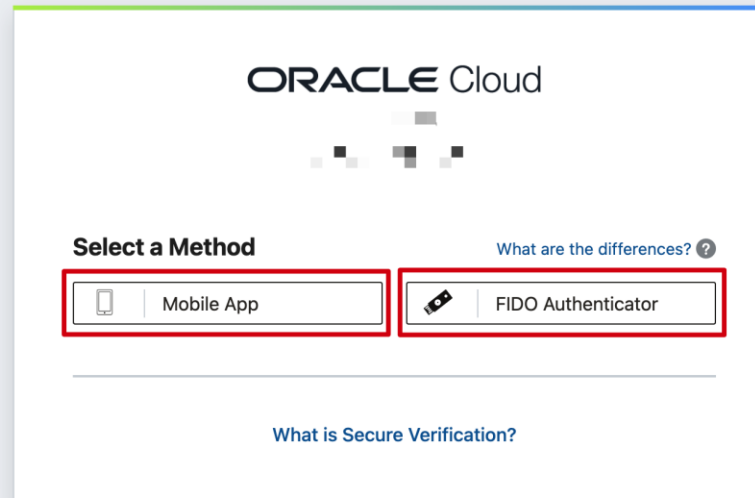


Click below to enable secure verification methods for your account.

[Enable Secure Verification](#)

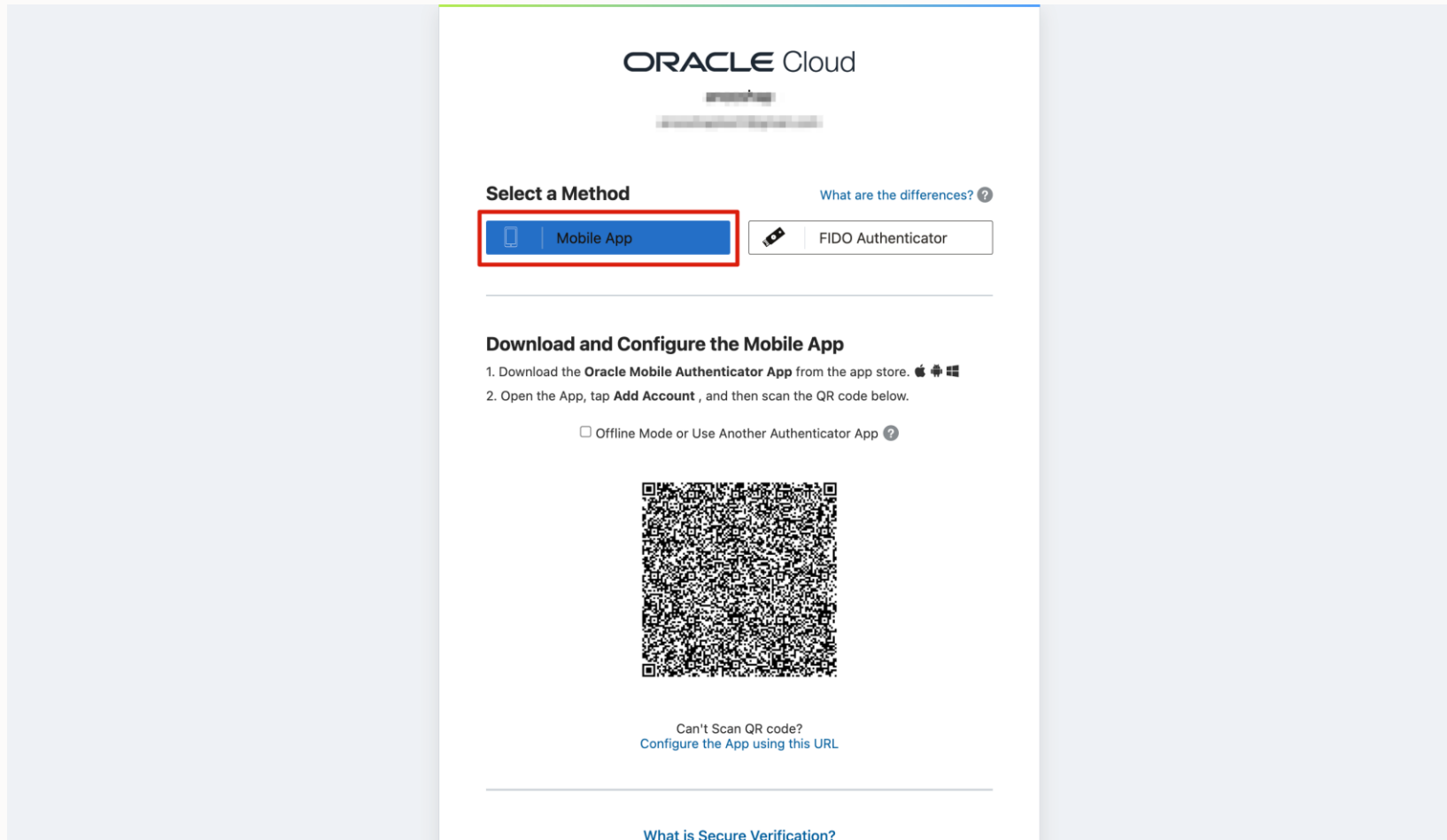
[What is Secure Verification?](#)

