

How to configure Oracle OCI CLI

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1. Requirements:

We will need to generate the **private key** & **fingerprint** and copy the **tenancy_ocid** & **user_ocid** from the console to configure the OCI Provider.

The process is described in detail in the following

link: <https://docs.cloud.oracle.com/iaas/Content/API/Concepts/apisigningkey.htm>

2. Installing OCI CLI in Windows, Linux, and Unix

To install the CLI in these operating systems, open your **Terminal** and type the following command:

3. Installing OCI CLI in Windows

Open the **PowerShell** console using the **Run as Administrator** option, and type the following line to configure PowerShell execution policy:

```
Set-ExecutionPolicy RemoteSigned
```

```
powershell -NoProfile -ExecutionPolicy Bypass -Command "iex ((New-Object  
System.Net.WebClient).DownloadString('https://raw.githubusercontent.com/oracle/oci-  
cli/master/scripts/install/install.ps1'))"
```

4. Setup Python and folder settings

The installation script prompts you for the following information. If you do not have a compatible version of Python installed:

Windows & Linux: You are prompted to provide a location for installing the binaries and executables. The script will install Python for you.

When prompted to upgrade the CLI to the newest version, respond with **Y** to overwrite an existing installation.

When prompted to update your PATH, respond with **Y** to be able to invoke the CLI without providing the full path to the executable. This will add oci.exe to your PATH.

If you are running Windows, close and reopen PowerShell to allow the configuration of your path.

5. Configure OCLI CLI settings

In your terminal or PowerShell console type the following command:

oci setup config

```
PS C:\Windows\system32> oci setup config
This command provides a walkthrough of creating a valid CLI config file.

The following links explain where to find the information required by this
script:

User OCID and Tenancy OCID:

    https://docs.cloud.oracle.com/Content/API/Concepts/apisigningkey.htm#Other

Region:

    https://docs.cloud.oracle.com/Content/General/Concepts/regions.htm

General config documentation:

    https://docs.cloud.oracle.com/Content/API/Concepts/sdkconfig.htm

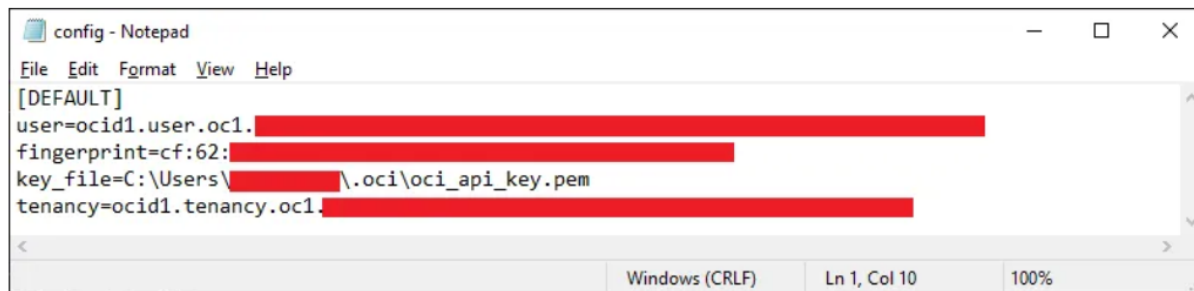
Enter a location for your config [C:\Users\██████████\.oci\config]:
File: C:\Users\██████████\.oci\config already exists. Do you want to overwrite (Removes existing profiles!!!)? [y/N]: y
Enter a user OCID: ocid1.user.oci1.████████████████████████████████████████████████████████████████████████████████
Enter a tenancy OCID: ocid1.tenancy.oci1.████████████████████████████████████████████████████████████████████████████████
Enter a region (e.g. ap-mumbai-1, ap-seoul-1, ap-sydney-1, ap-tokyo-1, ca-toronto-1, eu-frankfurt-1, eu-zurich-1, sa-saopaulo-1,
uk-london-1, us-ashburn-1, us-gov-ashburn-1, us-gov-chicago-1, us-gov-phoenix-1, us-langley-1, us-luke-1, us-phoenix-1): uk-lon
don-1
Do you want to generate a new RSA key pair? (If you decline you will be asked to supply the path to an existing key.) [Y/n]: n
Enter the location of your private key file: C:\Users\██████████\.oci\oci_api_key.pem
Fingerprint: cf:62:████████████████████████████████████████████████████████████████████████████████
Config written to C:\Users\██████████\.oci\config

If you haven't already uploaded your public key through the console,
follow the instructions on the page linked below in the section 'How to
upload the public key':

    https://docs.cloud.oracle.com/Content/API/Concepts/apisigningkey.htm#How2
```

oci setup config

The process will create a file called **config** (optionally, you can create this file manually).




```
config - Notepad
File Edit Format View Help
[DEFAULT]
user=ocid1.user.oc1.
fingerprint=cf:62:
key_file=C:\Users\...\oci\oci_api_key.pem
tenancy=ocid1.tenancy.oc1.
Windows (CRLF) Ln 1, Col 10 100%
```

Now you are ready to start with OCI!

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