Solution Engineer Assisted Workshop Day

Lab 0 – Accessing OSC Workshop

V1.2

ORACLE LAB BOOK | JANURARY 2019

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Overview

In order to do anything, you need to gain access to the data center. The easiest is browser but CISCO AnyConnect client to VPN may give you better performance on interactivity.

Pre-Requisites

- Exadata/Oracle Cloud at Customer fully configured at location
- Oracle Cloud at Customer Account
- OSC Credentials

Practice 1-1: Accessing OSC Data Center

Assumptions

Note: Some of the UIs might look a little different than the screenshots included in the instructions, but students can still use the instructions to complete the hands-on labs.

Access OSC (Secure Global Desktop) Browser

To use SGD, you should point your Browser (Firefox or Internet Explorer support, other browsers you can try) to the URL below, to access the OSC SGD Environment:

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https://access.osc.oracle.com/sgd/

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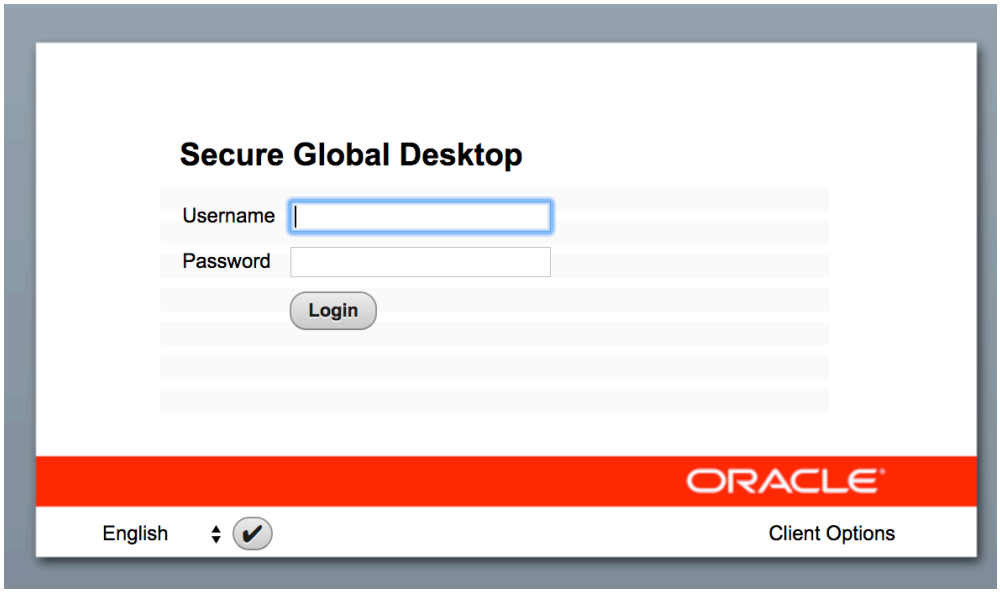
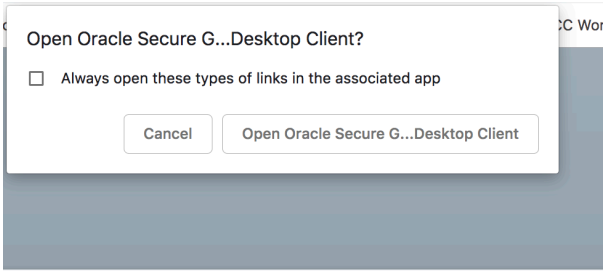
If you run into a screen when attempting to login that says "Failed to start the Secure Global Desktop Component" click on the client options and choose from the options, or use the direct links below.

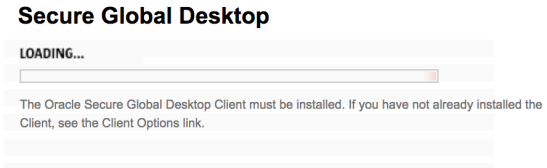
- For Java less client: https://access.osc.oracle.com/sgd/thin.jsp?clientmode=installed
- Browsers with Java Plugin: https://access.osc.oracle.com/sgd/thin.jsp?clientmode=download
- HTM5 Access: https://access.osc.oracle.com/sgd/thin.jsp?clientmode=browser