# Start with OCI

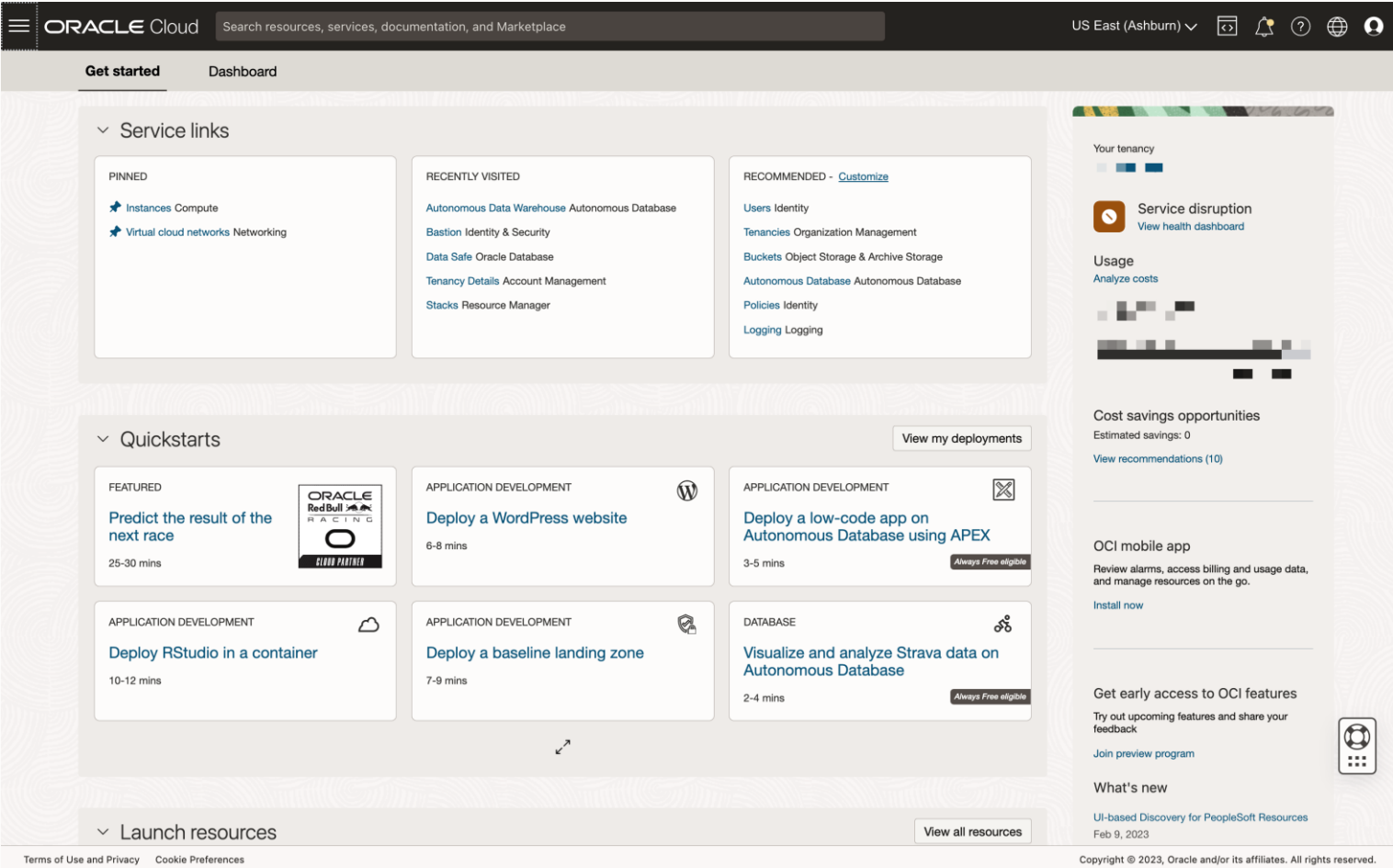





# Start with OCI









# OCI Console




# Compartments




Search resources, services, documentation, and Marketplace

US East (Ashburn)      

 Search

[Home](#)  
[Compute](#)  
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**[Identity & Security](#)**  
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Identity and Access Management



# Groups

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose)

Identity

Overview

Users

Groups

Dynamic Groups

Network Sources

Policies

Compartments

Federation

Authentication Settings

Tag Filters

add

clear

no tag filters applied

Groups

Create or manage federated groups in this tenancy. This tenancy has a federation with one or more appropriate IdP Details page.

Create Group

Delete

☐

Name

☐

☐

☐

0 Selected

1

This page creates a local group only. To create and manage federated groups, go to the [Federation page](#) to find the appropriate Identity Provider Details page.

Name

oci-group

No spaces. Only letters, numerals, hyphens, periods, or underscores.

Description

New group for oci users

[Hide Advanced Options](#)

Tags

Tagging is a metadata system that allows you to organize and track resources within your tenancy. Tags are composed of keys and values that can be attached to resources. [Learn more about tagging](#)

Tag Namespace

Tag Key

Value

None (add a free-form tag)

+ Additional Tag

Create

Cancel

☐ Create Another Group

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# Groups

ORACLE Cloud

Search for resources, services, and documentation

Identity » Groups » Group Details

G

ACTIVE

oci-group

Edit Group

Add Tags

Delete

Group Information

Tags

OCID: ...7rirna

Show

Copy

Description: New group for OCI users

Created: Mon, Aug 24, 2020, 15:15:19 UTC

Resources

Group Members

IdP Mapped Groups

Add User to Group







Name	Description	Federated	Created
No items found.			



# Policies

ORACLE Cloud

Search resources, services, documentation, and Marketplace

US East (Ashburn) 

Q Search

