

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



Installing MySQL in Cloud Amazon ESBP II LAB ASSIGNMENT 2

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IT13039646

Week Day

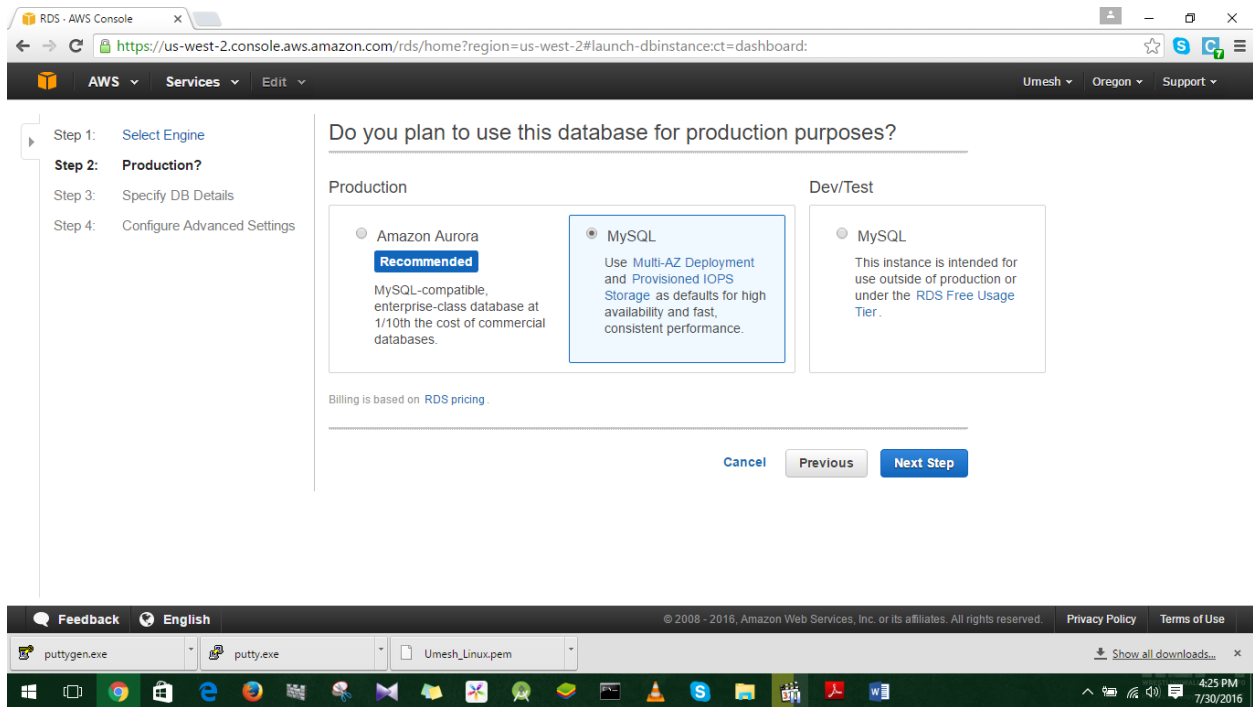
In AWS home select 'RDS' then click 'Instances'.

The screenshot shows the AWS RDS console home page. The left sidebar contains a navigation menu with options: RDS Dashboard, Instances, Clusters, Reserved Purchases, Snapshots, Security Groups, Parameter Groups, Option Groups, Subnet Groups, Events, Event Subscriptions, and Notifications. The main content area features a top banner for Amazon RDS for Aurora, followed by a 'Resources' section listing various RDS resources in the US West (Oregon) region, such as DB Instances (1/40), Parameter Groups (1), and Snapshots (43). To the right of the Resources section is an 'Additional Information' section with links to documentation and pricing. At the bottom of the main content area is a 'Create Instance' button. The bottom of the browser window shows a Windows taskbar with various application icons and a system clock indicating 4:24 PM on 7/30/2016.

