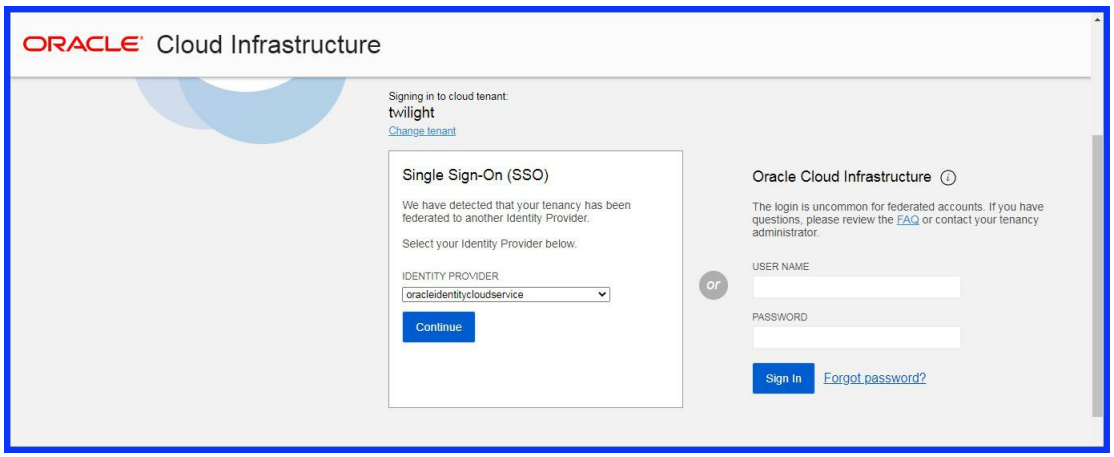
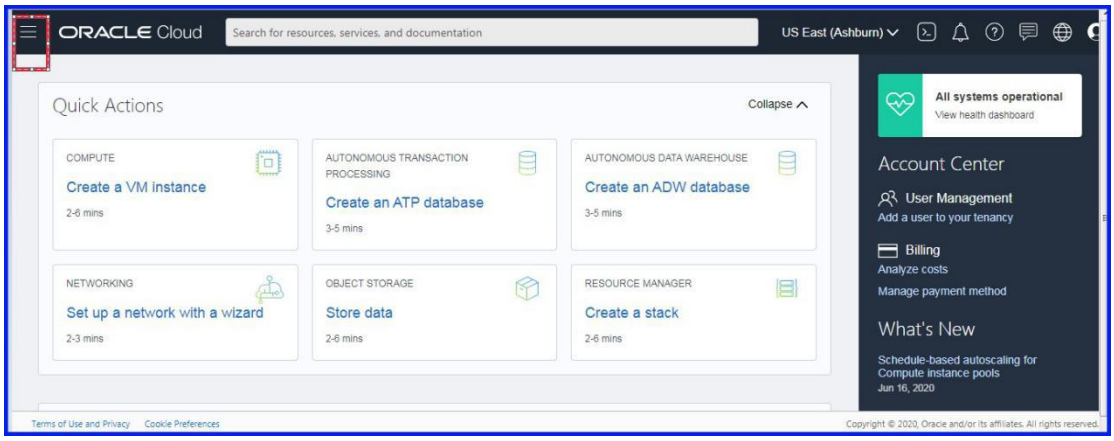
# ADW CLONING USING BACKUP