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 Identity & Security

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# Policies

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Groups

Dynamic Groups

Network Sources

**Policies**

Compartments

Federation

Authentication Settings

List Scope

COMPARTMENT

Demo

Policies *in Demo Compartment*

Create Policy

Delete







<input type="checkbox"/>	Name	Description	Statements	Created
No items found.				
0 Selected				No Policy to display < Page 1 >



# Policies

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose)      

Create Policy [Help](#)

Name

Policy-for-oci-group

No spaces. Only letters, numerals, hyphens, periods, or underscores.

Description

Policy for OCI Group

Compartment

Demo

(root)/Demo

Policy Builder

Show manual editor ☒

Allow group oci-group to manage all-resources in compartment Demo

Example: Allow group [group\_name] to [verb] [resource-type] in compartment [compartment\_name] where [condition]

Hide Advanced Options

Tags

Tagging is a metadata system that allows you to organize and track resources within your tenancy. Tags are composed of keys and values that can be attached to resources.

[Learn more about tagging](#)

Tag Namespace

None (add a free-form tag)

Tag Key

Value

Create

Cancel

☐ Create Another Policy





# VCN – Virtual Cloud Network

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose)

Networking

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Load Balancers

Network Visualizer

Inter-Region Latency

DNS Management

Customer Connectivity

IP Management

List Scope

Compartment

Demo

(root)/Demo

Filters

State

Any state

Virtual Cloud

Virtual Cloud Networks are

Create VCNStart V

Name
------

Start VCN Wizard

Create VCN with Internet Connectivity

Add Internet Connectivity and Site-to-Site VPN to a VCN

Creates a VCN with a public subnet that can be reached from the internet. Also creates a private subnet that can connect to the internet through a NAT gateway, and also privately connect to the Oracle Services Network.