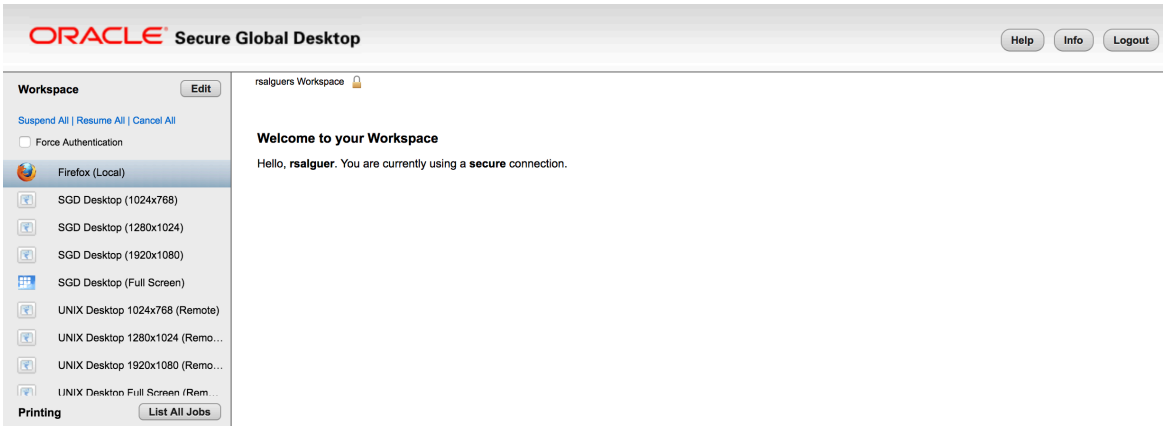


1. Enter the following credentials to access the OSC screen. Then click the SGD Desktop (any resolution) icon to open the secure desktop for secure connection to environment.

- If pop up shows up click “Open Oracle Secure Desktop Client”
- Download and install Java and Oracle Secure Desktop Client if needed

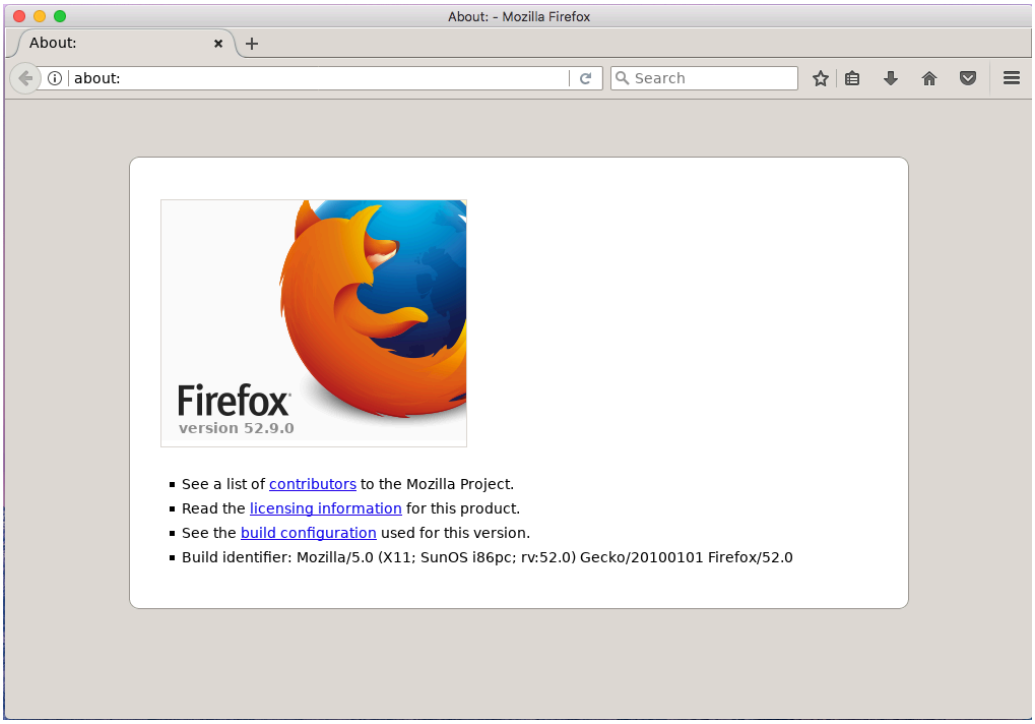






2. Open the Firefox browser inside the SGD (Secure Global Desktop)

Will open the firefox browser:



Edit the Proxy Settings:

1. For Mozilla go to Preferences -> Advanced -> Networking -> Click Settings
   a. You need to configure your browser to access the Internet with proxy: **140.83.186.195** port 80 as OCC need to access the Internet for graphic on the OPC, otherwise, you will experience long delay in loading page on the OCC portal.
   b. **Mozilla** - set "**No Proxy for:**"
   localhost, 10.136.128.0/17, 127.0.0.1, 140.83.186.0/26, cloud.osc.oracle.com, us.osc.oracle.com, .osc.oracle.com, *.testoraclecloudatcust.com

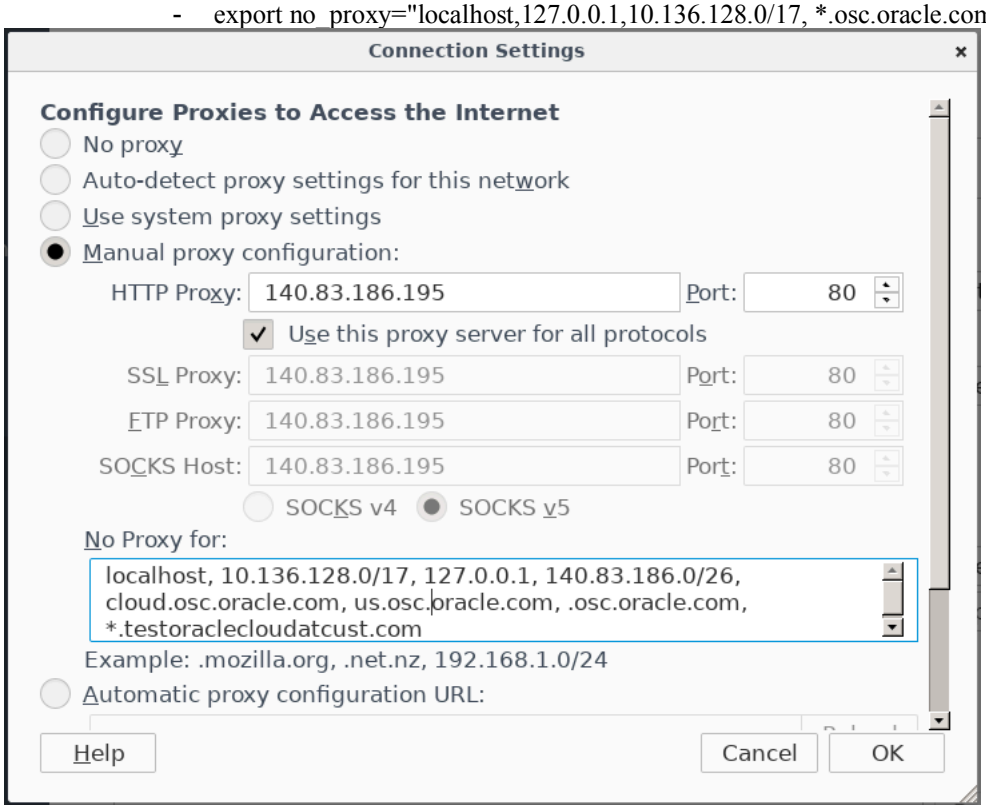
   Note: Remember to select the **checkbox** for "Use this proxy server for all protocols".

   (skip next step)

2. MS IE: -> option -> connection -> proxy -> advanced -> no proxy for: 10.136.*; *.osc.oracle.com; *.testoraclecloudatcust.com

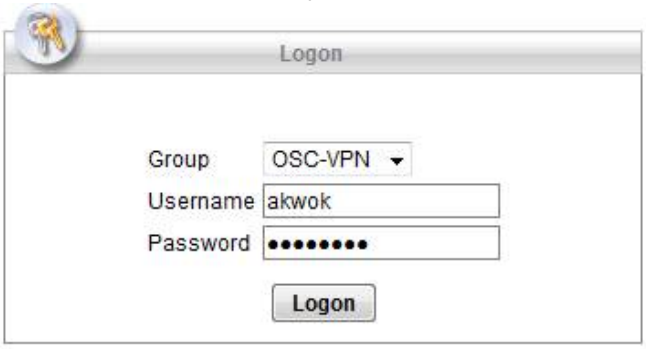
iii. Command line for wget, curl, yum that works on the VM/Instance in case you need to install stuff from the Internet.