**LOGIN TO TENANT**

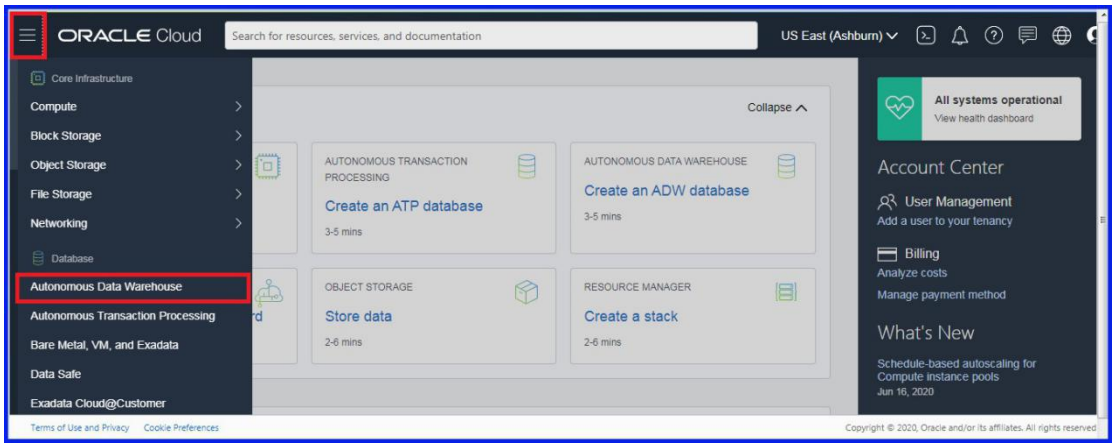
1. **Enter appropriate username and password and signin**