**Includes:** VCN, public subnet, private subnet, internet gateway (IG), NAT gateway (NAT), service gateway (SG).

Start VCN Wizard

Cancel

Domain Name

Created

Showing 0 Items < 1 of 1 >



# VCN and Subnets

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose)

Create a VCN with Internet Connectivity

Help

1 Configuration

2 Review and Create

Created Virtual Cloud Network

Creating Resources

Virtual Cloud Network creation complete

▸ Create Virtual Cloud Network (1 resolved)Done

▸ Create Subnets (2 resolved)Done

▸ Create Internet Gateway (1 resolved)Done

▸ Create Route Table for Private Subnet (1 resolved)Done

▸ Create Security List for Private Subnet (1 resolved)Done

▸ Update Route Tables (1 resolved)Done

▸ Update Private Subnet (1 resolved)Done

View Virtual Cloud Network







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# Compute Instances

X

ORACLE Cloud

Search resources, services, documentation, and Marketplace

US East (Ashburn) 

Q Search

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Kubernetes Clusters (OKE)

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Artifact Registry

VMware solution

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





Getting Started with OS Management



# Compute Instances

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose)      

Create compute instance

Create an instance to deploy and run applications, or save as a reusable Terraform stack for creating an instance with Resource Manager.

Name

Web-Server

Create in compartment

Demo

Placement

Availability domain: AD-1

Fault domain: Let Oracle choose the best fault domain

Capacity type: On-demand capacity

Edit

Image and shape

Image: Oracle Linux 7.9

Image build: 2021.12.08-0

Shape: VM.Standard.E2.1.Micro Always Free-eligible

OCPU count: 1

Memory (GB): 1

Network bandwidth (Gbps): 0.48

Edit

Networking

Virtual cloud network: OCI\_HOL\_VCN

Subnet: Public Subnet-OCI\_HOL\_VCN

Launch options: -

Use network security groups to control traffic: No

Assign a public IPv4 address: Yes

DNS record: Yes

Edit


Add SSH keys

Generate an [SSH key pair](#) to connect to the instance using a Secure Shell (SSH) connection, or upload a public key that you already have.

Create

Save as stack

Cancel





# Compute Instances

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose)

Create compute instance

Networking

Networking

is how your instance connects to the internet and other resources in the Console. To make sure you can [connect to your instance](#), assign a public IP address to the instance.

Primary network

☒ Select existing virtual cloud network

☐ Create new virtual cloud network

☐ Enter subnet OCID

Virtual cloud network in **Demo**

[\(Change Compartment\)](#)

OCI\_HOL\_VCN

Subnet

☒ Select existing subnet

☐ Create new public subnet

Subnet in **Demo**

[\(Change Compartment\)](#)

Public Subnet-OCI\_HOL\_VCN (regional)

Public IP address

☒ Assign a public IPv4 address

☐ Do not assign a public IPv4 address

Assigning a public IP address makes this instance accessible from the internet. If you're not sure whether you need a public IP address, you can always assign one later.

[Show advanced options](#)

Add SSH keys

Generate an [SSH key pair](#) to connect to the instance using a Secure Shell (SSH) connection, or upload a public key that you already have.

☒ Generate a key pair for me

☐ Upload public key files (.pub)

☐ Paste public keys

☐ No SSH keys

Download the private key so that you can connect to the instance using SSH. It will not be shown again.

Create

Save as stack

Cancel



# Compute Instances

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose) > > ? >

Create compute instance

show advanced options

Add SSH keys

Generate an [SSH key pair](#) to connect to the instance using a Secure Shell (SSH) connection, or upload a public key that you already have.