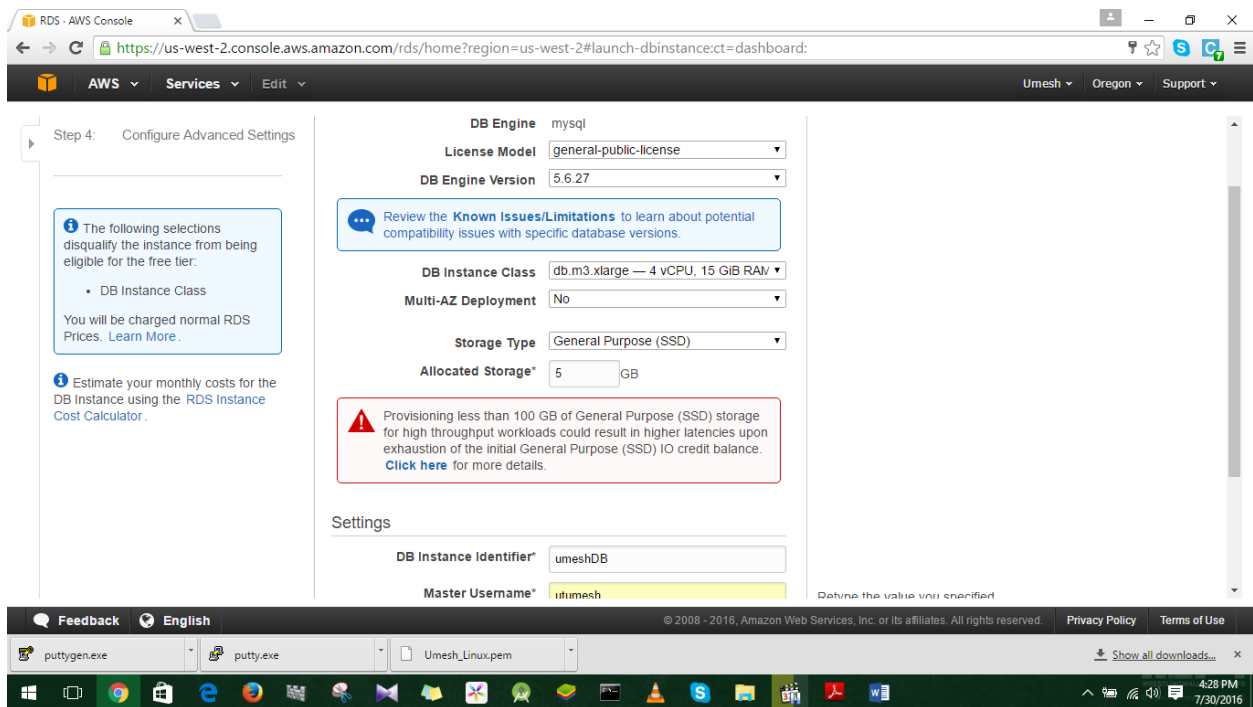
Click 'Launch DB Instance' & Select 'MySQL' and click 'Select'.

The screenshot shows the 'Select Engine' page in the AWS RDS console. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Select Engine' and includes a sub-header 'To get started, choose a DB Engine below and click Select.' Below this, there is a list of database engines: Amazon Aurora, MySQL, MariaDB, PostgreSQL, and ORACLE. The MySQL engine is selected, and its details are displayed, including a 'Select' button. The details for MySQL include a description of its popularity and features, such as supporting database size up to 6 TB, instances offering up to 32 vCPUs and 244 GiB Memory, and supporting automated backup and point-in-time recovery. The bottom of the browser window shows the same Windows taskbar as in the previous screenshot.

Select 'MySQL' in Production.



Select db.12.micro—1 vCPU, 1 GiB RAM, select No for Multi-AZ Deployment, Storage Type : General Purpose (SSD), Allocated Storage : 15 GB , Give a DB Instance Identifier any name and for Master Username any username.



RDS - AWS Console

https://us-west-2.console.aws.amazon.com/rds/home?region=us-west-2#launch-dbinstance:ct=dashboard:

AWS Services Edit

Umesh Oregon Support

DB Instance Class

You will be charged normal RDS Prices. [Learn More.](#)

Estimate your monthly costs for the DB Instance using the [RDS Instance Cost Calculator.](#)

Multi-AZ Deployment No

Storage Type General Purpose (SSD)

Allocated Storage* 5 GB

Warning: Provisioning less than 100 GB of General Purpose (SSD) storage for high throughput workloads could result in higher latencies upon exhaustion of the initial General Purpose (SSD) IO credit balance. [Click here](#) for more details.

Settings

DB Instance Identifier* umeshDB

Master Username* utumesh

Master Password*

Confirm Password*

Retype the value you specified for Master Password.