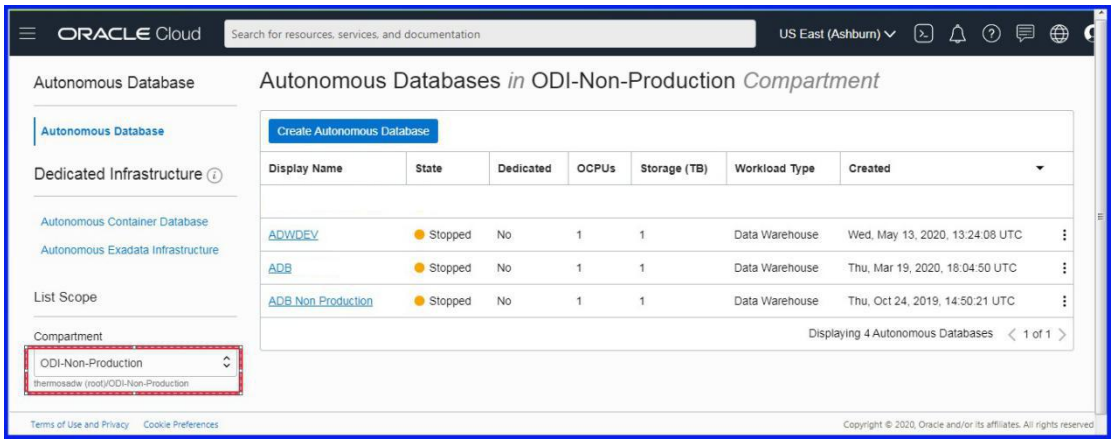

2. **Once login click on the highlighted three lines in below image.**



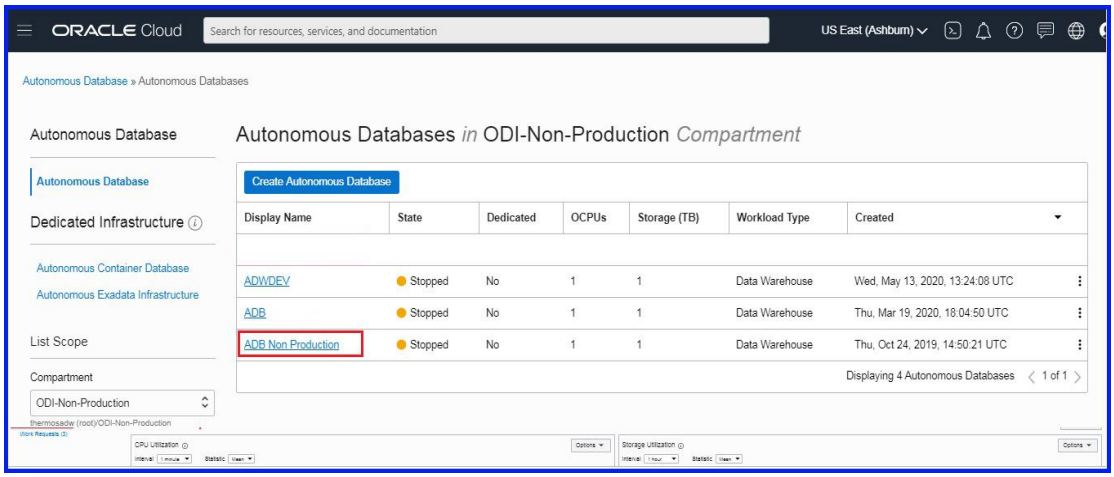

3. **Click on Autonomous database warehouse**



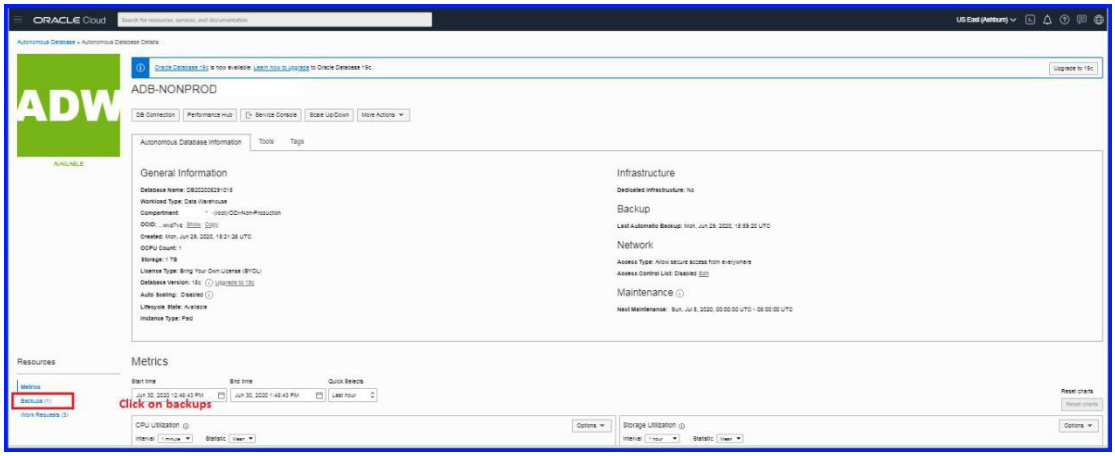
4. **Choose the appropriate compartment .So that the instance in the compartment will be visible.**




5. **Find the instance to be cloned. And click on the DISPLAY NAME and next page will open.**

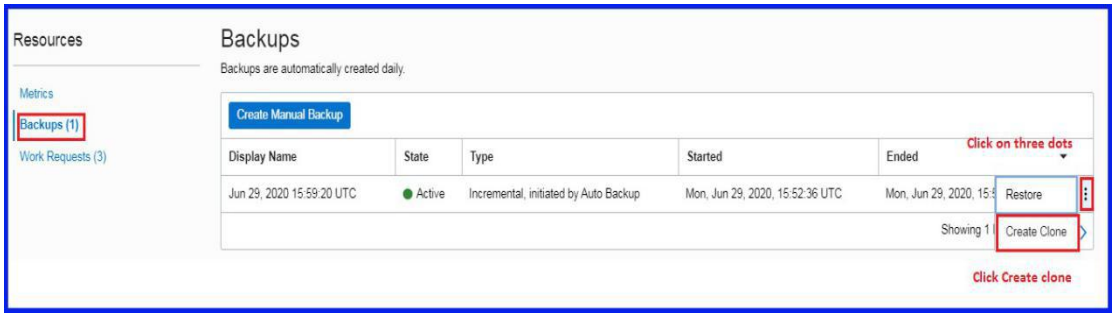


6. **On this page scroll down and locate BACKUPS on left side and click on Backups.**




7. **After clicking in Backups , Find the appropriate backup from the list.**
   **Click the three dots on right side .**


**On the expanded window click CREATE CLONE.**



**8. After clicking Create clone, you will see Create Autonomous Database Clone dialog opened . Provide necessary input as below.**

In the Create Autonomous Database Clone dialog, enter the following :

- **Compartment**: Your current compartment is the default selection.

- **Display Name**: A user-friendly description or other information that helps you easily identify the resource. The display name does not have to be unique, and you can change it whenever you like. Avoid entering confidential information.

- **Database Name**: The database name must consist of letters and numbers only, starting with a letter. The maximum length is 14 characters. Avoid entering confidential information.

