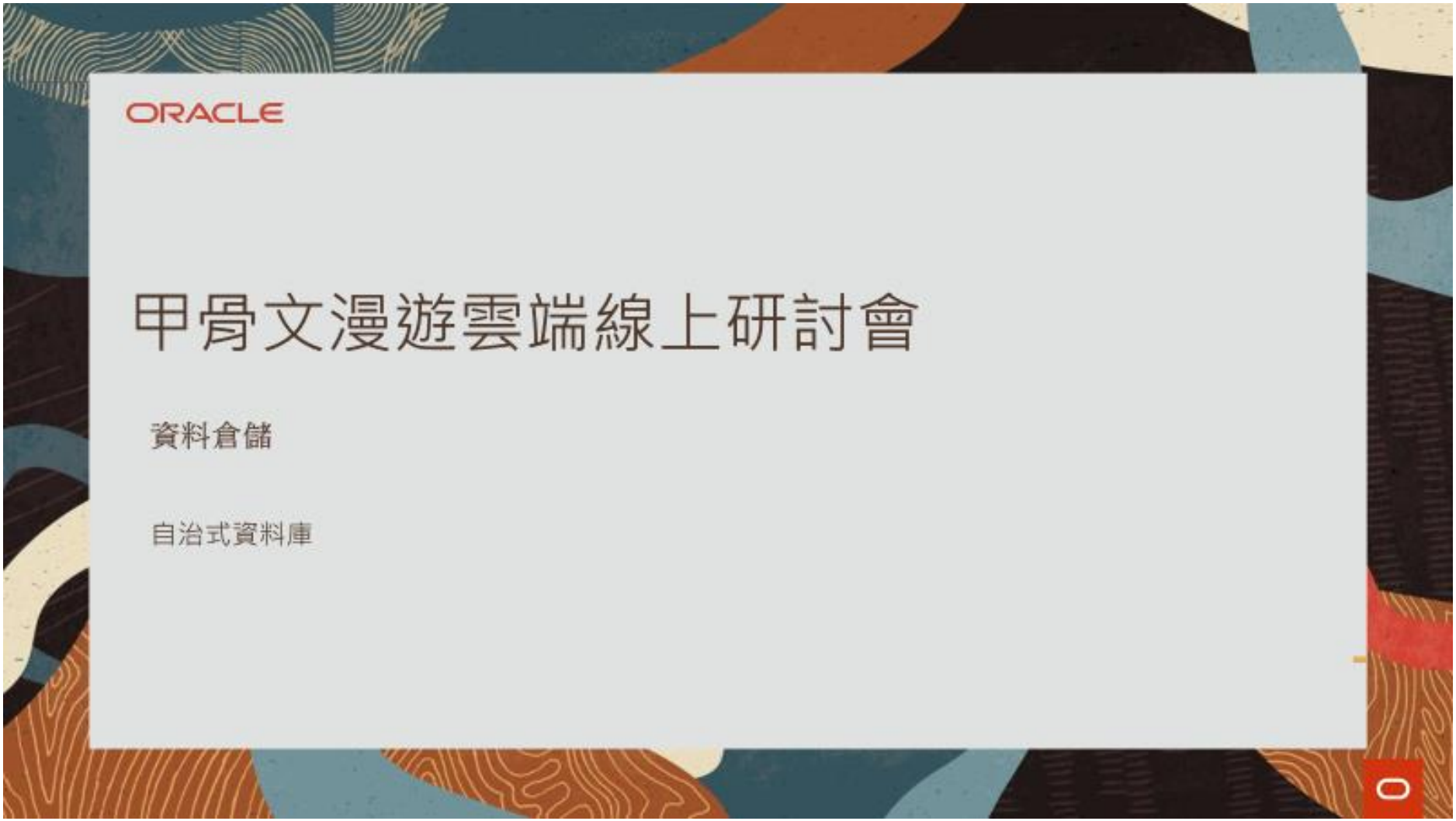
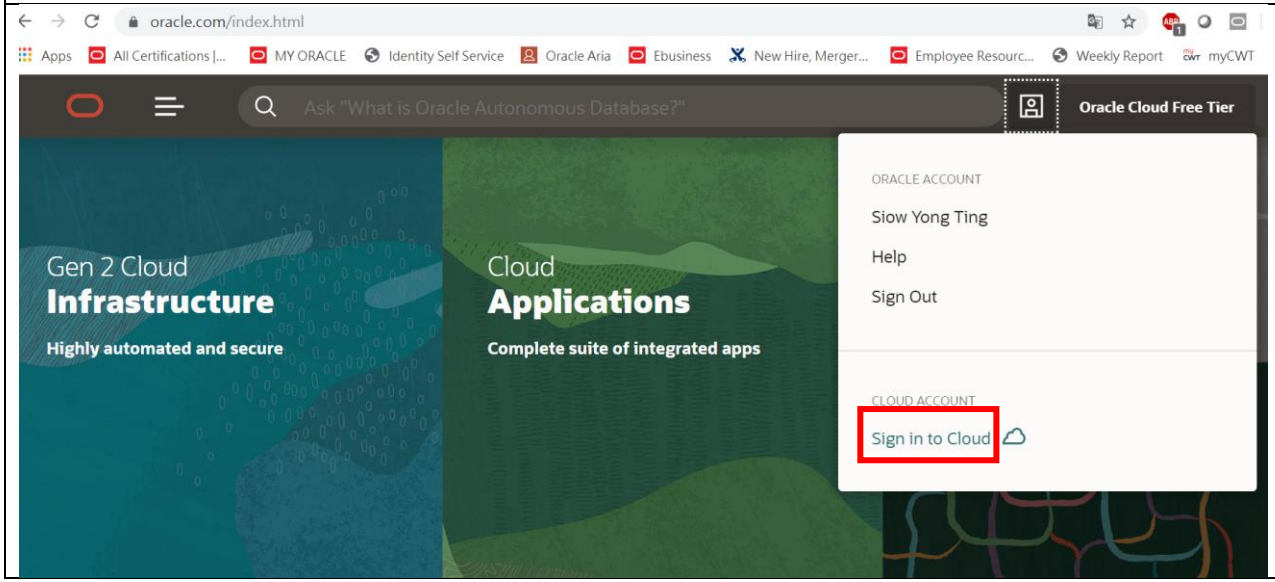

