Oracle Cloud Infrastructure Labs

Oracle OCI initial setup

V2.0

ORACLE LAB BOOK | APRIL 2018

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1. Disclaimer

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Overview

Lab Overview

The lab exercises are designed to complement your training, reinforcing the key concepts by applying and demonstrating what you learned in the presentation sessions. This lab book is comprised of individual exercises. These exercises allow you to get first hands-on exposure working with the Oracle Cloud Infrastructure, Oracle OCI, using a demo environment, where you will see how key features and functionality are deployed in the software. Using what you learn in the presentations and individual exercises working with the software, you will collaborate as a team in developing and delivering practice presentations.

Introduction to Oracle Cloud Infrastructure Services

Oracle Cloud Infrastructure Cloud (OCI) platform can run both Oracle workloads and cloud native applications. In this hands-on lab, we will walk through getting performance test application on OCI. The purpose of this lab is to get familiar with Oracle OCI Cloud primitives. At the end of this lab series, you will be familiar with:

- Creating a network
- Configuring network primitives
- Launching an instance VM
- Attaching iSCSI storage, and accessing the instance over VNC
- Create DBCS instance
- Install and run performance test tool
- Clone your on-prem PDB to cloud DBCS as a PDB

For this lab we will go through the allocation of OCI resources, proper configuration of Database Cloud Service, proper configuration of Linux environment to be prepared to install software. We will then install both open source and commercial software. Finally we will use Terraforms to create an infrastructure as a script.

Key Takeaways:

- ✓ Customers can take vanilla cloud native applications and run it on Oracle OCI
- ✓ It is simple and intuitive to setup and provision infrastructure resources like compute, storage, and networking
- ✓ Simple standard scripts to create infrastructure.
- ✓ Pre-Requisites:
- ✓ Account credentials (User, Password, and Tenant) for OCI
- ✓ Download and install putty on your laptop

Sign into the Console

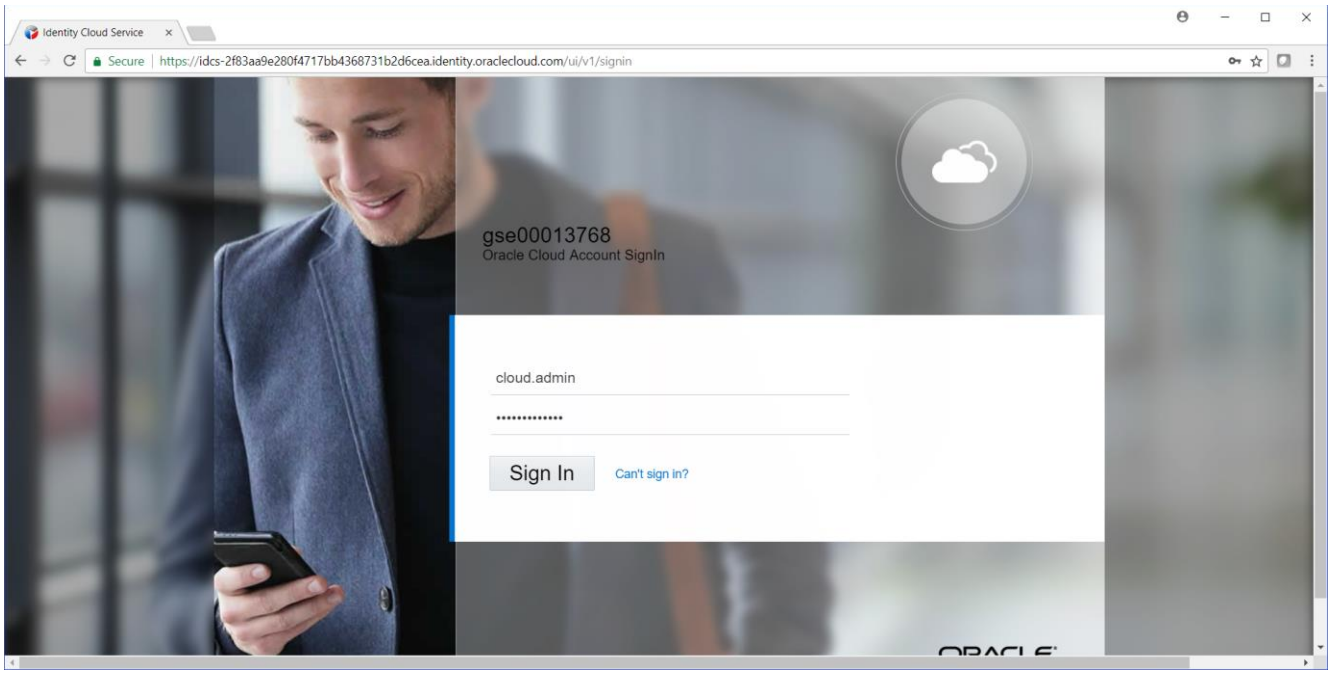
User your cloud account or the oracle provided LAB account.