* Required

Cancel Previous **Next Step**

Feedback English

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puttygen.exe putty.exe Umesh_Linux.pem Show all downloads...

Windows Taskbar: 4:29 PM 7/30/2016

Select 'No' in Enable Enhanced Monitoring.

RDS - AWS Console

https://us-west-2.console.aws.amazon.com/rds/home?region=us-west-2#launch-dbinstance:ct=dashboard:

AWS Services Edit

Umesh Oregon Support

Database Port 3306

DB Parameter Group default.mysql5.6

Option Group default.mysql5-6

Copy Tags To Snapshots ☐

Enable Encryption No

Backup

Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to detail [here](#).

Backup Retention Period 0 days

Warning: A backup retention period of zero days will disable automated backups for this DB Instance.

Backup Window No Preference

Monitoring

Enable Enhanced Monitoring Yes

Monitoring Role Default

Granularity 60 second(s)

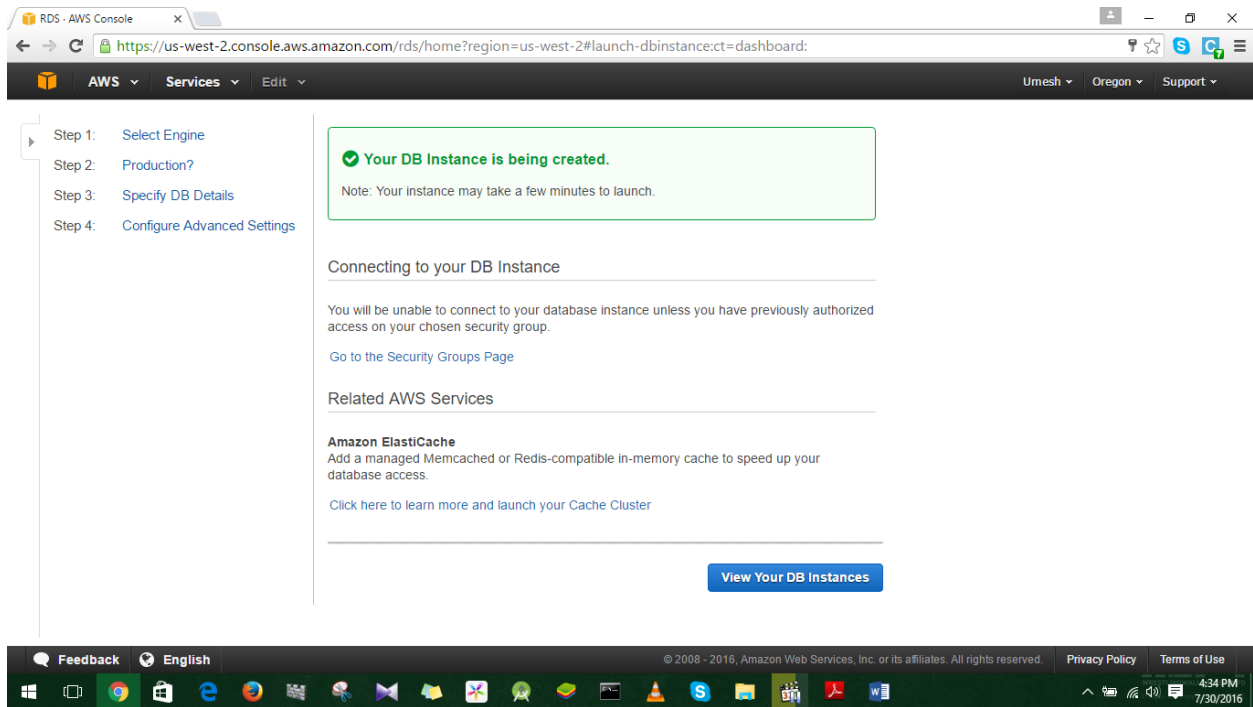
Select the number of days, between 1 and 35, that Amazon RDS should retain automatic backups of this DB instance. The backup retention period determines the period for which you can perform a point-in-time recovery. Select 0 to disable backups. [Learn More.](#)