- export http_proxy=http://140.83.186.195:80
- Note: you must have port 80 for curl and yum to work.
- You may also need the proxy for other protocol too, e.g.:
- export https_proxy=http://140.83.186.195:80
- export ftp_proxy=http://140.83.186.195:80
- export all_proxy=http://140.83.186.195:80
- export no_proxy="localhost,127.0.0.1,10.136.128.0/17, *.osc.oracle.com, *.testoraclecloudatcust.com"

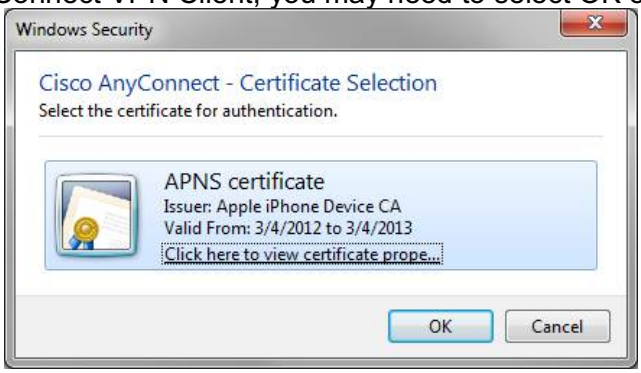


VPN Access – CISCO Any Connect VPN (Skip is using SGD)

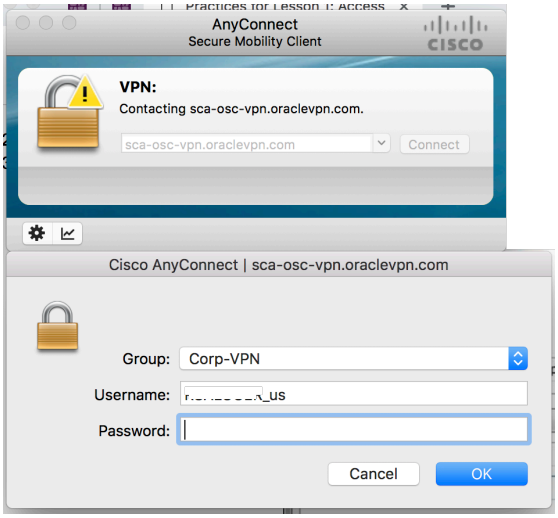
1. Skip this step if you already have CISCO AnyConnect VPN client as it comes with most Oracle and other company issued computer.
   - Point your browser to https://sca-osc-vpn.oraclevpn.com.
   - Select OSC-VPN as the dropdown Group.
   - Enter id/pwd that was issued to you to access OSC data center, select Logon



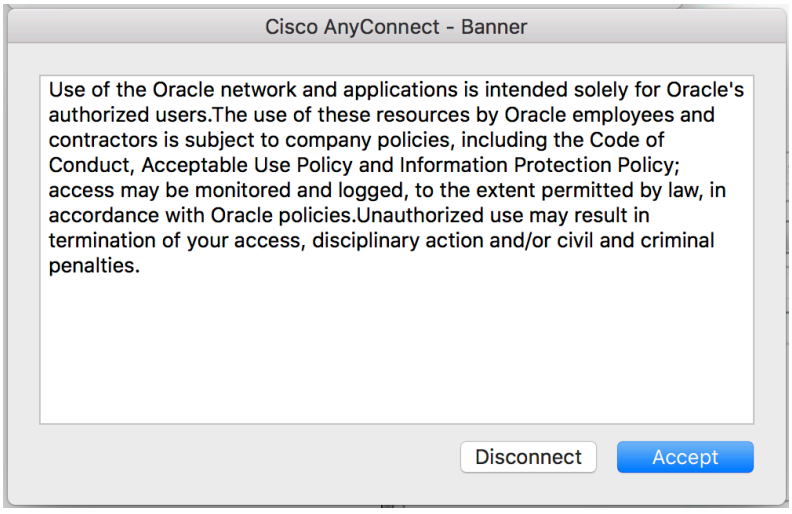
   - Select Continue to accept the Oracle VPN Policy
   - Select  Start AnyConnect and follow the instruction.
2. Start Cisco AnyConnect VPN Client, you may need to select OK on the popup Certification Selection dialog