1) Navigate to https://myservices-gse00013768.console.oraclecloud.com/mycloud/cloudportal/dashboard
2) Enter your credentials to sign-in:

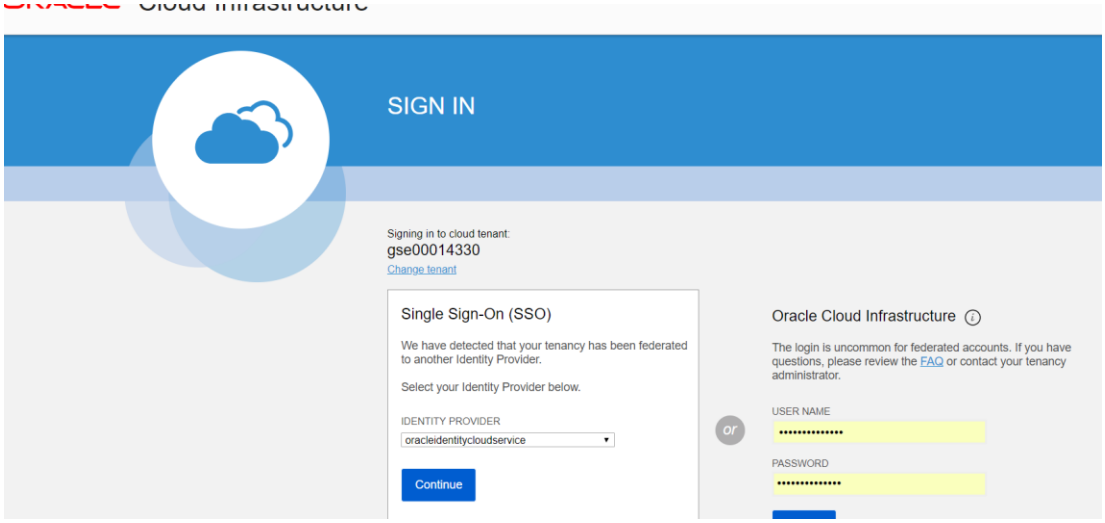
   User: <>

   Password: <>

Reach out to your oracle Representative if you have any questions on account access. Oracle Cloud uses Oracle IDCS for authentication.

