Enterprise Standards and Best Practices for IT Infrastructure

Lab Report

Lab 03 - Creating an Amazon RDS Database

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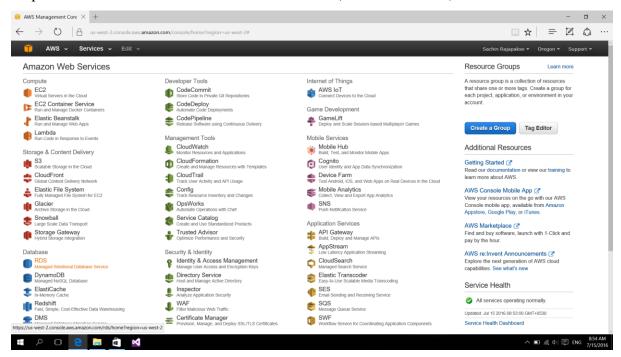
Sri Lanka Institute of Information Technology

B.Sc. Special (Honors) Degree in Information Technology

Specialized in Information Technology

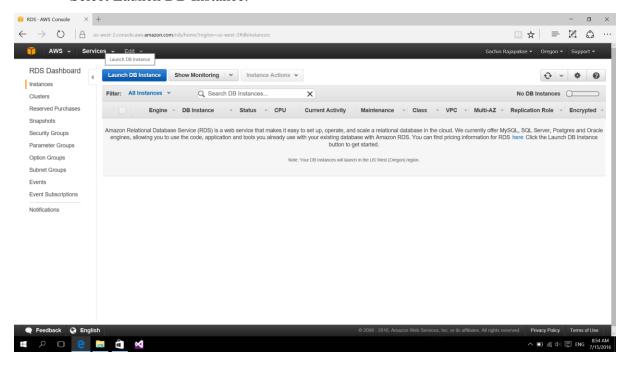
Creating an Amazon RDS Database

Step 01: Select RDS from Amazon Web Services. (Services -> RDS)

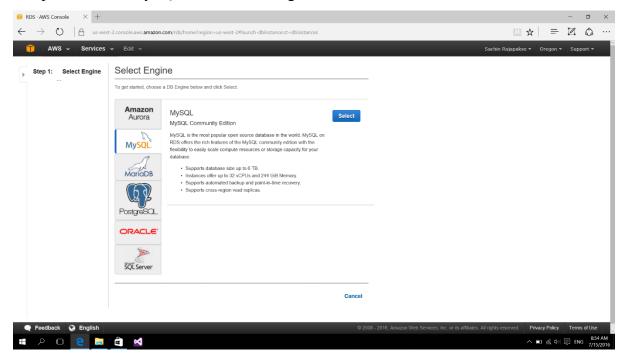


Step 02: Choose Instances from RDS Dashboard.

Select Launch DB Instance.

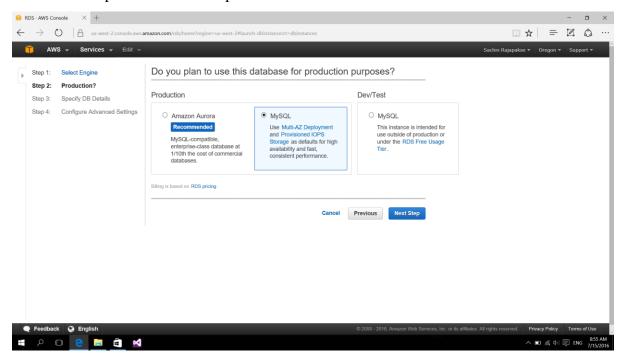


Step 03: Choose MySQL from 'Select Engine' tab.



Step 04: Select MySQL under 'Production' category.

Then proceed to next step.



Step 05: Specify the DB details. (Instance Specifications and Settings)