3. Enter sca-osc-vpn.oraclevpn.com as the “connect to” or selected if it is in the dropdown already, select OSC-VPN as the dropdown Group, **enter id/pwd that was issued to you to access OSC data center**, select **Connect**



4. Select Accept to accept the Oracle VPN Policy



5. Now, you are virtually in the OSC data center.

Practice 1-2: Access Tenancy

Now you're able to access the Tenancy Welcome Email using this link:
http://10.136.208.135/shares/export/nas/pcm/ocm#O/t#TWelcome.html

Replace #O with the OCC number and #T with the tenancy number provided. Copy and paste or bookmark the link to be able to reference back to it.

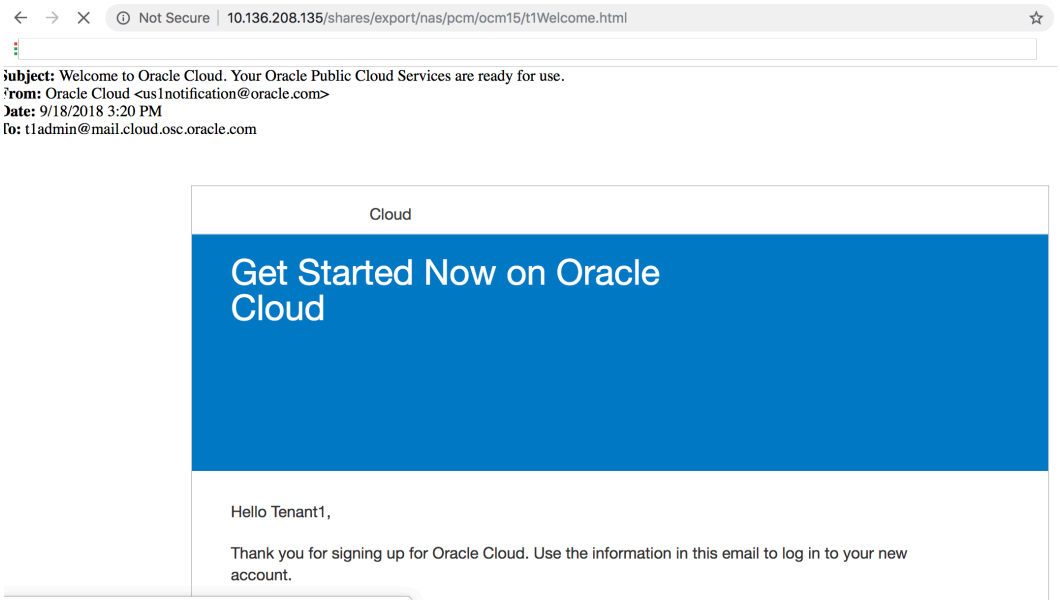
Accessing the Workshop details on moonbase:

http://moonbase.us.oracle.com/ocmws/exacc/ (if using VCN) or
http://10.136.208.135/shares/export/nas/pcm/workshop/web/ (if using SGD)

Updated Exadata Workshop:

http://moonbase.us.oracle.com/ocmws/exacc/ or
http://10.136.208.135/shares/export/nas/pcm/workshop/web/exacc/