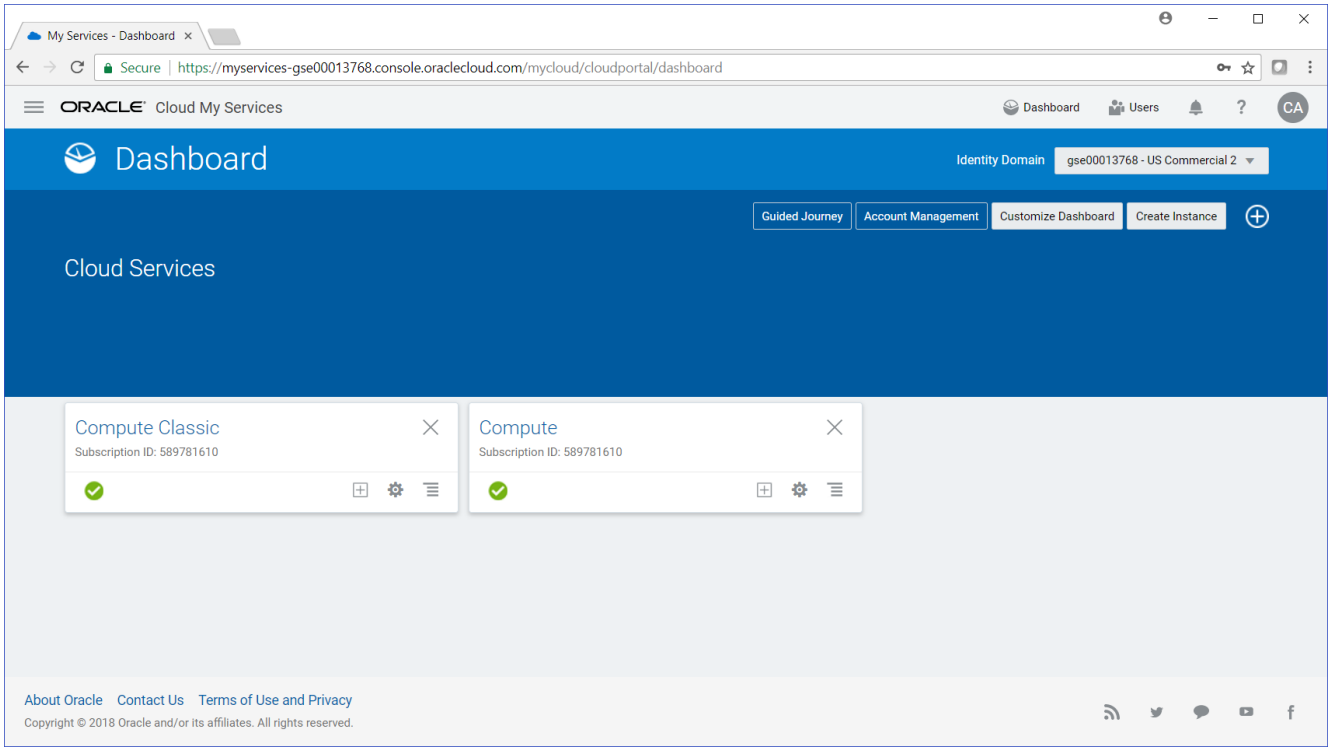


If you get this login screen, you need to go back to the IDCS login screen:



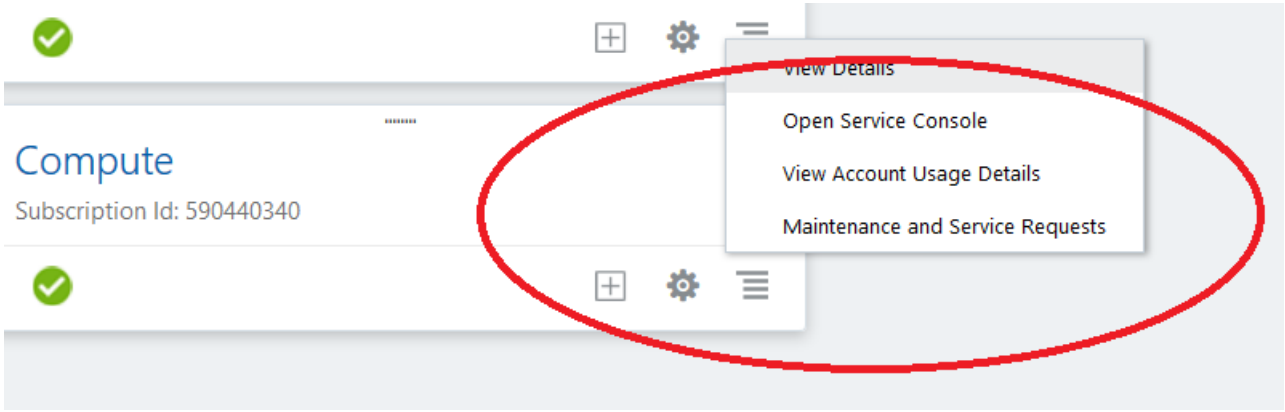
Logging on with username/password to the right does not work

After login, the entry point to OCI services, including OCI Database Cloud Service, is the Compute services dashboard.