☐ Generate a key pair for me

☐ Upload public key files (.pub)

☒ Paste public keys

☐ No SSH keys

SSH keys

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDdsiQUfm3QHMTmdG7kW7CxWhQzAxhcXWpP4c+edmf/GkxF6bp7lwRNT0oD8PerQdCRgThsLd2P822R09dvg8dsbECIkh50BMW

X

+ Another key

Example: ssh-rsa AAAAB3Nza...NWap6Ptb ssh-key-2021-01-27 [See all supported key types](#)

Boot volume

A [boot volume](#) is a detachable device that contains the image used to boot the compute instance.

☐ Specify a custom boot volume size

[Volume performance](#) varies with volume size. Default boot volume size: 46.6 GB. When you specify a custom boot volume size, service limits apply.

☒ Use in-transit encryption

[Encrypts data](#) in transit between the instance, the boot volume, and the block volumes.

☐ Encrypt this volume with a key that you manage

By default, Oracle manages the keys that encrypt this volume, but you can choose a key from a vault that you have access to if you want greater control over the key's lifecycle and how it's used. [How do I manage my own encryption keys?](#)

show advanced options

Create

Save as stack

Cancel



# Compute Instances

ORACLE Cloud

Search for resources, services, and documentation

US West (San Jose) > > > >

Compute » Instances » Instance details » Work requests

1

RUNNING

Web-Server

Always Free

Start

Stop

Reboot

Edit

More Actions

Instance information

Shielded instance

Oracle Cloud Agent

Tags

General information

Availability domain: AD-1

Fault domain: FD-3

Region: us-sanjose-1

OCID: ...mzaxa Show Copy

Launched: Thu, Dec 23, 2021, 04:19:30 UTC

Compartment: /Demo

Capacity type: On-demand

Instance details

Virtual cloud network: OCI\_HOL\_VCN

Maintenance reboot: -

Image: Oracle-Linux-7.9-2021.12.08-0

Launch mode: PARAVIRTUALIZED

Instance metadata service: Versions 1 and 2 Edit

Live migration: Use recommended default

Maintenance recovery action: Restore instance

Shape configuration

Shape: VM.Standard.E2.1.Micro

OCPU count: 1

Network bandwidth (Gbps): 0.48

Instance access

You connect to a running Linux instance using a Secure Shell (SSH) connection. You'll need the private key from the SSH key pair that was used to create the instance.

Public IP address: 155.248.212.100 Copy

Username: opc

Primary VNIC

Private IP address: 10.0.2.109

Network security groups: None Edit

Subnet: Public Subnet-OCI\_HOL\_VCN

Private DNS record: Enable

Hostname: web-server

Internal FQDN: web-server... Show Copy

Launch options

NIC attachment type: PARAVIRTUALIZED

Remote data volume: PARAVIRTUALIZED

Firmware: UEFI\_64

Boot volume type: PARAVIRTUALIZED

In-transit encryption: Enabled

Secure Boot: Disabled

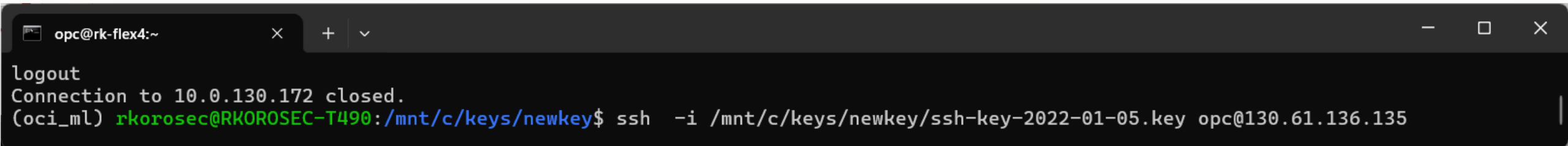
Measured Boot: Disabled



# SSH Connect

SSH to Oracle Linux in PUBLIC Subnet, „opc“ User (or „ubuntu“) and Key file

```
ssh -i /mnt/c/keys/newkey/ssh-key-2022-01-05.key opc@130.61.136.135
```