- **CPU Core Count**: You can enable up to 128 cores for your Autonomous Database. The actual number of available cores is subject to your tenancy's service limits.

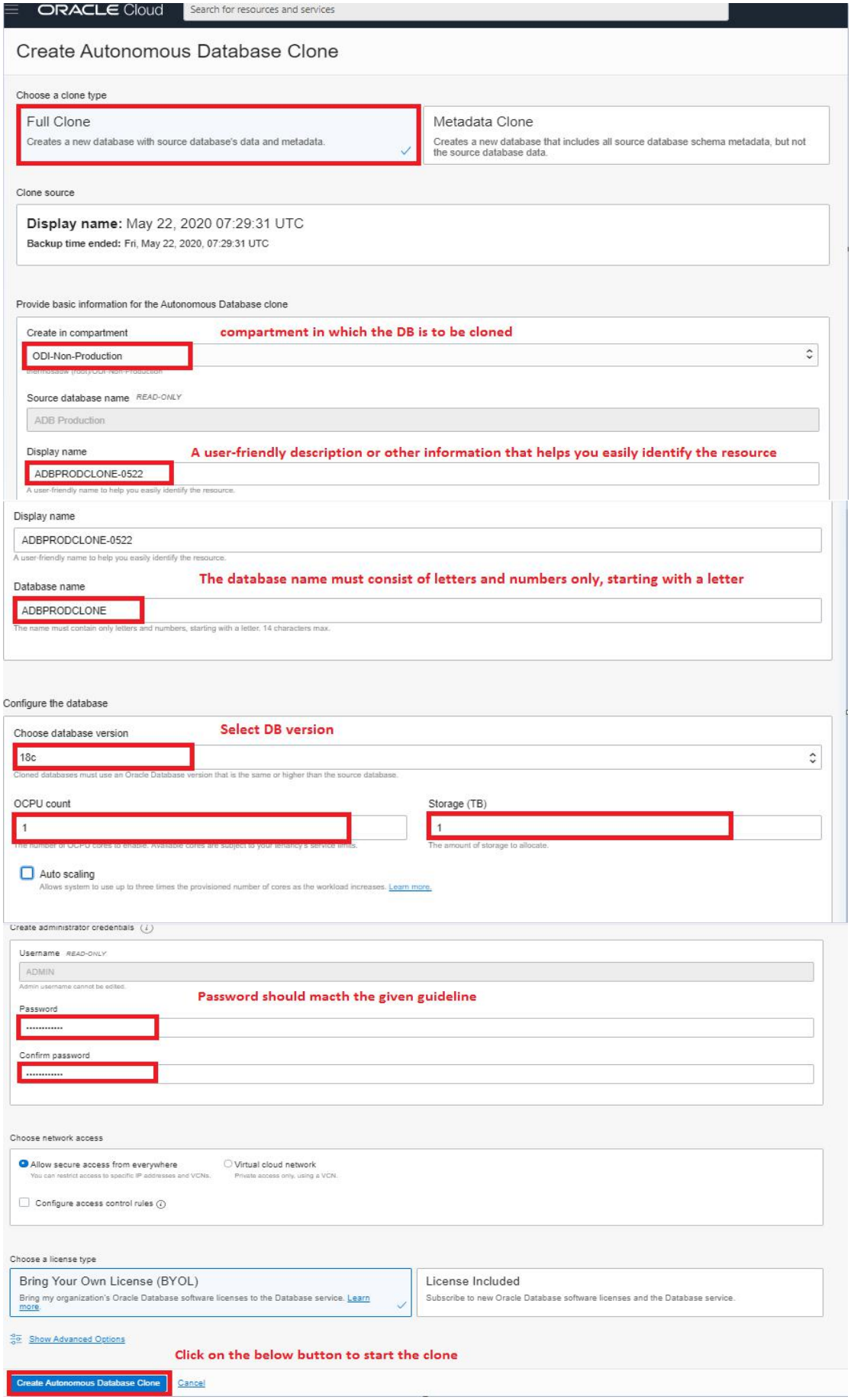
- **Storage**: Specify the storage you wish to make available to your instance.You can make up to 128 TB available

(Note : for Full Clone you must specify storage size at least the amount of source ADW / ATP ,else it will fail)