Feedback English

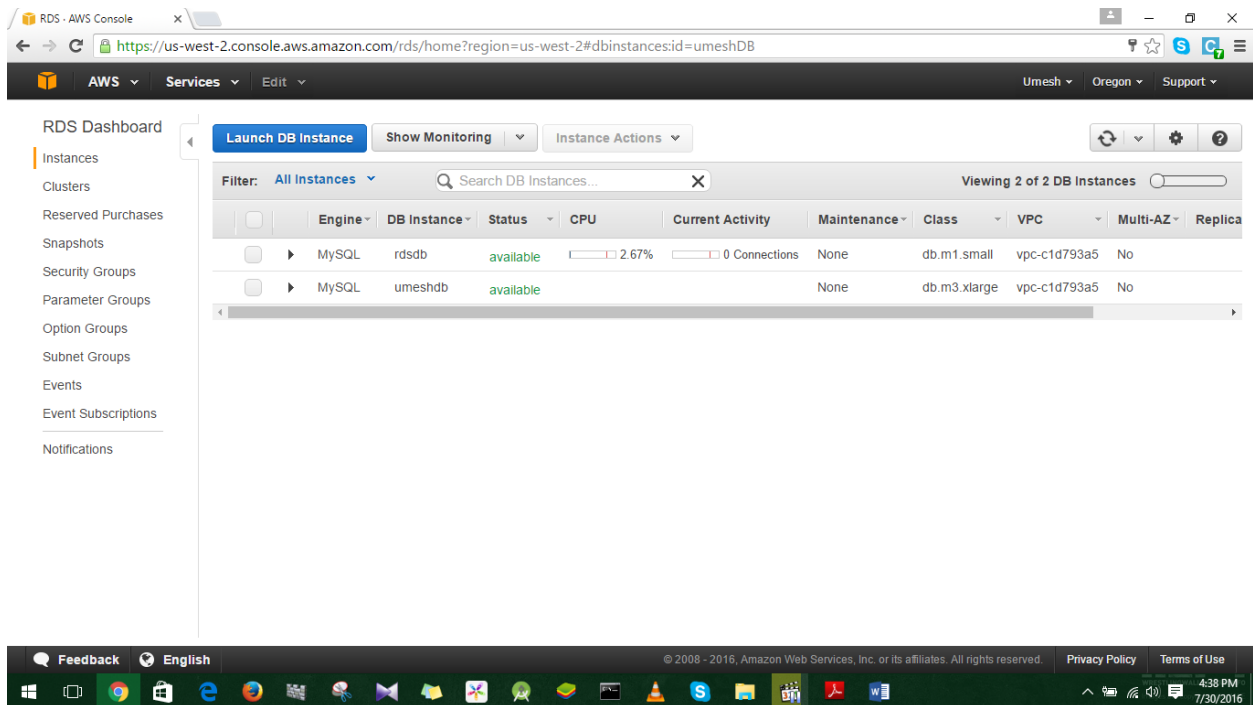
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Windows Taskbar: 4:31 PM 7/30/2016

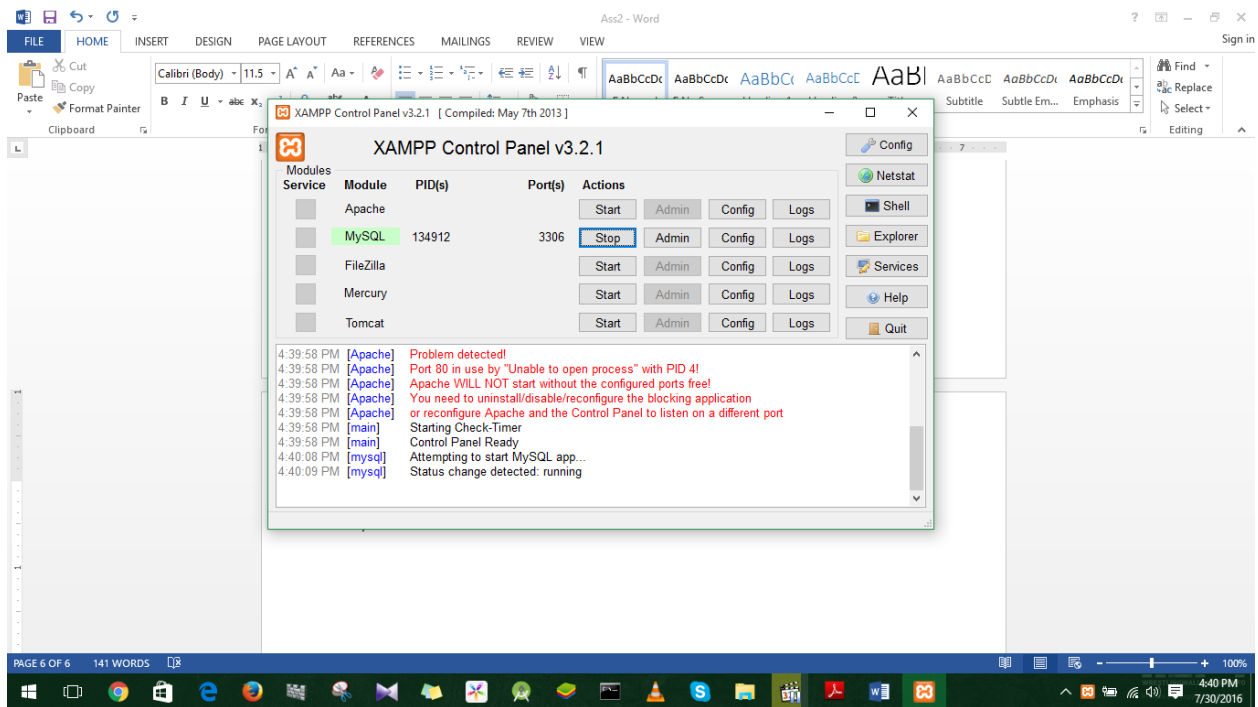
You can see here your instance is created