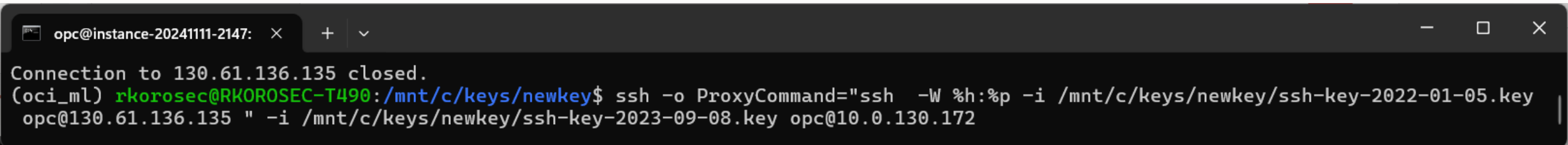


A terminal window with a dark background. The title bar shows 'opc@rk-flex4:~' and standard window controls. The terminal output shows a 'logout' message, 'Connection to 10.0.130.172 closed.', and a prompt '(oci\_ml) rkorosec@RKOROSEC-T490:/mnt/c/keys/newkey\$'. The user enters the command 'ssh -i /mnt/c/keys/newkey/ssh-key-2022-01-05.key opc@130.61.136.135'.

```
opc@rk-flex4:~  
logout  
Connection to 10.0.130.172 closed.  
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/keys/newkey$ ssh -i /mnt/c/keys/newkey/ssh-key-2022-01-05.key opc@130.61.136.135
```

SSH to Oracle Linux in PRIVATE Subnet via Jump Server

```
ssh -o ProxyCommand="ssh -W %h:%p -i /mnt/c/keys/newkey/ssh-key-2022-01-05.key opc@130.61.136.135  
" -i /mnt/c/keys/newkey/ssh-key-2023-09-08.key opc@10.0.130.172
```




A terminal window with a dark background. The title bar shows 'opc@instance-20241111-2147:' and standard window controls. The terminal output shows 'Connection to 130.61.136.135 closed.' and a prompt '(oci\_ml) rkorosec@RKOROSEC-T490:/mnt/c/keys/newkey\$'. The user enters the command 'ssh -o ProxyCommand="ssh -W %h:%p -i /mnt/c/keys/newkey/ssh-key-2022-01-05.key opc@130.61.136.135 " -i /mnt/c/keys/newkey/ssh-key-2023-09-08.key opc@10.0.130.172'.

```
opc@instance-20241111-2147:  
Connection to 130.61.136.135 closed.  
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/keys/newkey$ ssh -o ProxyCommand="ssh -W %h:%p -i /mnt/c/keys/newkey/ssh-key-2022-01-05.key  
opc@130.61.136.135 " -i /mnt/c/keys/newkey/ssh-key-2023-09-08.key opc@10.0.130.172
```












# Object Storage

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Developer Services

Identity & Security

Observability & Management


Hybrid

Migration & Disaster Recovery

Billing & Cost Management

Governance & Administration

Marketplace

 Storage

**Block Storage**

Block Volumes

Block Volume Backups

Block Volume Replicas

Volume Groups

Volume Group Backups

Volume Group Replicas

Backup Policies

**File Storage**

File Systems

Mount Targets

**Object Storage & Archive Storage**

**Buckets**

**Related services**

Data Transfer

Limits, Quotas and Usage

**Help**

Getting Started on OCI

Block Storage

File Storage


Object Storage

Archive Storage

Storage Gateways

Service Limits

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# Object Storage

Object Storage & Archive Storage

Buckets

List Scope

Compartment

Tag Filters

Buckets in **Compartment**

You can store **20 GiB** of combined Object Storage unlimited storage. [Show details.](#)

Create Bucket

Name

no tag filters applied

Create Bucket

Bucket Name

Default Storage Tier

Encryption

Tags

Tag Namespace

Tag Key

Value

Create

Cancel

bucket-demo

☒ Standard

☐ Archive

☐ Enable Auto-Tiering

☐ Enable Object Versioning

☐ Emit Object Events

☐ Uncommitted Multipart Uploads Cleanup

☒ Encrypt using Oracle managed keys

☐ Encrypt using customer-managed keys

None (add a free-form tag)

+ Additional Tag

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B

You can store 20 GiB of combined Object Storage unlimited storage. [Show details.](#)

bucket-demo

Edit Visibility

Move Resource

Re-encrypt

Bucket Information

Tags

General

Namespace:

Compartment:

Created: Fri, Dec 3, 2021, 03:02:12 UTC

ETag: e2a0270d-53f9-4a1b-9816-0ab7dc0d96df

OCID: ...cjy4zdha [Show](#) [Copy](#)

Usage

Approximate Object Count: 1 objects

Approximate Size: 3.66 KiB

Uncommitted Multipart Uploads Count: 0 uploads

Uncommitted Multipart Uploads Approximate Size

Resources

Objects

Metrics

Pre-Authenticated Requests

Work Requests

Objects

Upload

More Actions

Name

sample-file.txt

Create Pre-Authenticated Request

[Help](#)

Name

Sample-File

Pre-Authenticated Request Target

Bucket

Create a pre-authenticated request that applies to all objects in the bucket.

Object

Create a pre-authenticated request that applies to a specific object. ✓

Objects with prefix

Create a pre-authenticated request that applies to all objects with a specific prefix.

Object Name

sample-file.txt

Access Type

☒ Permit object reads

☐ Permit object writes

☐ Permit object reads and writes

Expiration

Dec 11, 2023 03:06 UTC

Create Pre-Authenticated Request

Cancel

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# OCI CLI

## LIST

oci os object list -bn makeit

```
rkorosec@RKOROSEC-T490: /  x + v
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/Users/RKOROSEC$ oci os object list -bn makeit
{
  "data": [
    {
      "archival-state": null,

```

## GET

```
rkorosec@RKOROSEC-T490: /  x + v
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ oci os object get -bn makeit --name myseminar --file
lokalna_kopija
Downloading object [#####] 100%
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$
```

## PUT

oci os object put -bn makeit --file Oracle\_Seminars.docx --name myseminar

```
rkorosec@RKOROSEC-T490: /  x + v
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ oci os object put -bn makeit --file Oracle_Seminars.doc
x --name myseminar_put
Uploading object [#####] 100%
{
  "etag": "ce0ab17b-b4fe-4703-8b0a-5e48ef9b18fb",
  "last-modified": "Fri, 08 Nov 2024 17:51:00 GMT",
  "opc-content-md5": "NzyJz+ovn5fPU0Sr5qJ+fg=="
}
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ |
```



# PAR

## Pre-Authenticated Request

### PUT

curl -X PUT [https://objectstorage.eu-frankfurt-1.oraclecloud.com/p/<PAR>/n/frnhkcj2u67r/b/makeit/o/myseminar\\_par](https://objectstorage.eu-frankfurt-1.oraclecloud.com/p/<PAR>/n/frnhkcj2u67r/b/makeit/o/myseminar_par) --upload-file myseminar1

```
rkorosec@RKOROSEC-T490: /  X + v
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ curl -X PUT https://objectstorage.eu-frankfurt-1.oraclecloud.com/
p/F_bXlaq9a4mLSg093ElTxyPbN7IB34hTrETXJGoF0HD8dvGRxIoK5GAUU2cxjvY/n/frnhkcj2u67r/b/makeit/o/myseminar_par --upload-file myseminar1
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ |
```

### GET

curl -X GET [https://objectstorage.eu-frankfurt-1.oraclecloud.com/p/<PAR>/b/makeit/o/myseminar\\_par](https://objectstorage.eu-frankfurt-1.oraclecloud.com/p/<PAR>/b/makeit/o/myseminar_par) --name myseminar4

```
rkorosec@RKOROSEC-T490: /  X + v
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ curl -X GET https://objectstorage.eu-frankfurt-1.oraclecloud.com/
p/F_bXlaq9a4mLSg093ElTxyPbN7IB34hTrETXJGoF0HD8dvGRxIoK5GAUU2cxjvY/n/frnhkcj2u67r/b/makeit/o/myseminar_par -o myseminar4
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
100 21253  100 21253    0     0  104k      0  --:--:-- --:--:-- --:--:--  104k
(oci_ml) rkorosec@RKOROSEC-T490:/mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$
```



