SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

4th Year 2nd Semester 2016

Lab Assignment 3

Installing MySQL in Cloud Amazon

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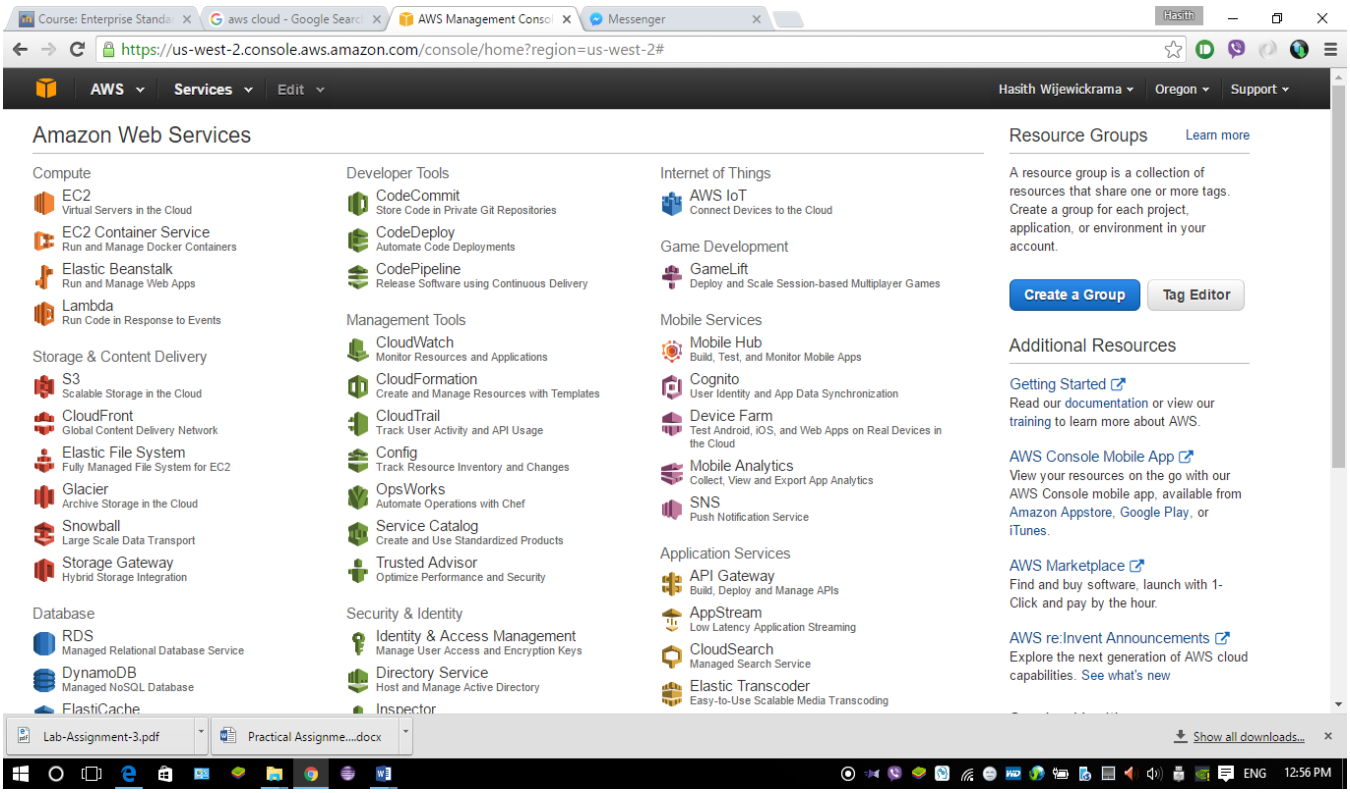
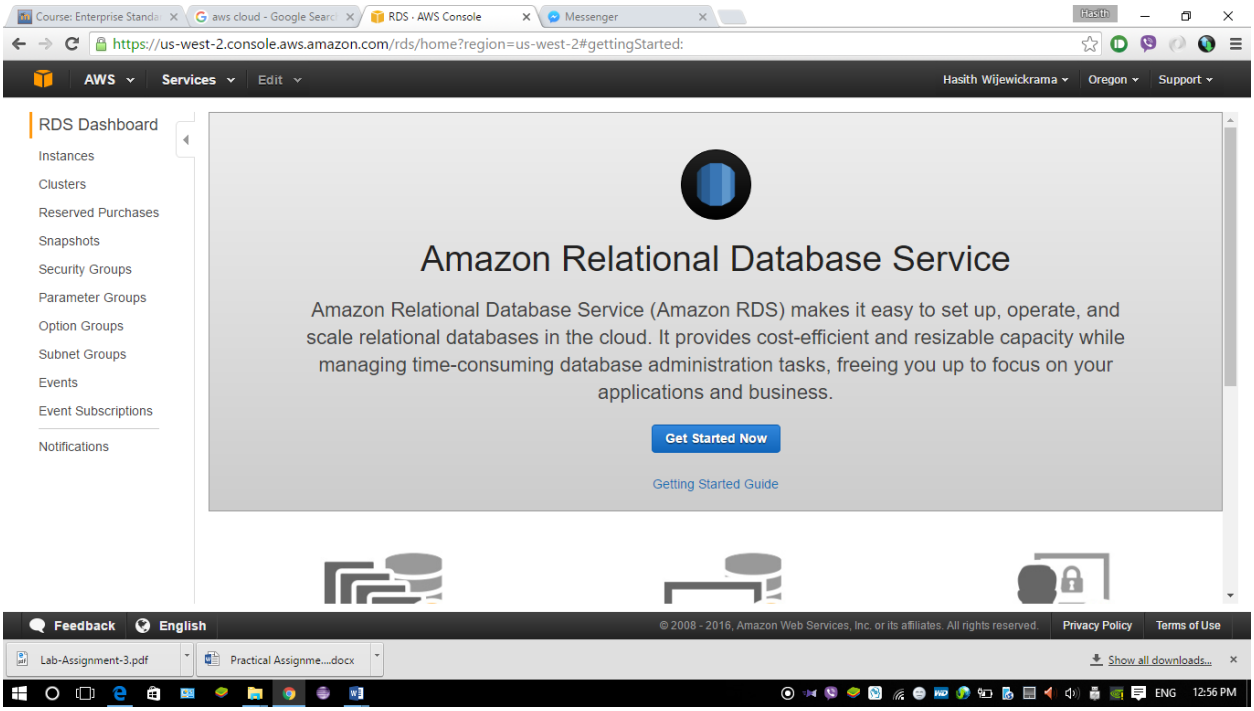
Weekday – IT