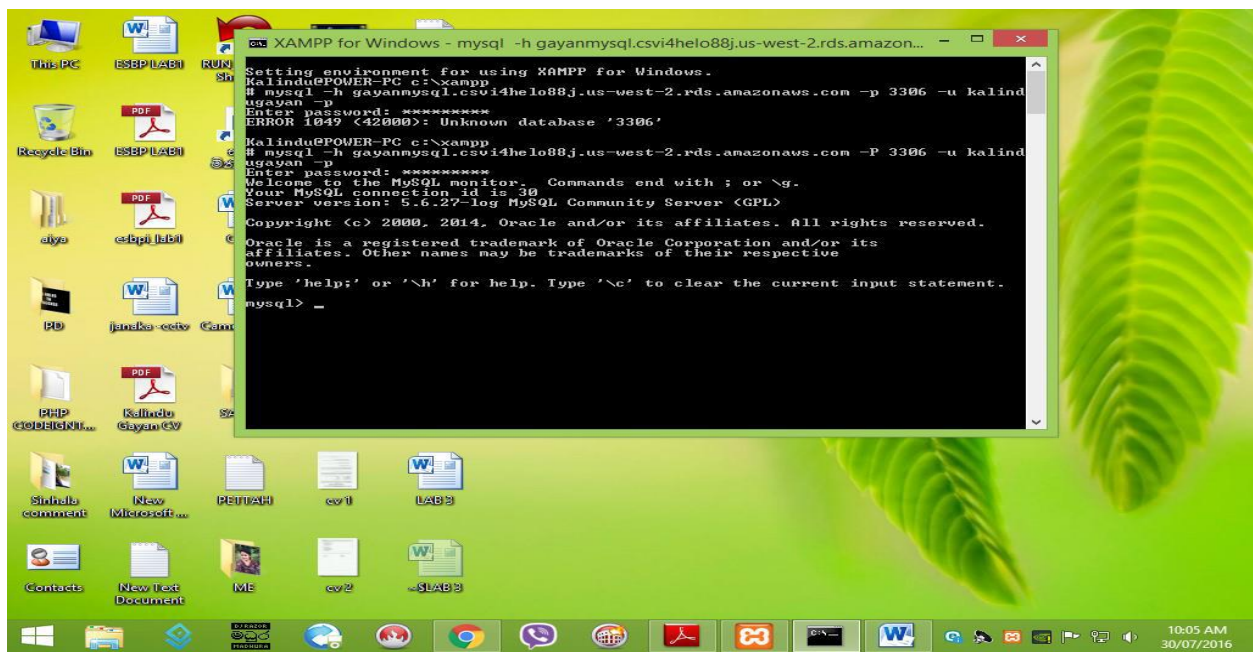
Wait until the status become 'available' from 'creating'. This will take several minutes.



Open xampp enable MySQL



Then select 'shell' and type `mysql -h end instance -P 3306 -u umeshtharaka -p` and provide password previously you provided ,then press 'enter'. You can see the MySQL instance has created.



THE END.