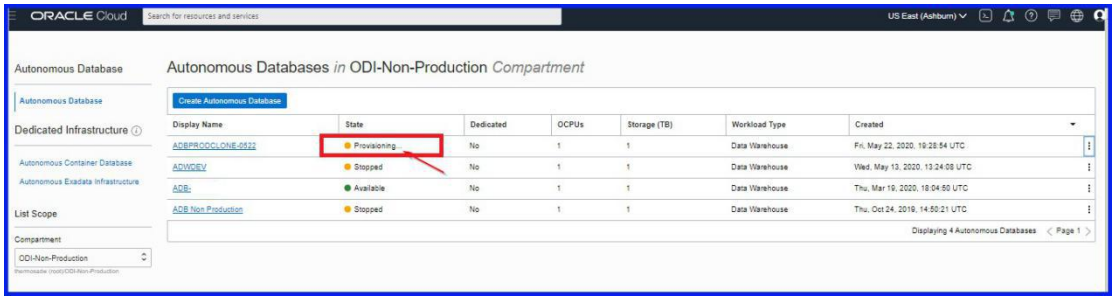
- **Password** must follow below guidelines:
  Between 12 and 30 characters long
  Contains at least one lowercase letter
  Contains at least one uppercase letter
  Contains at least one number
  Does not contain the double quotation mark (")
  Does not contain the string "admin", regardless of casing

**After Entering Appropriate details**

**Click on**

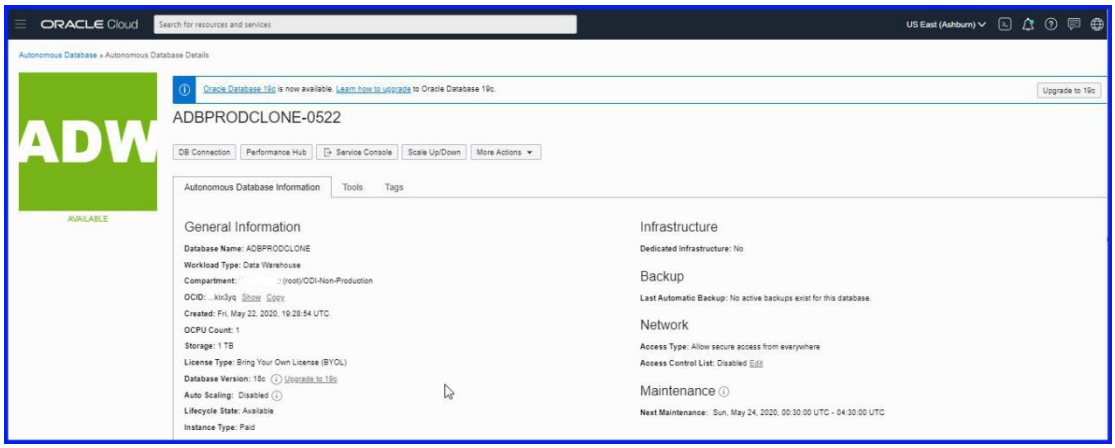

ORACLE Cloud
Search for resources and services
Create Autonomous Database Clone
Choose a clone type
Full Clone
Creates a new database with source database's data and metadata.
Metadata Clone
Creates a new database that includes all source database schema metadata, but not the source database data.
Clone source
Display name: May 22, 2020 07:29:31 UTC
Backup time ended: Fri, May 22, 2020, 07:29:31 UTC
Provide basic information for the Autonomous Database clone
Create in compartment
compartment in which the DB is to be cloned
ODI-Non-Production
Source database name READ-ONLY
ADB Production
Display name
A user-friendly description or other information that helps you easily identify the resource
ADBPRODCLONE-0522
A user-friendly name to help you easily identify the resource.
Display name
ADBPRODCLONE-0522
A user-friendly name to help you easily identify the resource.
Database name
The database name must consist of letters and numbers only, starting with a letter
ADBPRODCLONE
The name must contain only letters and numbers, starting with a letter. 14 characters max.
Configure the database
Choose database version
Select DB version
18c
Cloned databases must use an Oracle Database version that is the same or higher than the source database.
OCPU count
1
Storage (TB)
1
The amount of storage to allocate.
Auto scaling
Allows system to use up to three times the provisioned number of cores as the workload increases. Learn more.
Create administrator credentials
Username READ-ONLY
ADMIN
Admin username cannot be edited.
Password
Password should macth the given guideline
Confirm password
Choose network access
Allow secure access from everywhere
You can restrict access to specific IP addresses and VCNs.
Virtual cloud network
Private access only, using a VCN.
Configure access control rules
Choose a license type
Bring Your Own License (BYOL)
Bring my organization's Oracle Database software licenses to the Database service. Learn more.
License Included
Subscribe to new Oracle Database software licenses and the Database service.
Show Advanced Options
Click on the below button to start the clone
Create Autonomous Database Clone
Cancel