# SWIFT

## List Bucket

`curl -v -u 'Default/robert.korosec@oracle.com:<Token>' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit\_l | jq`

```
rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ curl -u 'Default/robert.korosec@oracle.com:I2)leb9JNw.6{IFUA(pX' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit_l | jq
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left     Speed
100    447    100    447     0     0   1285      0 --:--:-- --:--:-- --:--:--  1288
[
  {
    "name": "Infoseek_2024.docx",
    "hash": "ae74b2974800978d8d13f5516ece3546",
    "bytes": 13120,
    "last_modified": "2024-11-08T13:36:08.022000",
    "content_type": null
  },
  {
    "name": "Oracle_Seminars.docx",
    "hash": "373c89cfea2f9f97cf50e4abe6a27e7e",
    "bytes": 21253,
    "last_modified": "2024-11-08T13:39:07.308000",
    "content_type": null
  },
  {
    "name": "myseminar",
    "hash": "373c89cfea2f9f97cf50e4abe6a27e7e",
    "bytes": 21253,
    "last_modified": "2024-11-08T13:39:56.613000",
    "content_type": null
  }
]
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ A
```





# SWIFT

## GET File

```
curl -u 'Default/robert.korosec@oracle.com:<Token>' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit/myseminar -o myseminar1
```

```
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ curl -u 'Default/robert.korosec@oracle.com:I2)leb9JNw.6{IFUA(pX' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit/myseminar -o myseminar1
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 21253  100 21253    0     0  6198      0  0:00:03  0:00:03 --:--:-- 6198
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ dir
Infoseek_2024.docx  Oracle_Seminars.docx  SIJ_ADB.docx  cpat.txt  lokalna_kopija  myseminar1
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ ls -l
total 104
-rwxrwxrwx 1 rkorosec rkorosec 13120 Aug 14 12:40 Infoseek_2024.docx
-rwxrwxrwx 1 rkorosec rkorosec 21253 Oct 16 23:35 Oracle_Seminars.docx
-rwxrwxrwx 1 rkorosec rkorosec 14848 Sep 25 15:18 SIJ_ADB.docx
-rwxrwxrwx 1 rkorosec rkorosec   518 Mar 29 2024 cpat.txt
-rwxrwxrwx 1 rkorosec rkorosec 21253 Nov  8 14:43 lokalna_kopija
-rwxrwxrwx 1 rkorosec rkorosec 21253 Nov  8 15:44 myseminar1
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$
```

# SWIFT

## PUT File

`curl -X PUT -u 'Default/robert.korosec@oracle.com:<Token>' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit/myseminar2 --upload-file myseminar1`

```
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ curl -X PUT -u 'Default/robert.korosec@oracle.com:I2)leb9JNw.6{IFUA(pX' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit/myseminar2 --upload-file myseminar1
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$ curl -u 'Default/robert.korosec@oracle.com:I2)leb9JNw.6{IFUA(pX' https://swiftobjectstorage.eu-frankfurt-1.oraclecloud.com/v1/frnhkcj2u67r/makeit|jq
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100   590    100   590    0    0   1639      0 --:--:-- --:--:-- --:--:--  1643
[
  {
    "name": "Infoseek_2024.docx",
    "hash": "ae74b2974800978d8d13f5516ece3546",
    "bytes": 13120,
    "last_modified": "2024-11-08T13:36:08.022000",
    "content_type": null
  },
  {
    "name": "Oracle_Seminars.docx",
    "hash": "373c89cfea2f9f97cf50e4abe6a27e7e",
    "bytes": 21253,
    "last_modified": "2024-11-08T13:39:07.308000",
    "content_type": null
  },
  {
    "name": "myseminar",
    "hash": "373c89cfea2f9f97cf50e4abe6a27e7e",
    "bytes": 21253,
    "last_modified": "2024-11-08T13:39:56.613000",
    "content_type": null
  },
  {
    "name": "myseminar2",
    "hash": "373c89cfea2f9f97cf50e4abe6a27e7e",
    "bytes": 21253,
    "last_modified": "2024-11-08T14:59:08.466000",
    "content_type": null
  }
]
(oci_ml) rkorosec@RKOROSEC-T490: /mnt/c/usr/Cloud/OCI_MakeIT_Seminars_2024/files$
```