ORACLE
甲骨文漫遊雲端線上研討會
資料倉儲
自治式資料庫

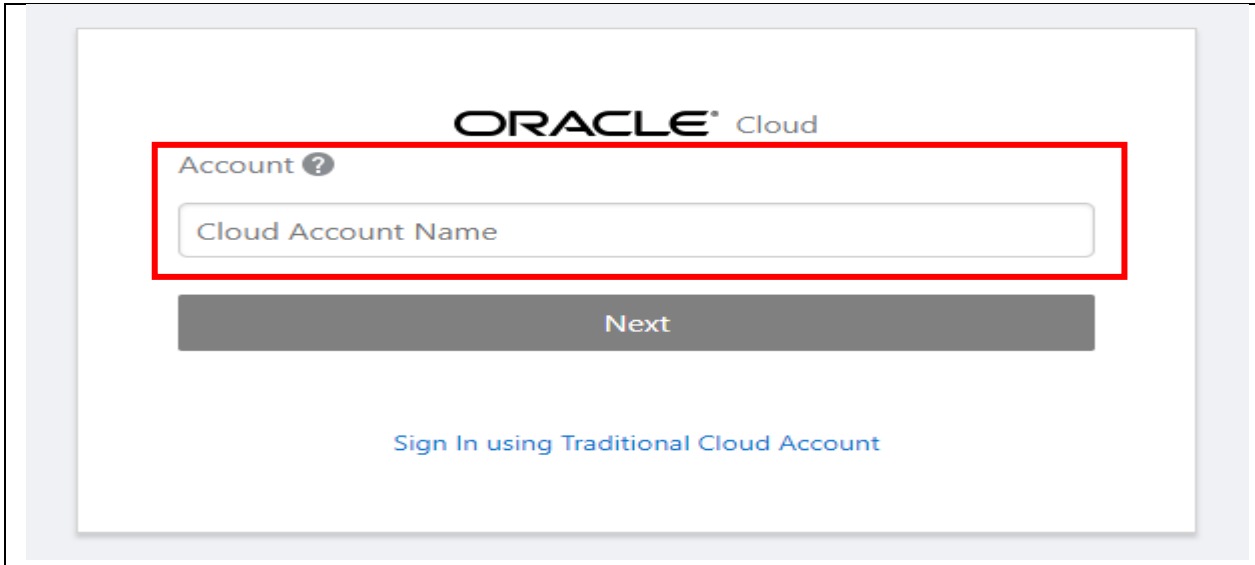
Provisioning Autonomous Data Warehouse

Round 1 – Easy – Provisioning an ADW Instance

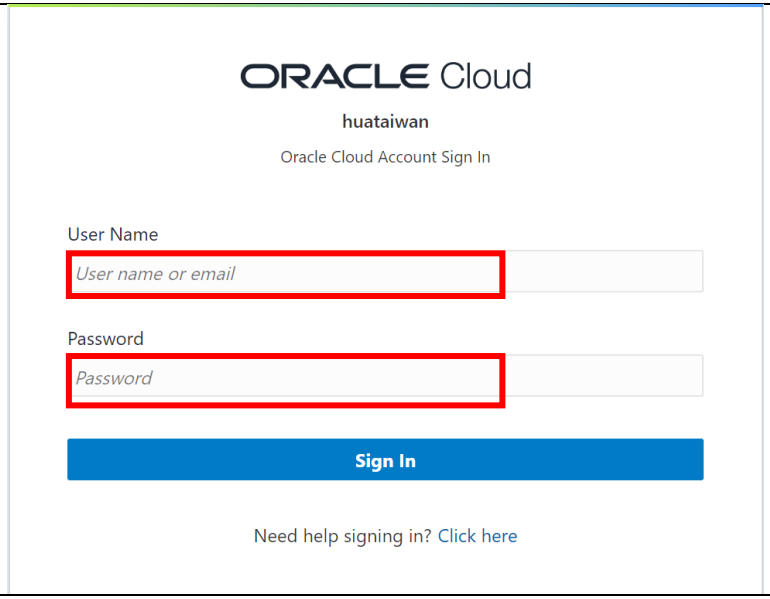
In this round, you will provision a new ADW instance

1. Login to Oracle Cloud to create ADW Instance

View	Click Stream
	1. Go to cloud.oracle.com And click on sign in to cloud



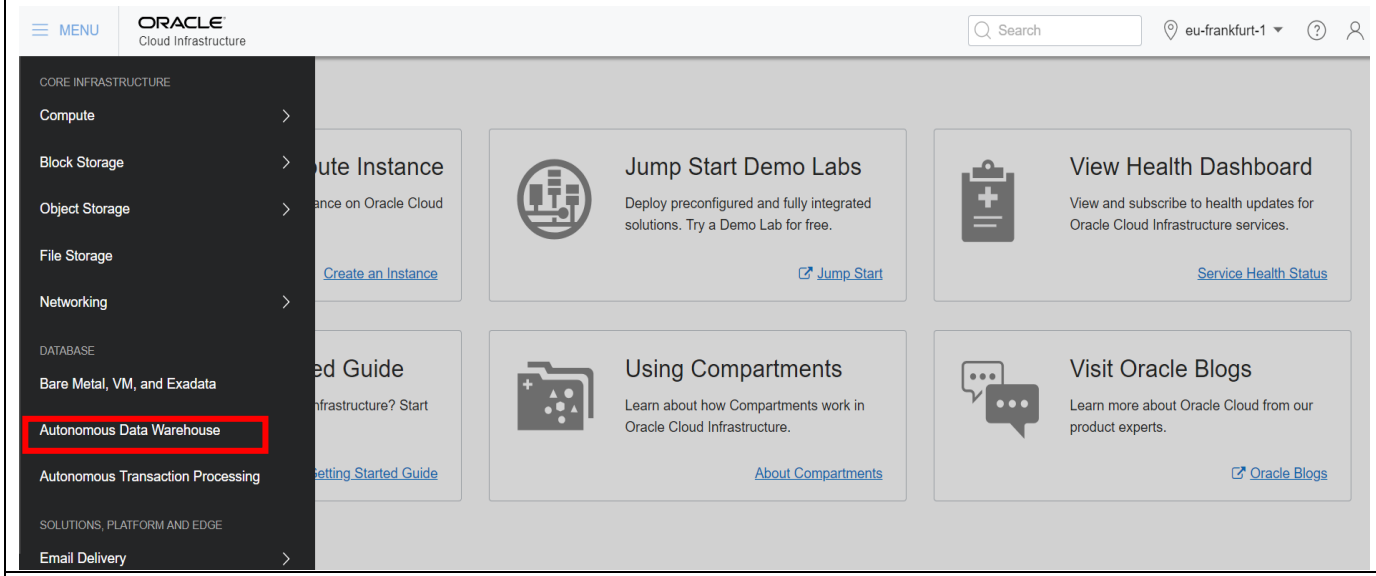
2. Type **cloud account name**
3. Click “Continue” button



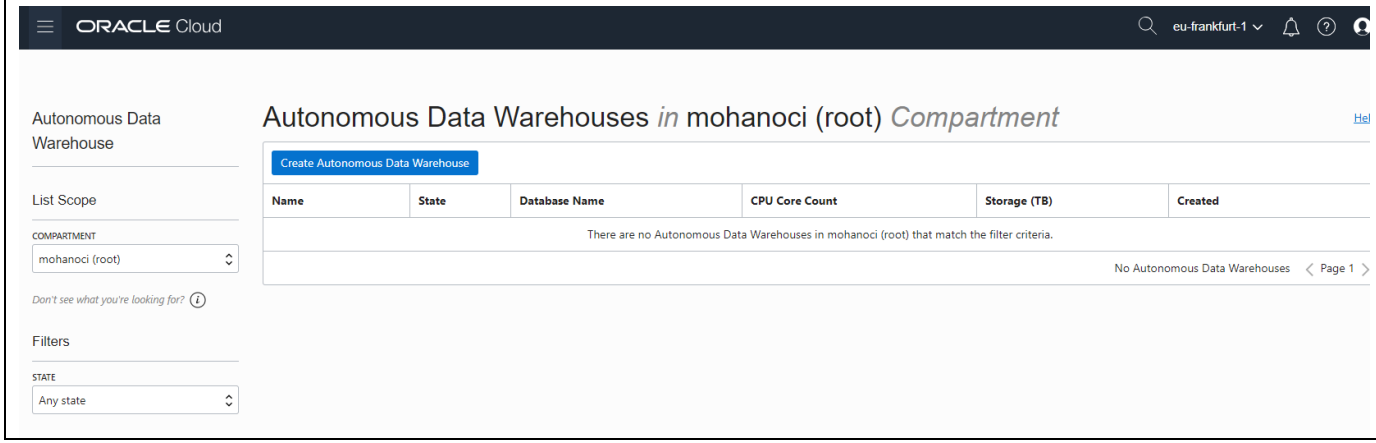
4. Provide the information

   User Name : **your email**
   Password: **provide your password that you did reset from welcome email**