**9. Now we can see the cloning in progress.**



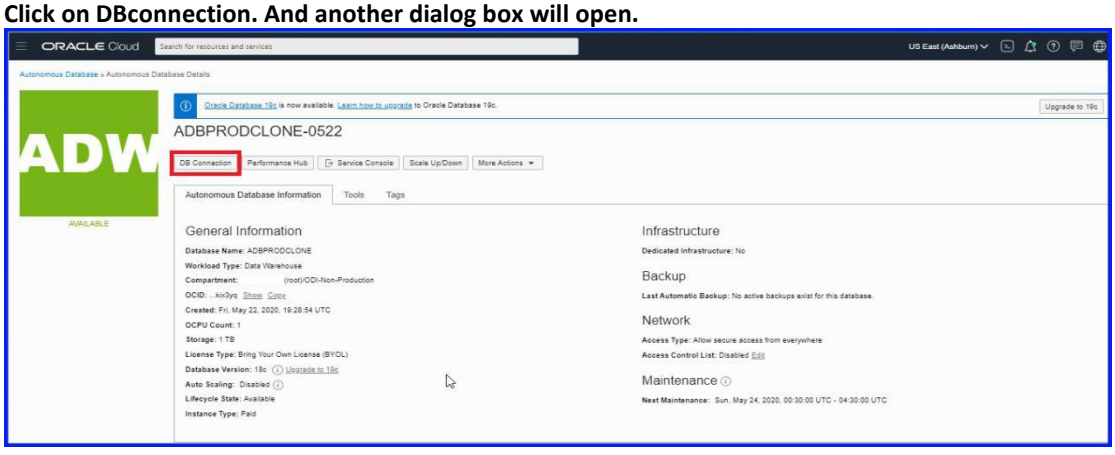

**10. Once the cloning completed .We will see the status of instance as available.**


**11. Click on the Display name to view the details.**

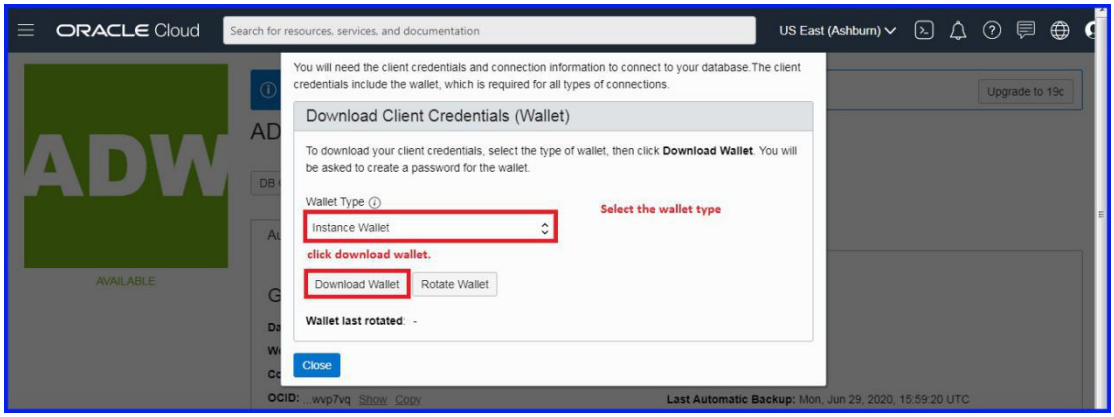



**12. After cloning Create wallet for connecting database from sql developer.**

**Click on DBconnection. And another dialog box will open.**



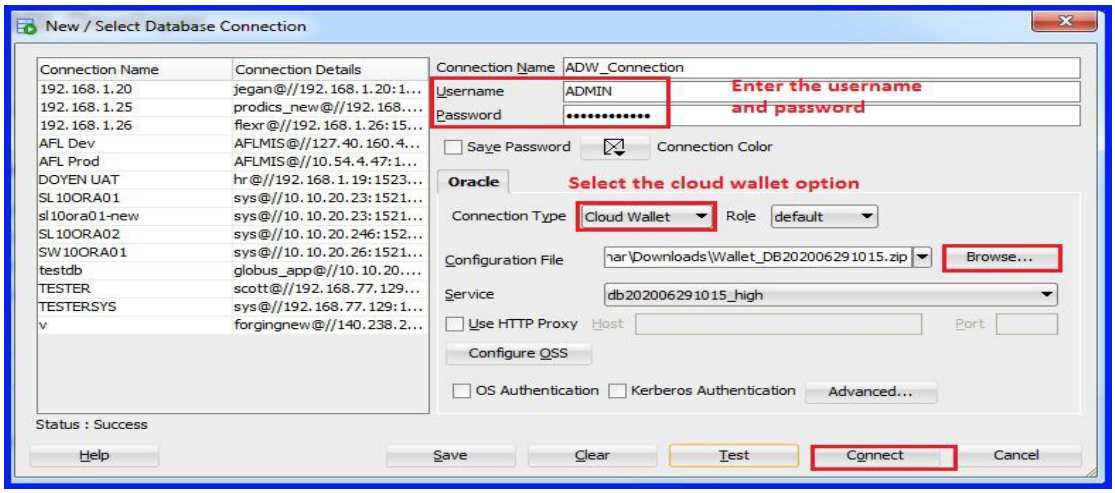
**Select the Instance wallet and click download. A zipped file will be downloaded.**




**13. Connecting to sql developer**

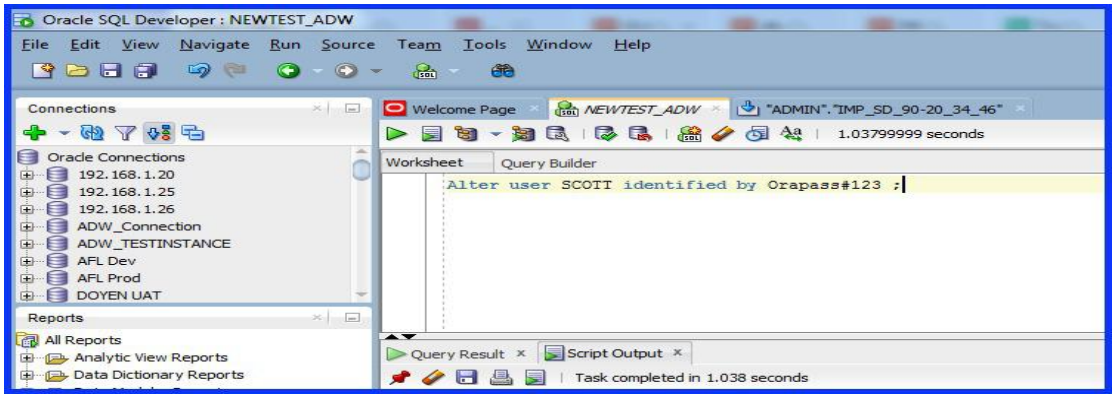
**Note: Get a recent version of sql developer for establishing connection using cloud wallet.**

- **Enter username of user to be connected and password.**
- **Select cloud wallet in CONNECTION TYPE drop down menu.**
- **Click on Browse and choose the downloaded wallet (ZIP) file.**
- **Click on connect.**