License Model: general-public-license

DB Engine Version: 5.6.19a

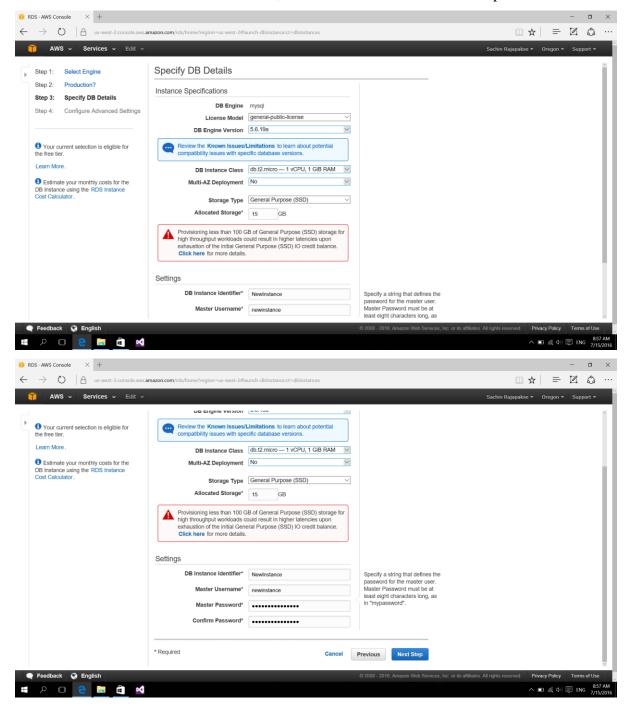
DB Instance Class: db.t2.micro – 1 vCPU, 1 GiB RAM

Multi-AZ Deployment: No

Storage Type: General Purpose (SSD)

Allocated Storage: 15 GB

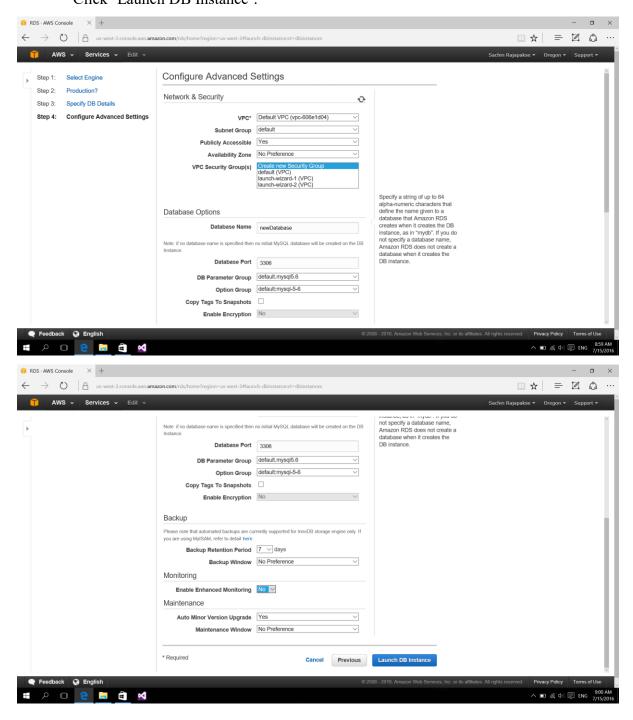
Provide a DB instance identifier, a master username and a master password.



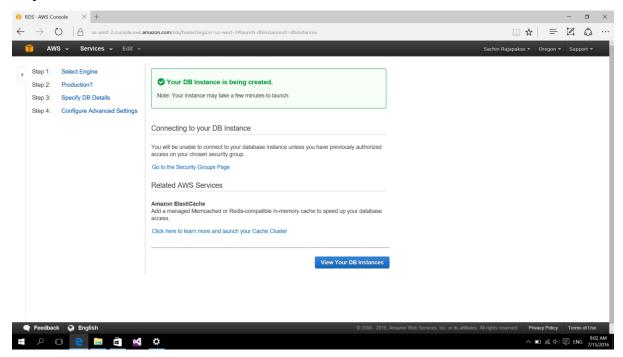
Step 06: Give a database name in 'Configure Advanced Settings' tab. (Database Options)

Choose 'No' in Enable Enhanced Monitoring. (Monitoring)

Click 'Launch DB Instance'.