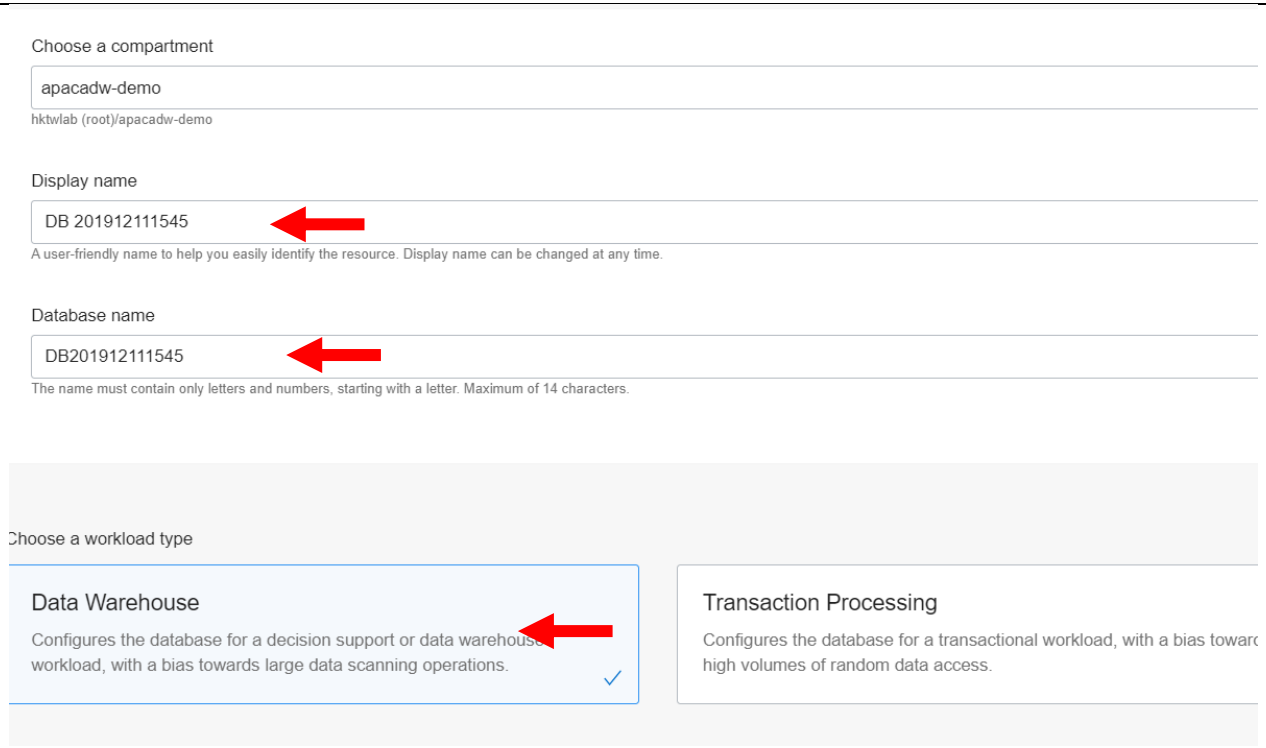
5. Click “Sign In“ button



6. Click on top left to expand service menu
7. Click "**Autonomous Data Warehouse**"



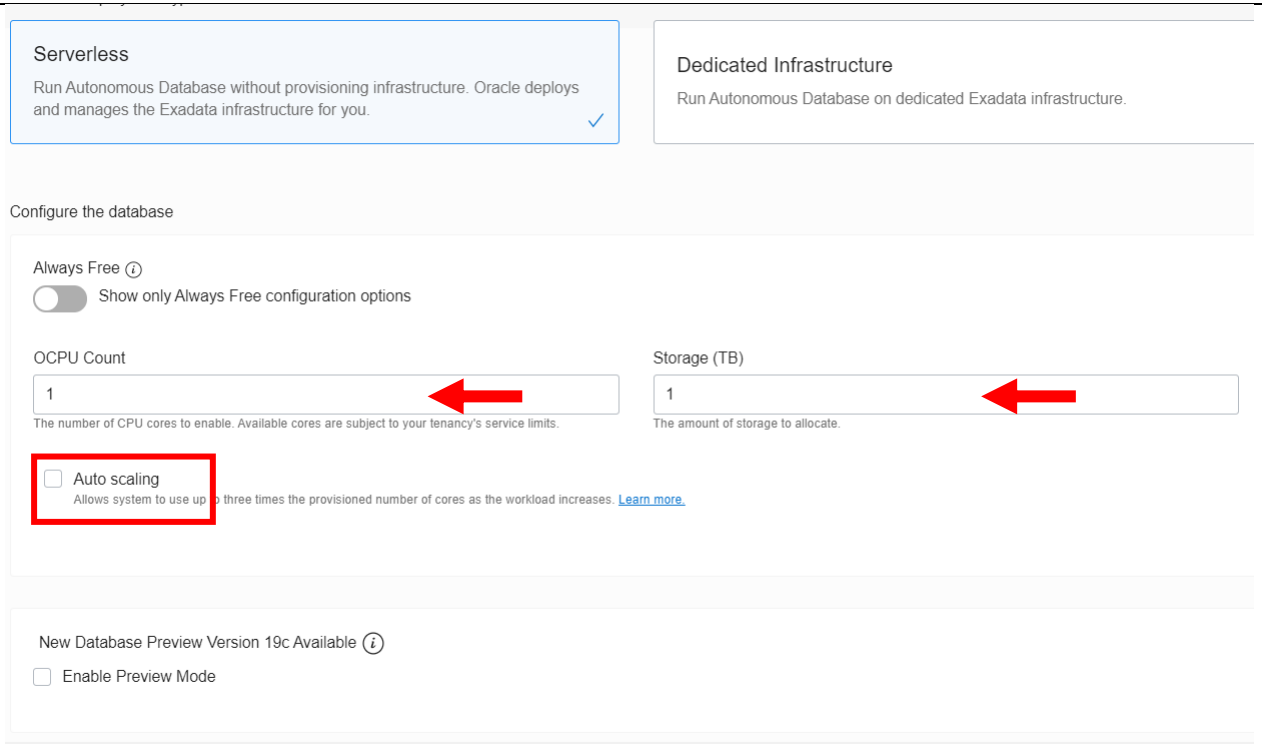
8. Click "**Create Autonomous Data Warehouse**"