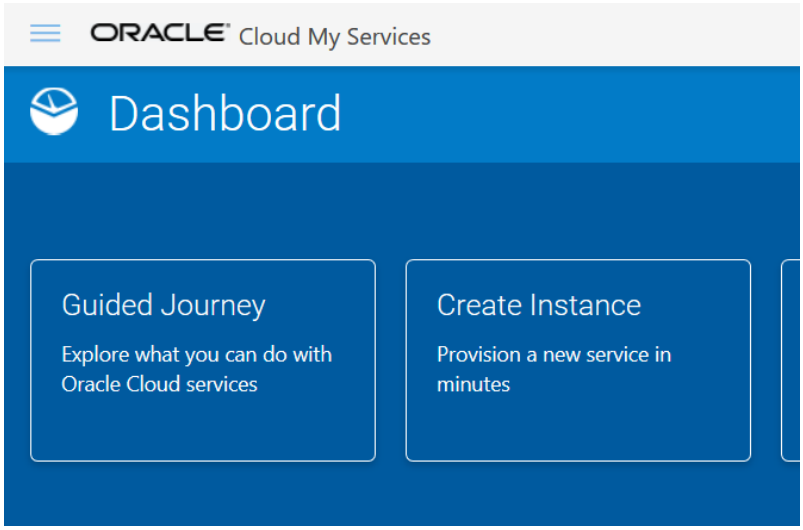


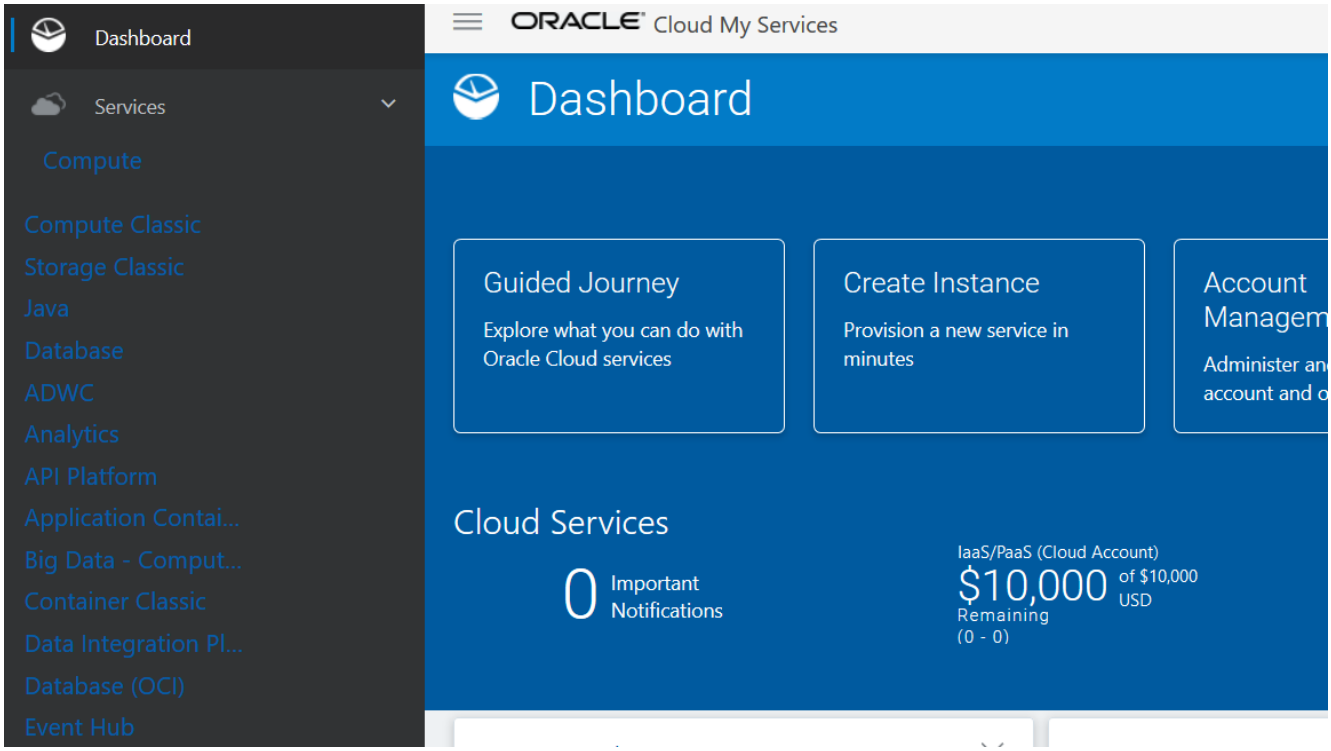
If the compute dashboard is not visible, navigate directly to the OCI service dashboard or customize your dashboard.