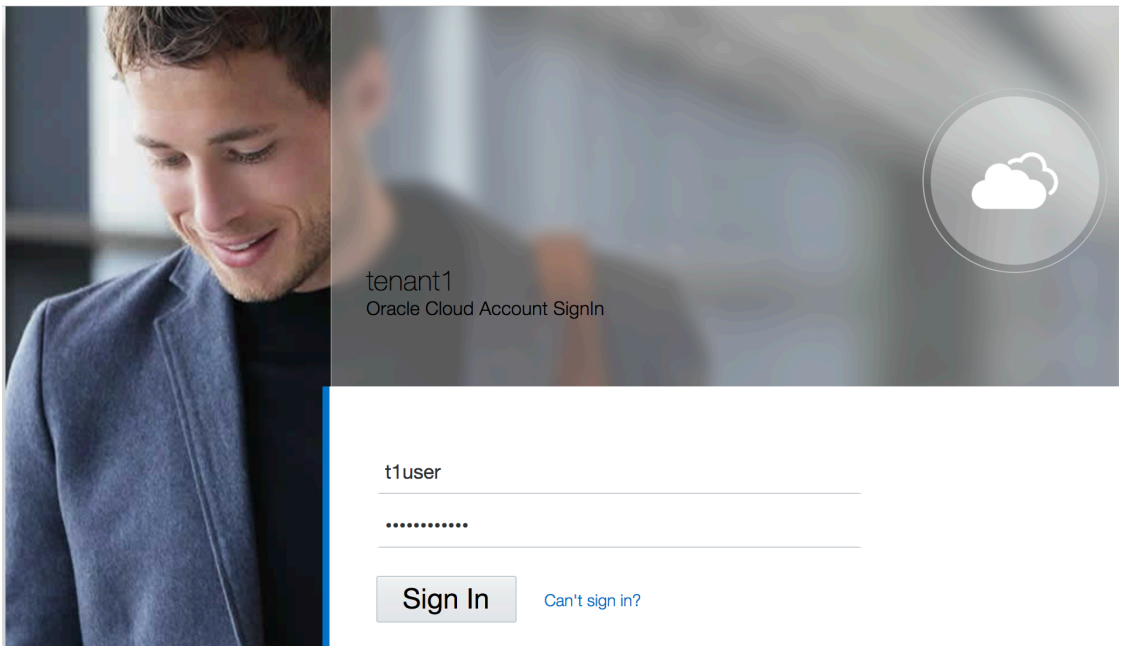
1. Read the eMail, click on the links to various services
   a. Login as t#Tuser (e.g. t1user) with pwd Welcome1 (Capital W).
   b. The administrator is the recipient of the welcome email,
      i.e. t#Tadmin@mail.cloud.osc.oracle.com,
      e.g. t1admin@mail.cloud.osc.oracle.com
   c. You may want to bookmark the direct link. The following is the screen of what it will look like:

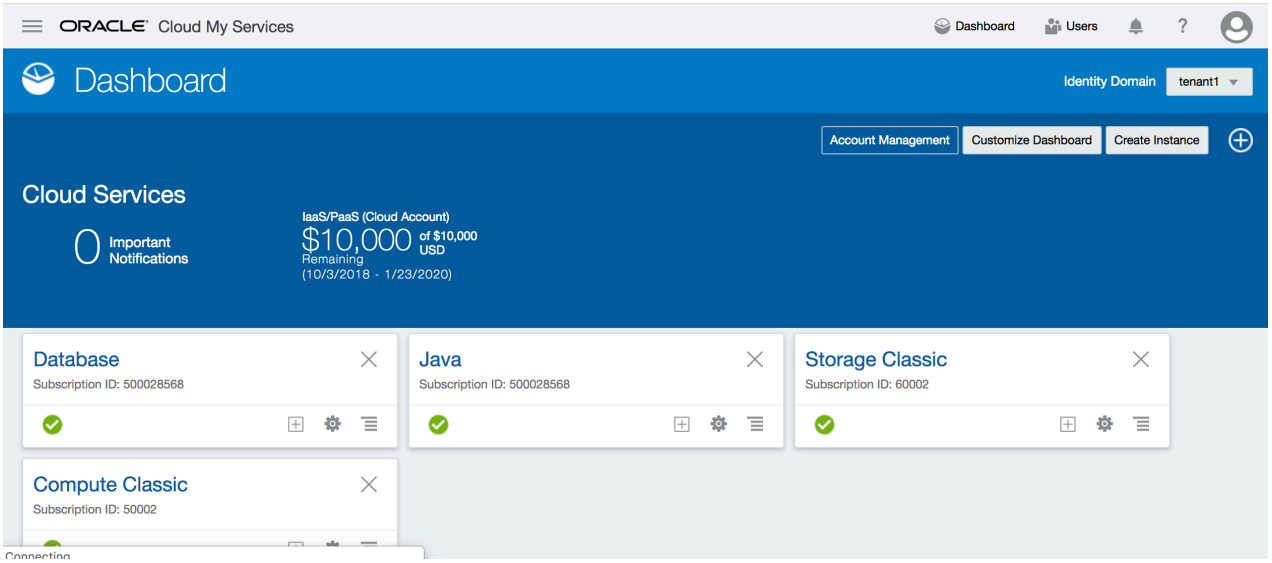


Write down the Username and Password. Similar to t#user and password: Welcome####