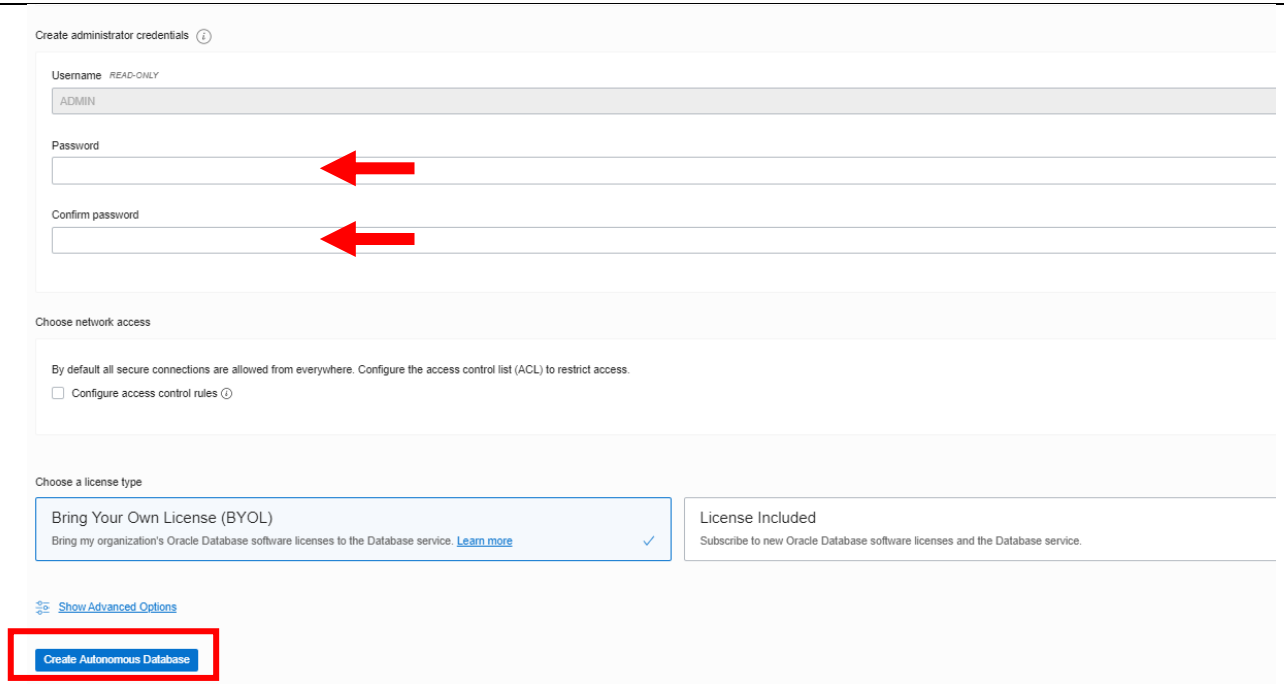


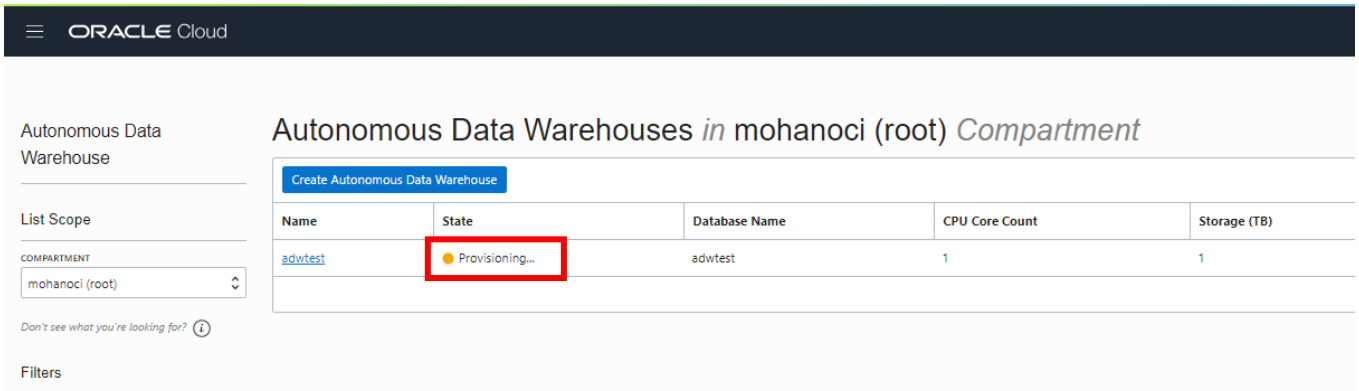
9. Provide the ADW Instance Information
   - Display Name: anyname
   - Database name: anyname (**use your username as database name and display name**)
   - Chose Data Warehouse
   - CPU Count: 1 (default)
   - Storage: 1 (default)
   - **Disable Auto Scaling**
   - Administrator Password: **Any**
   - Confirm Administrator Password: **Any**
   - License Type – License Included (default)

Leave all other fields to their default value.

10. Click “Create Autonomous Data Warehouse”

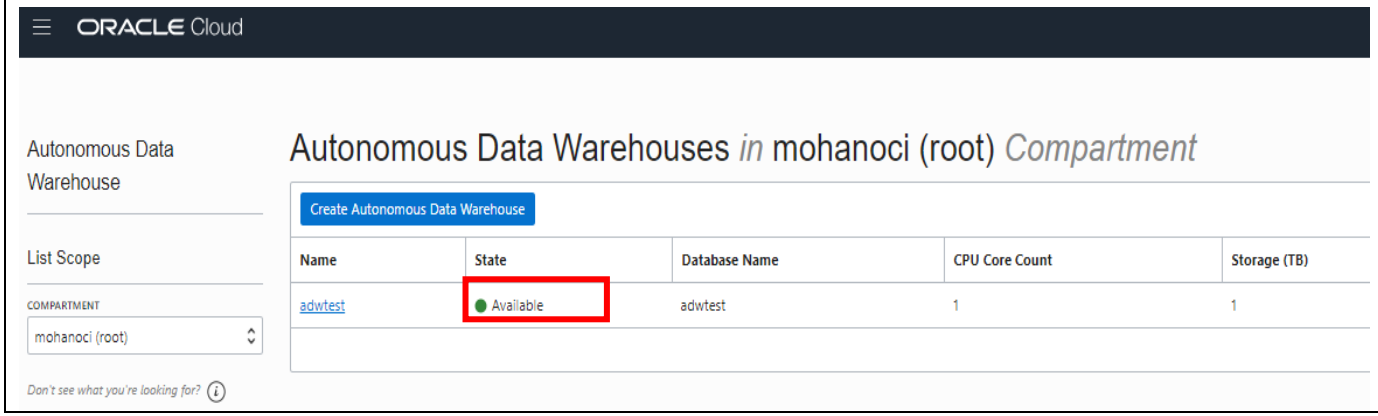

Serverless
Run Autonomous Database without provisioning infrastructure. Oracle deploys and manages the Exadata infrastructure for you.
Dedicated Infrastructure
Run Autonomous Database on dedicated Exadata infrastructure.
Configure the database
Always Free
Show only Always Free configuration options
OCPU Count
1
The number of CPU cores to enable. Available cores are subject to your tenancy's service limits.
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.
New Database Preview Version 19c Available
Enable Preview Mode