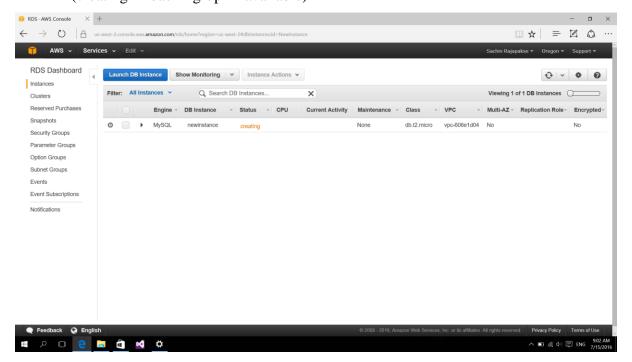


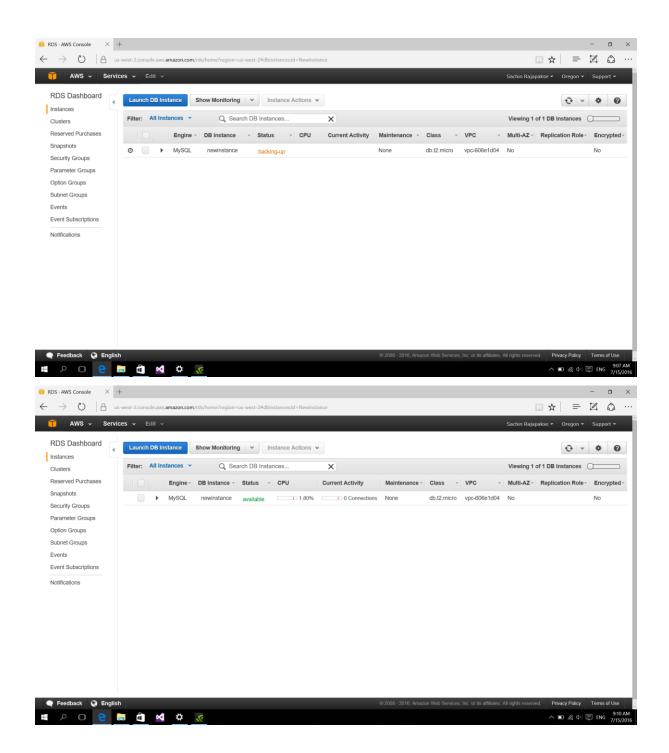
Step 07: Click 'View Your DB Instances' from next window.



Step 08: Wait until the instance status change to 'available' from 'creating'.

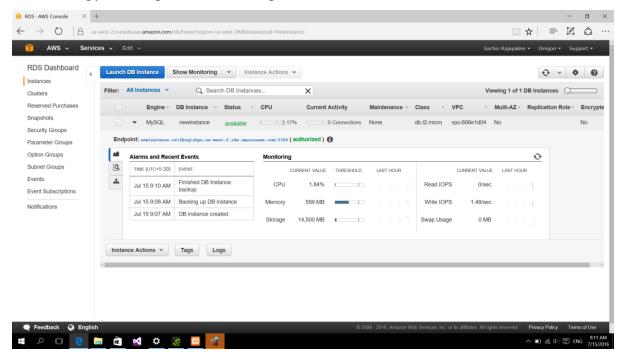
(creating -> backing-up -> available)





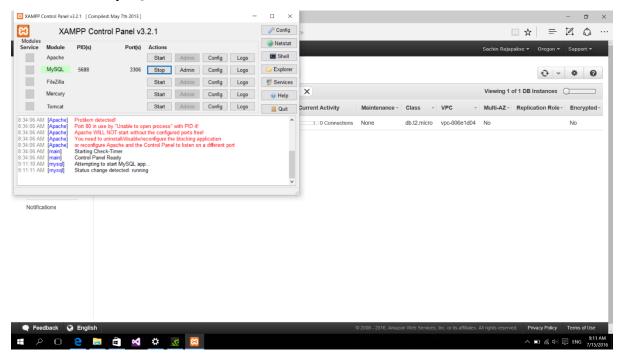
Step 09: Expand the instance to view Endpoint.

Copy the Endpoint without the port number.



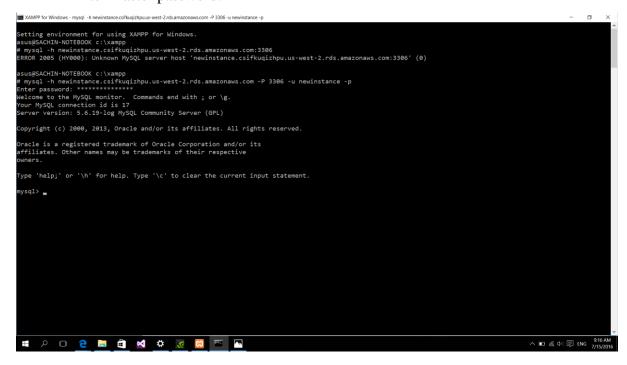
Step 10: Open XAMPP Control Panel.

Start MySQL.



Step 11: Go to the Shell in XAMPP Control Panel.

Type the command. (mysql -h <endpoint> -P <portnumber> -u <instancename> -p)
Enter master password.



Step 12: Delete the created DB instance. (Instance Actions -> Delete)

Confirm delete by clicking 'Delete'.