Click **Get Started with Oracle Cloud**

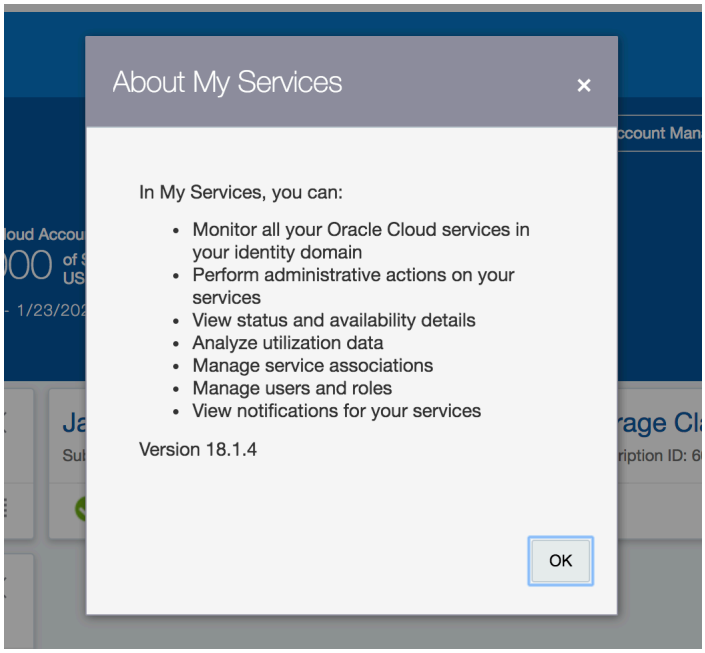
2. Sign into Oracle Cloud using given credentials. Note: Sometimes may need a refresh if stuck on loading.

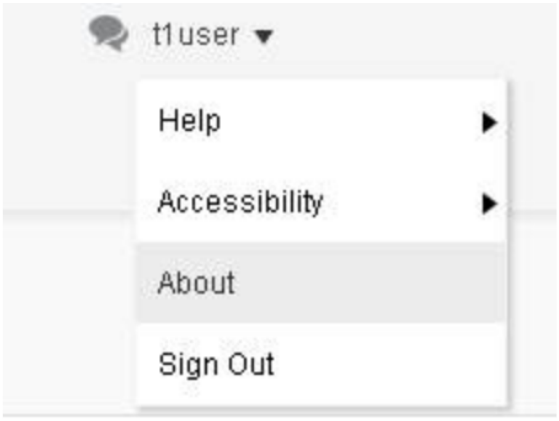




- Bookmark this page. Will make it easier to go back to the homepage throughout the workshop.

3. To check the version of your OCC dashboard UI, select user name dropdown menu on the right top, e.g. t1user, select About. Similarly, you can check the version for other UI such as DBCS, JCS, IaaS/CS, IDCS, etc.





4. SSH Key Pair Options 1:
   You will probably need everything else in http://10.136.208.135/shares/export/nas/pcm/workshop/artifacts/ . For example, the SSH keys for instance access are:
   a. The private key for OpenSSH is http://10.136.208.135/shares/export/nas/pcm/workshop/artifacts/labkey for putty is http://10.136.208.135/shares/export/nas/pcm/workshop/artifacts/labkey.ppk
   b. Public key is http://10.136.208.135/shares/export/nas/pcm/workshop/artifacts/labkey.pub key
   c. Execute the following if you are using SGD: Open terminal windows by clicking on "XTerminal (Local)" on the left pane then run the following command

      cd /nas/pcm/workshop/artifacts/labkey* ~

      chmod 600 ~/labkey*

5. SSH Key Pair Options 2:

   For advance user, you can generate a key pair. That is the recommended way to secure access to your instances/VMs. We share the private key to make it easier for participant execute the steps in the practice.

   ssh-keygen -t rsa

- Note down where it put your private key and public key as you will need them later. You can press enter to skip the password protection of the private key otherwise, remember the password your enter here too.