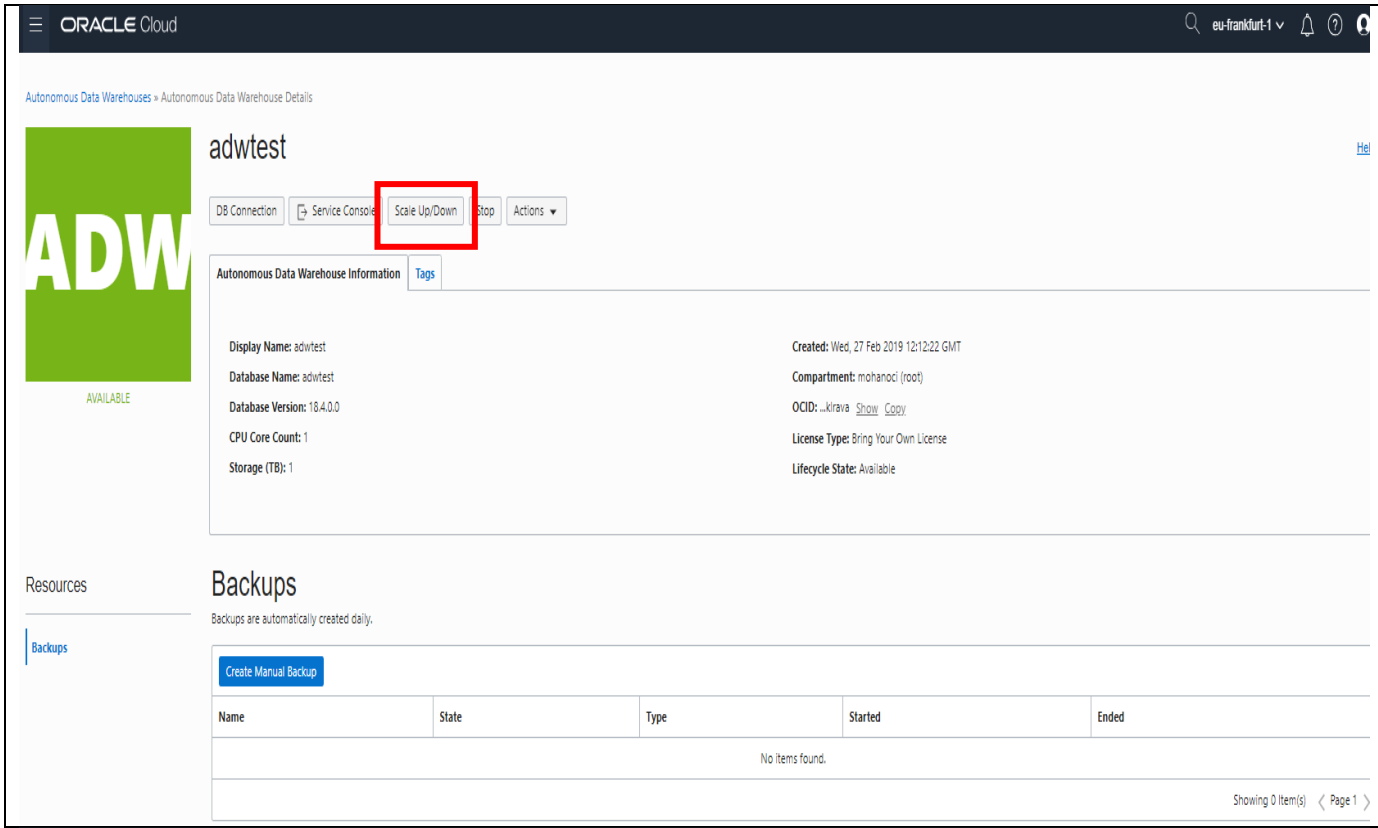
11. Note your ADW service is being provisioned and state appears to be "**Provisioning**"–

Important – Please wait till this completes



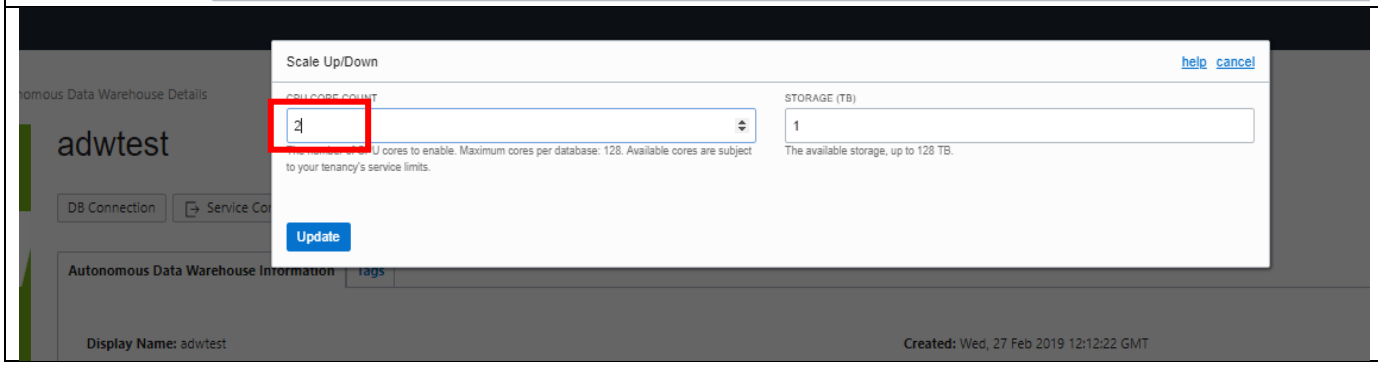
12. State should change to "**Available**" in 2~3 minutes. Once state shows "Available", it means ADW service is ready for use.