Select the menu bar in upper right corner of the compute tile and select service console.

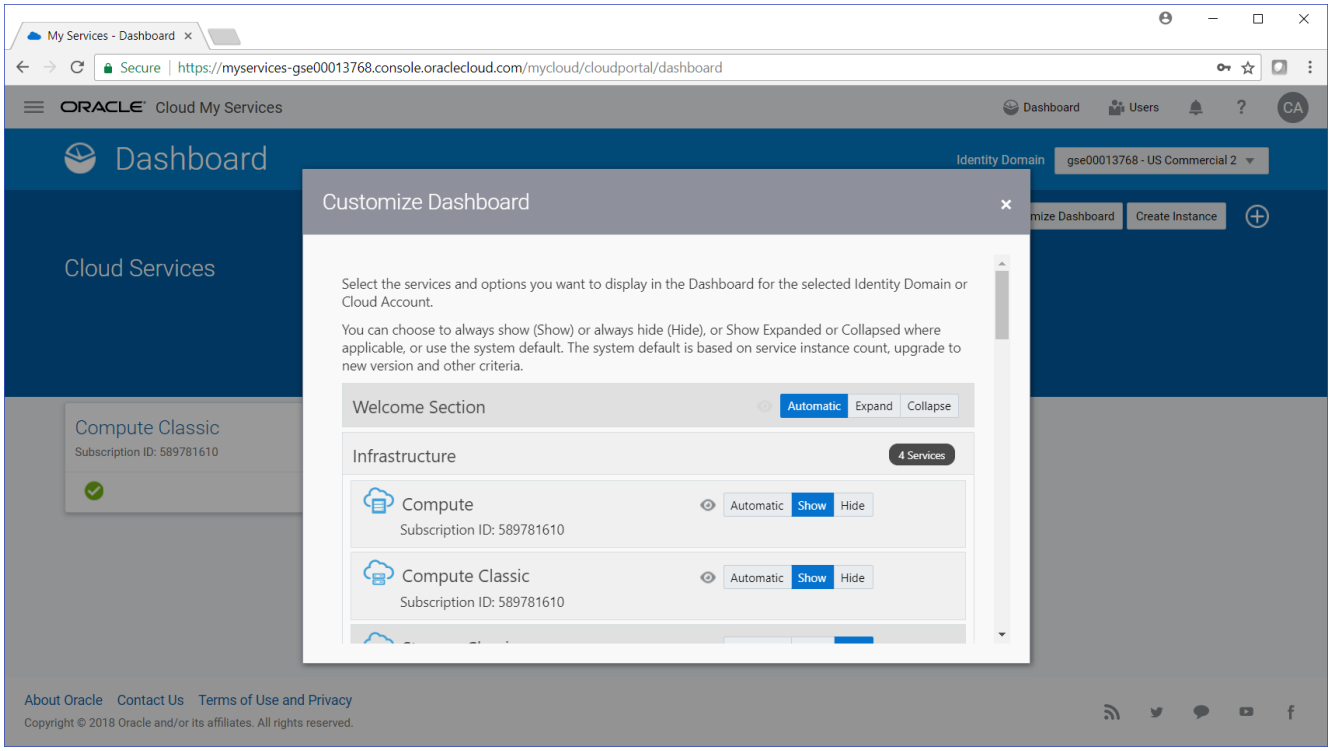


You may also use the menu in the upper left corner, and scroll down to compute. Do not use compute classic or database cloud service, this is the non OCI cloud services.