**After login as ADMIN . Change the passwords for the users .**

**Alter user SCOTT identified by <Enter_new_Password> ;**

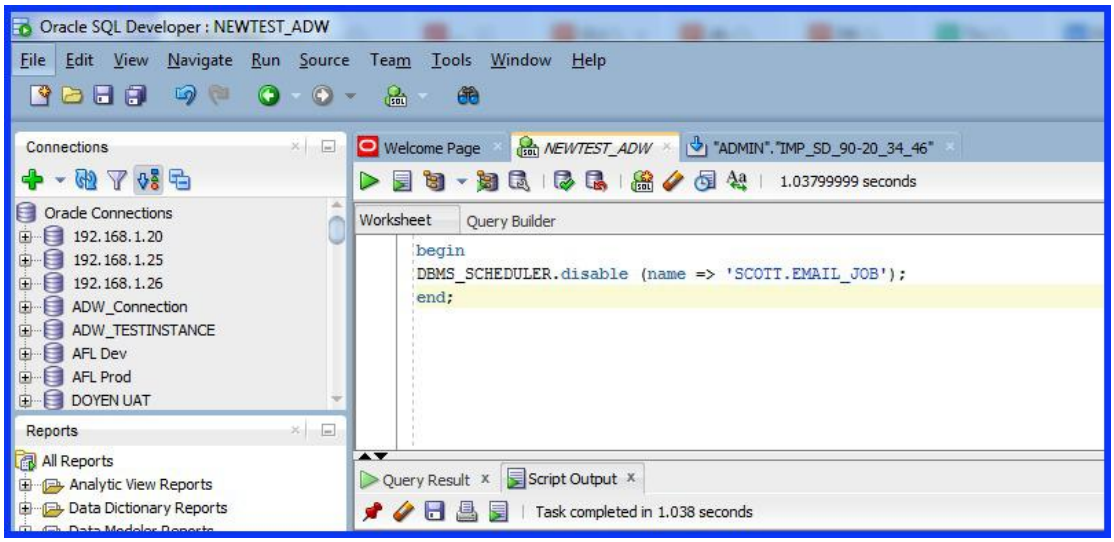


**13.After cloning ,To disable the unnecessary JOBS .**

**Execute the below command to disable unnecessary jobs.**

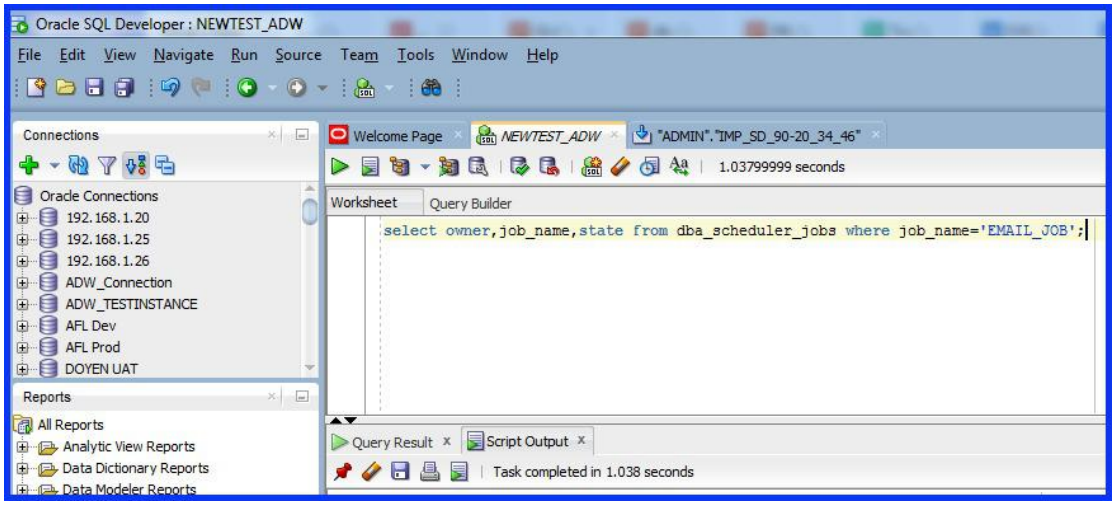
```
begin
DBMS_SCHEDULER.disable (name => 'SCHEMA.JOB_NAME');
end;

begin
DBMS_SCHEDULER.disable (name => 'SCOTT.EMAIL_JOB');
end;
```




- **To check the status of the disabled job, Run below command**

**select owner,job_name,state from dba_scheduler_jobs where job_name='EMAIL_JOB';**




----------**END**----------