13. Please click database name

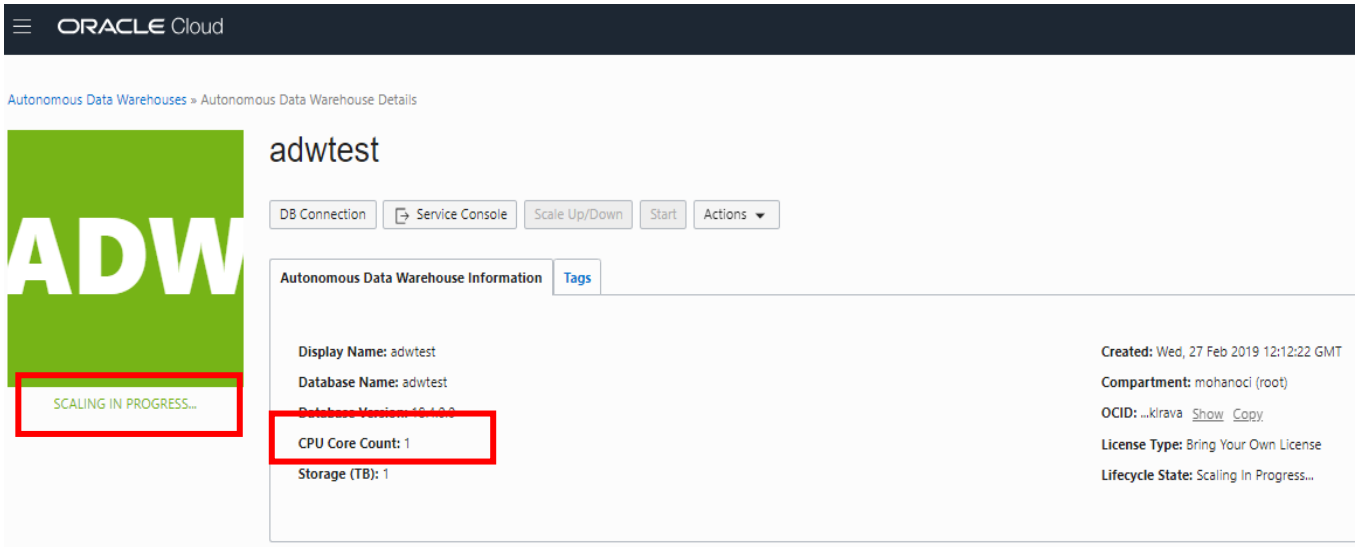


14. You can see details of ADW

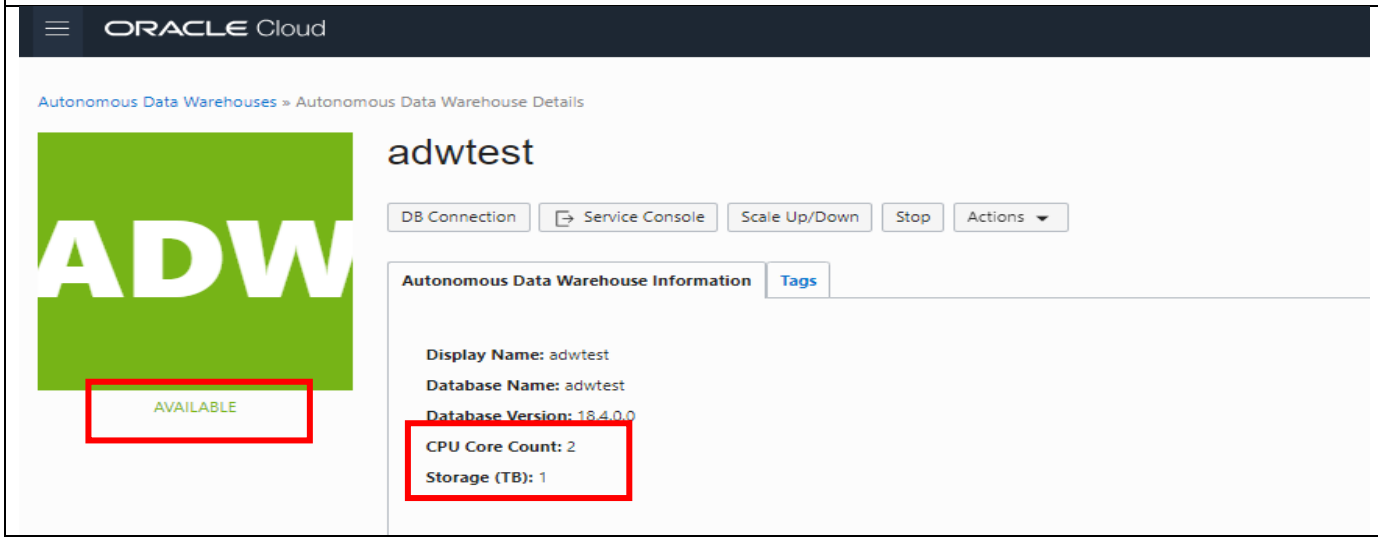
15. You can test "**Scale up**" with ocpu or storage as we create ADW with the minimum configuration.



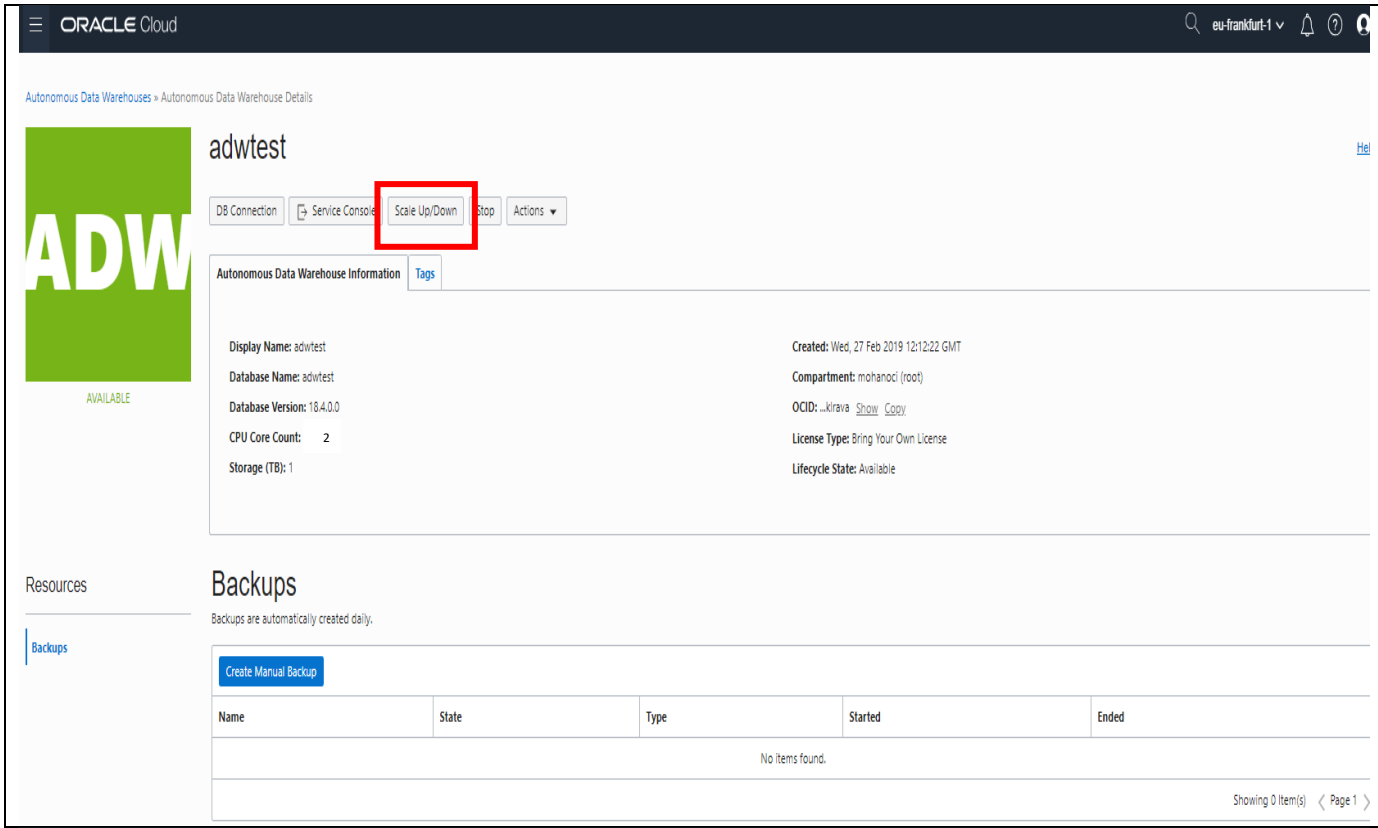
16. Scaling up ocpu from 1 to 2.