Select the compute service.


My Services - Dashboard
Secure | https://myservices-gse00013768.console.oraclecloud.com/mycloud/cloudportal/dashboard
ORACLE Cloud My Services
Dashboard
Users
CA
Dashboard
Identity Domain
gse00013768 - US Commercial 2
Create Instance
Cloud Services
Compute Classic
Subscription ID: 589781610
Customize Dashboard
Select the services and options you want to display in the Dashboard for the selected Identity Domain or Cloud Account.
You can choose to always show (Show) or always hide (Hide), or Show Expanded or Collapsed where applicable, or use the system default. The system default is based on service instance count, upgrade to new version and other criteria.
Welcome Section
Automatic
Expand
Collapse
Infrastructure
4 Services
Compute
Subscription ID: 589781610
Automatic
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Compute Classic
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Automatic
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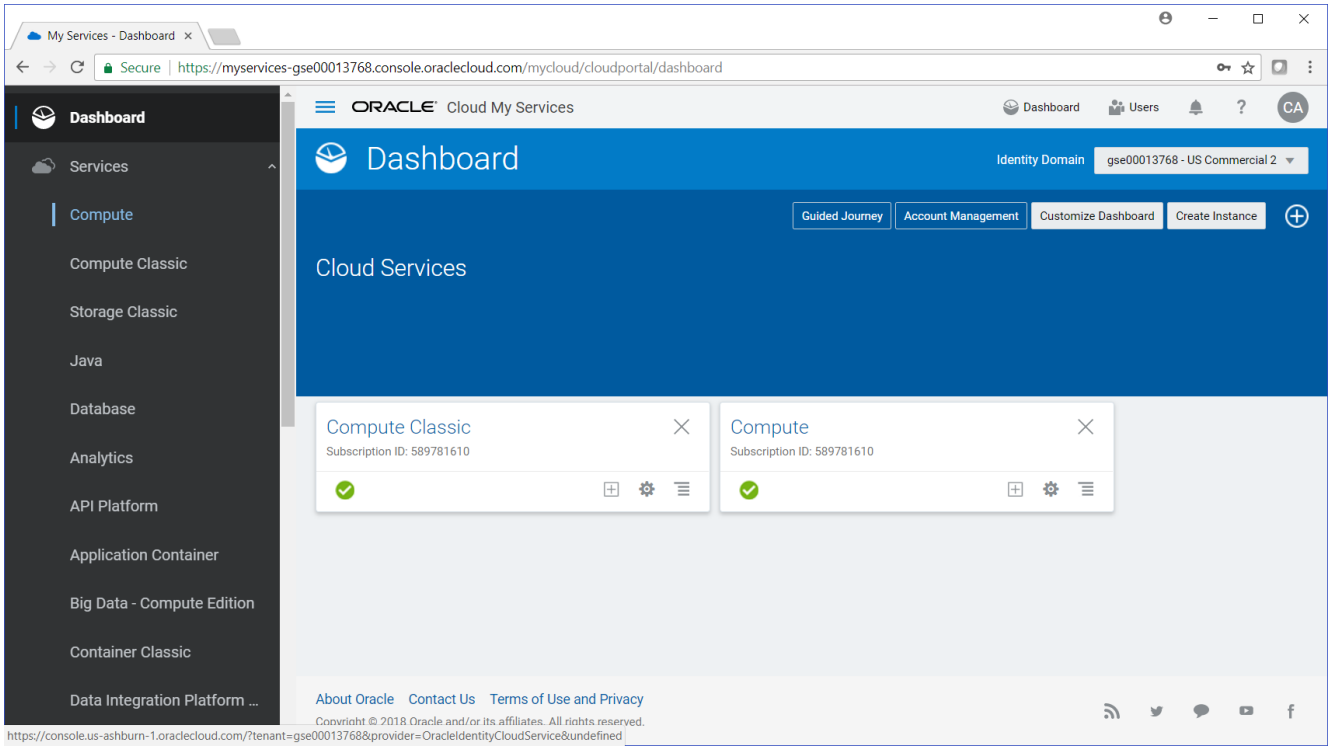
My Services - Dashboard
Secure | https://myservices-gse00013768.console.oraclecloud.com/mycloud/cloudportal/dashboard
Dashboard
Services
Compute
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Storage Classic
Java
Database
Analytics
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Application Container
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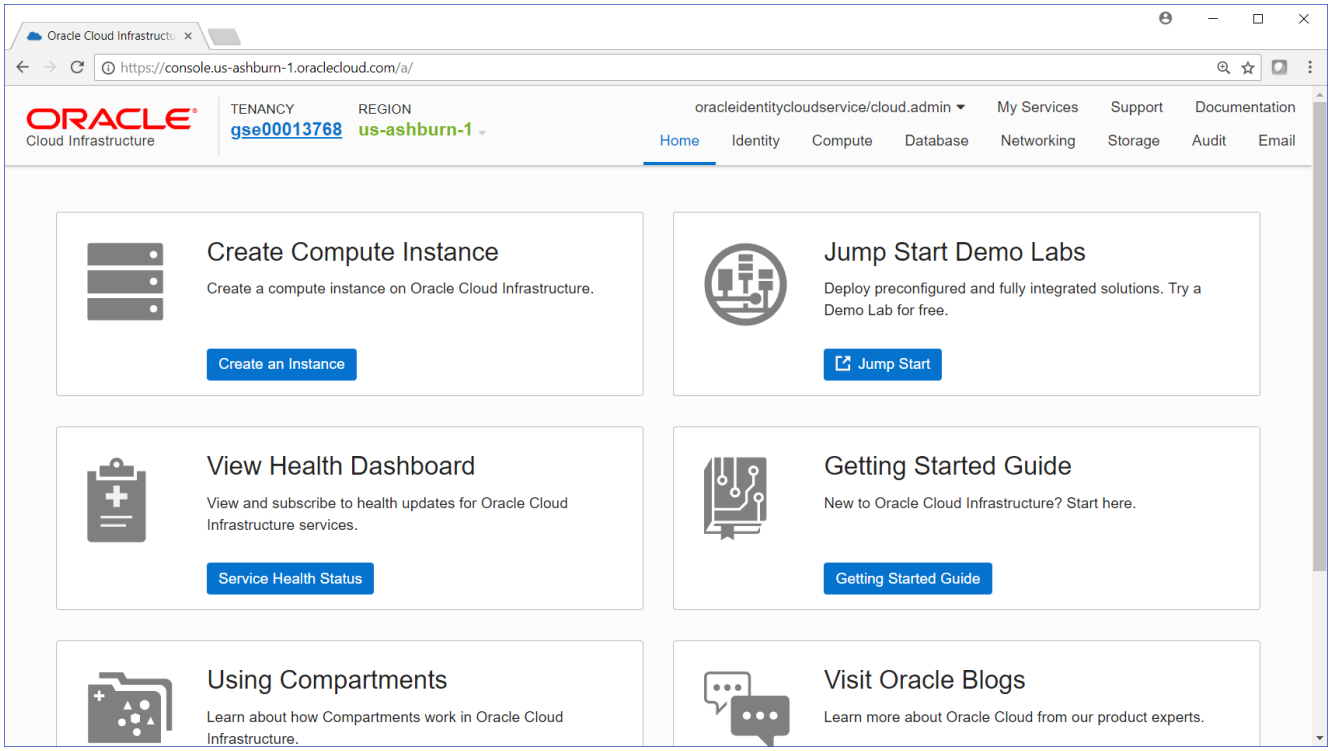

You are now ready to start create services.

The first step is to design the network and create a Virtual Cloud Network. If required, please look up the Virtual Cloud Network Lab