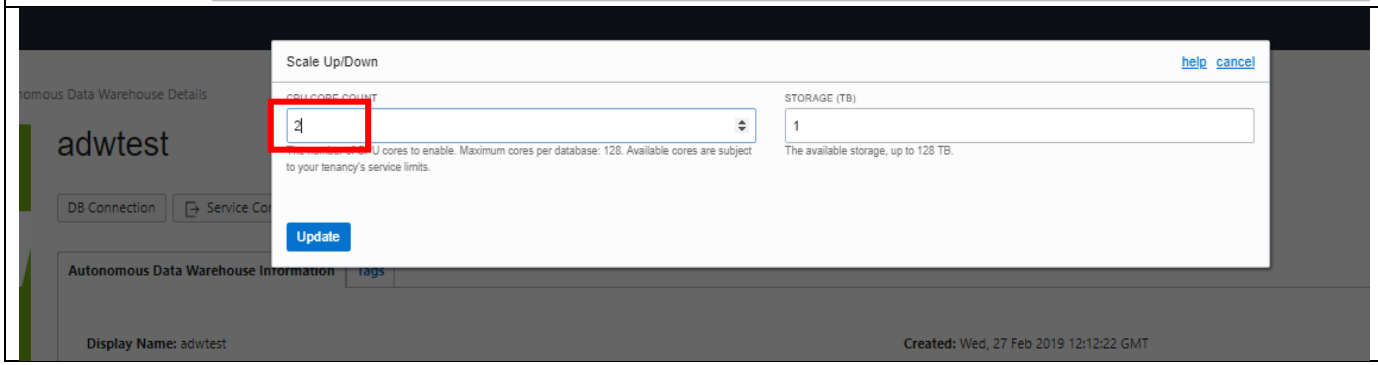
17. You can see **SCAILING IN PROGRESS** and also see **ADW is available** as **GREEN** colour



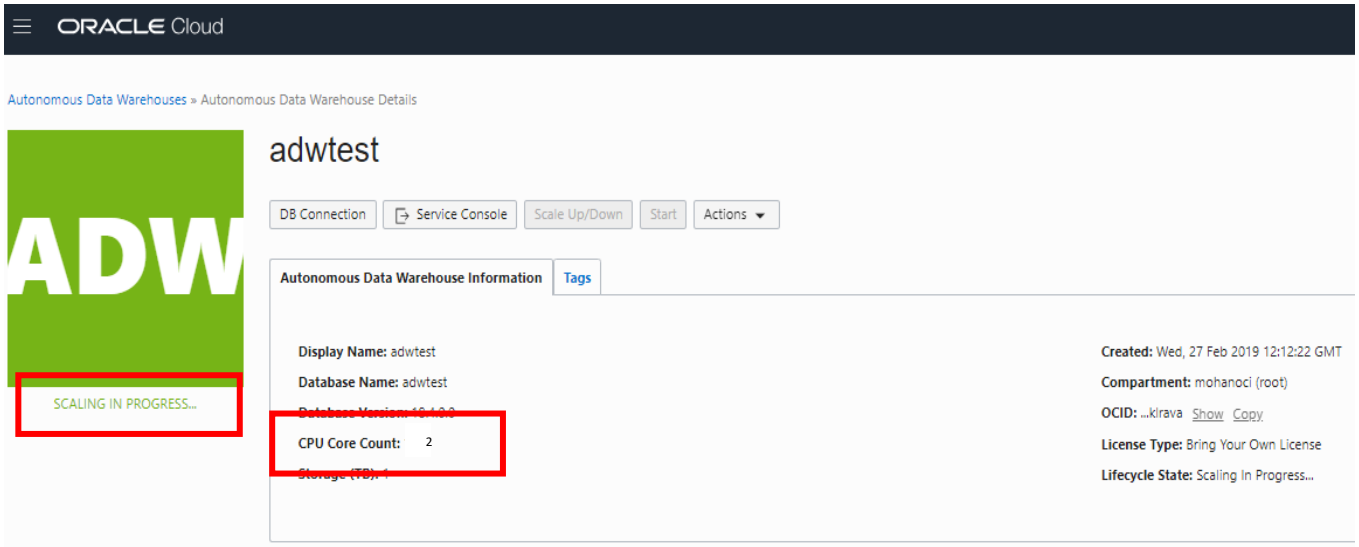
18. It appears to be 2 ocpu now.
ADW was continuously up and running while scaling up number of ocpu.



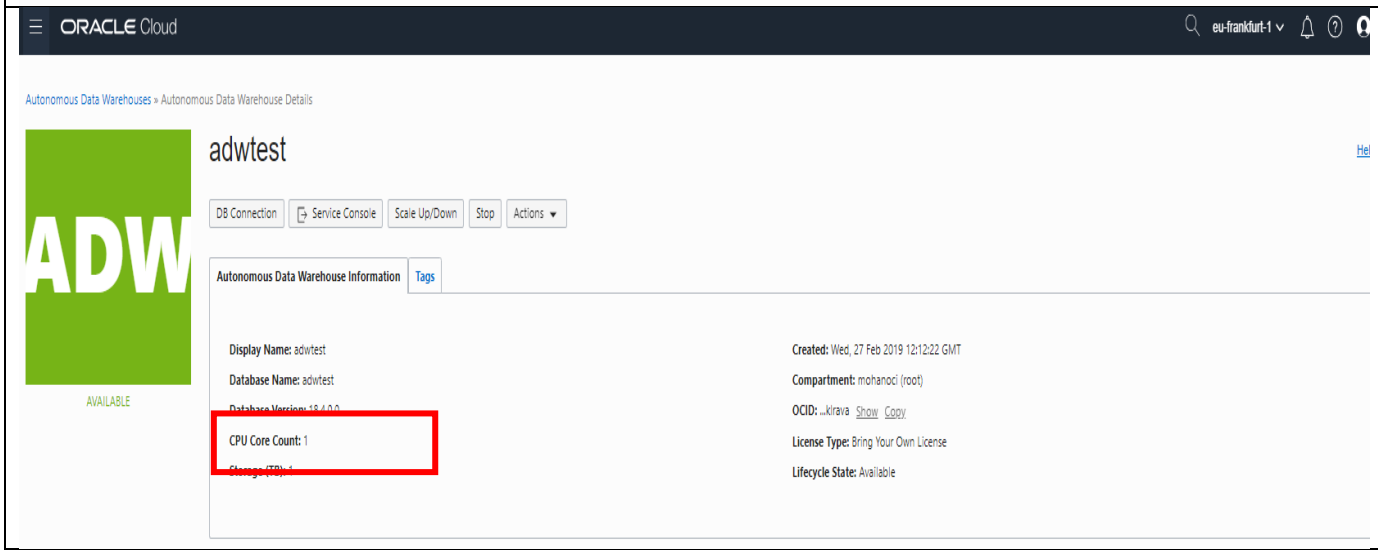
19. You can also test "**Scale Down**" with ocpu or storage as we create ADW with the minimum configuration.



20. Scaling down ocpu from 2 to 1.

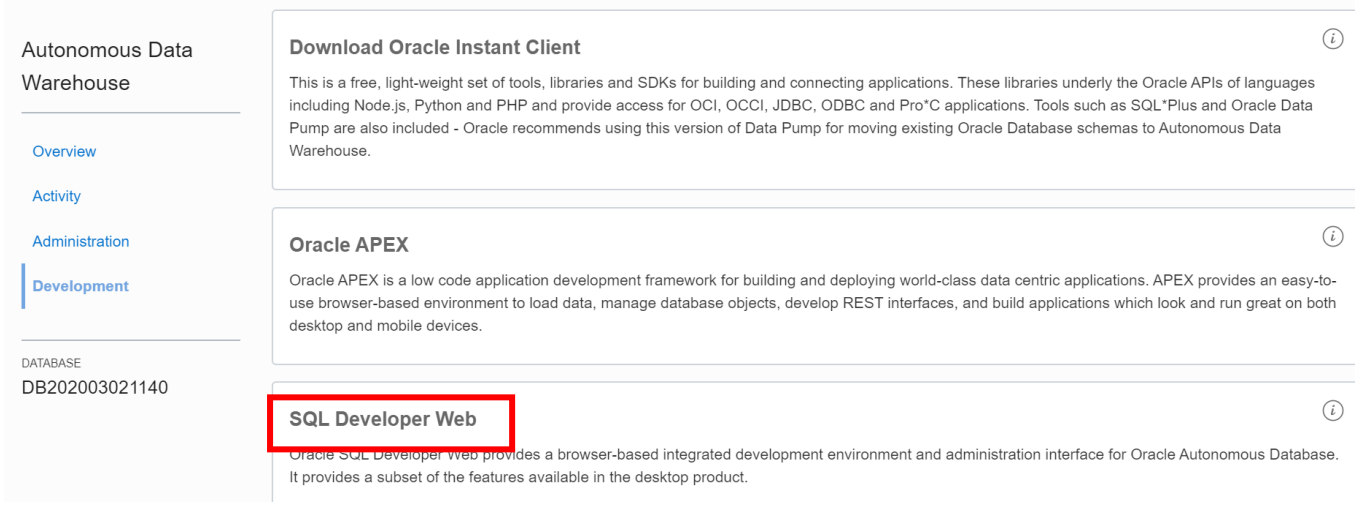


21. You can see **SCAILING IN PROGRESS** and also see **ADW is available** as **GREEN** colour

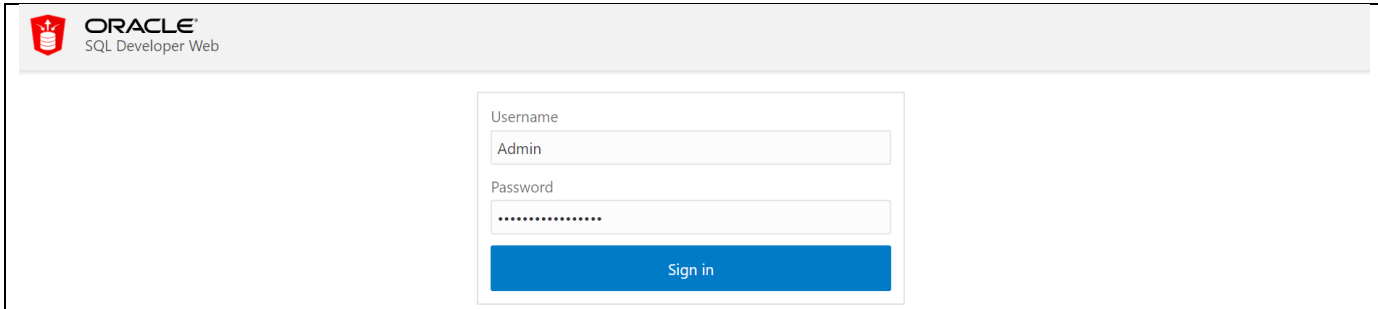


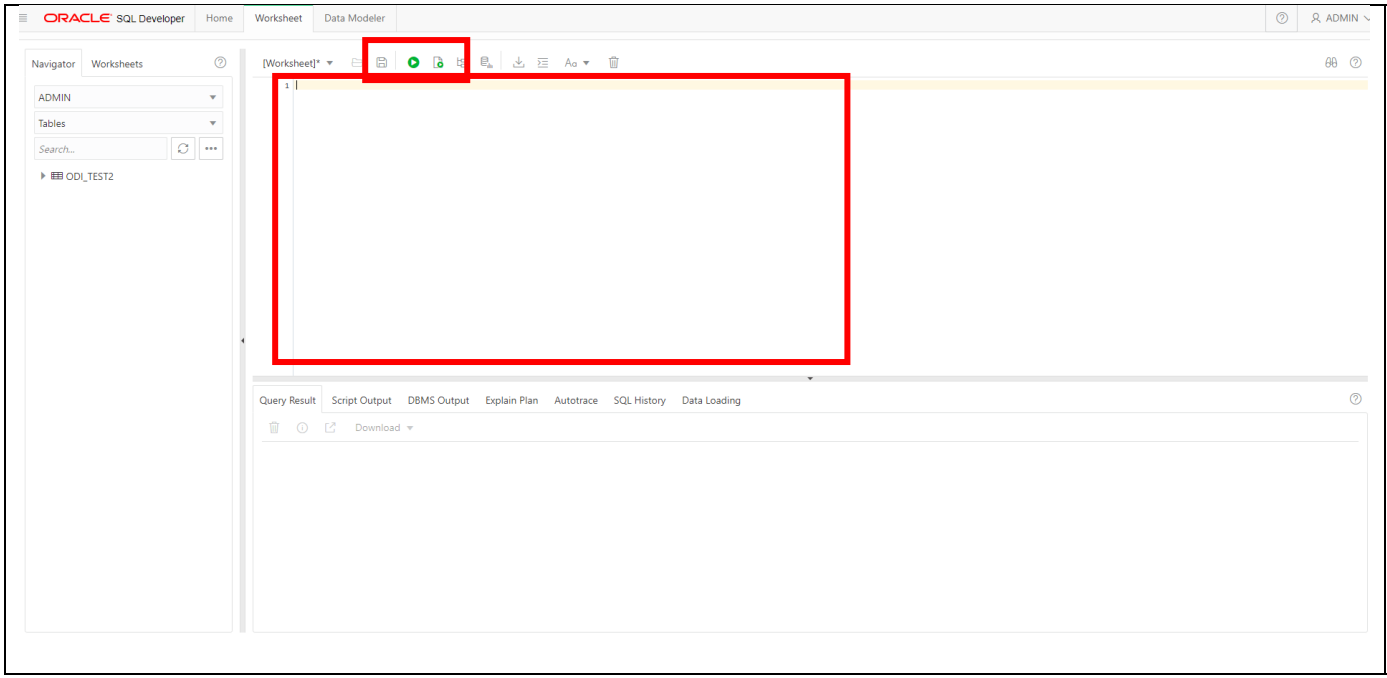
22. It appears to be 1 ocpu now.
ADW was continuously up and running while scaling down number of ocpu.

23. Click on Service Console



24. Click on SQL Developer Web

	25. Key in the Username and Password



26. You can try run some Query Command here
    1. Paste the command in the Worksheet

       select
       *sum(lo_extendedprice*lo_discount)*
       as revenue
       from ssb.lineorder, ssb.dwdate
       where lo_orderdate = d_datekey
       and d_yearmonthnum = 199401
       and lo_discount between 4 and 6
       and lo_quantity between 26 and 35;

    2. Click on Run