Here we are going to install mysql database in amazon cloud. So that we can remotely access to the database and store and retrieve values.

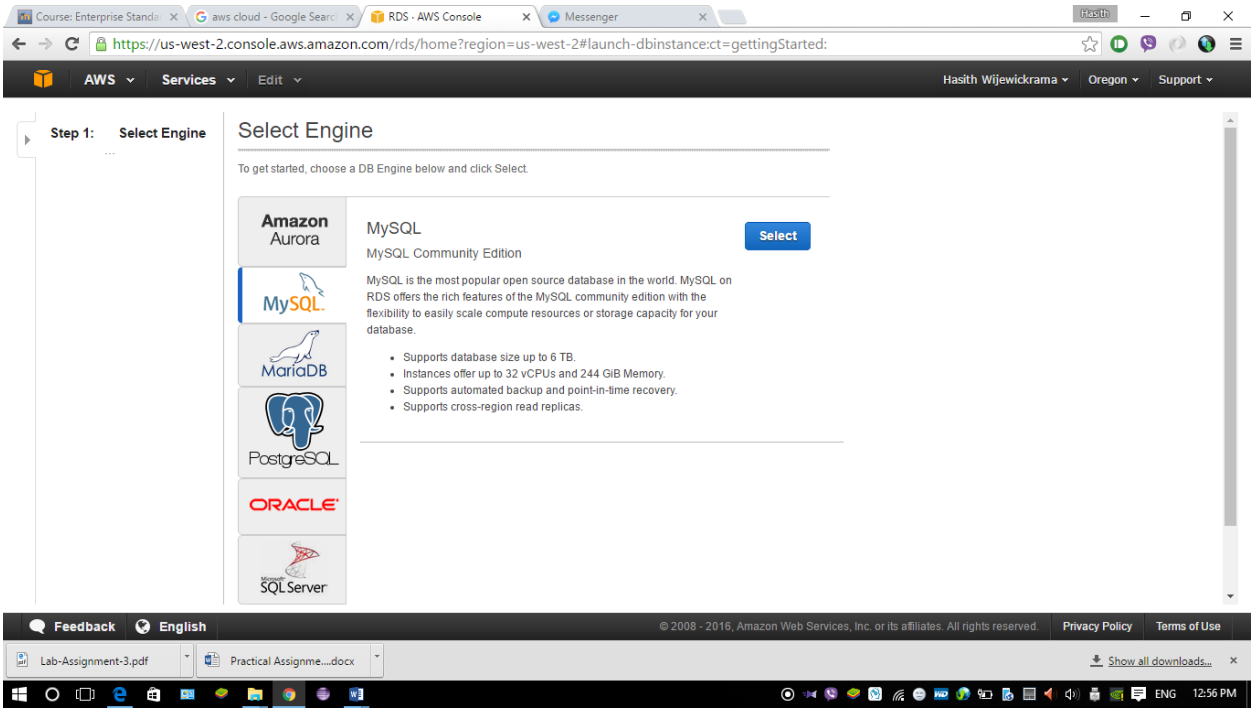
1. First of all login to your amazon account. From there select RDS under the Database category.



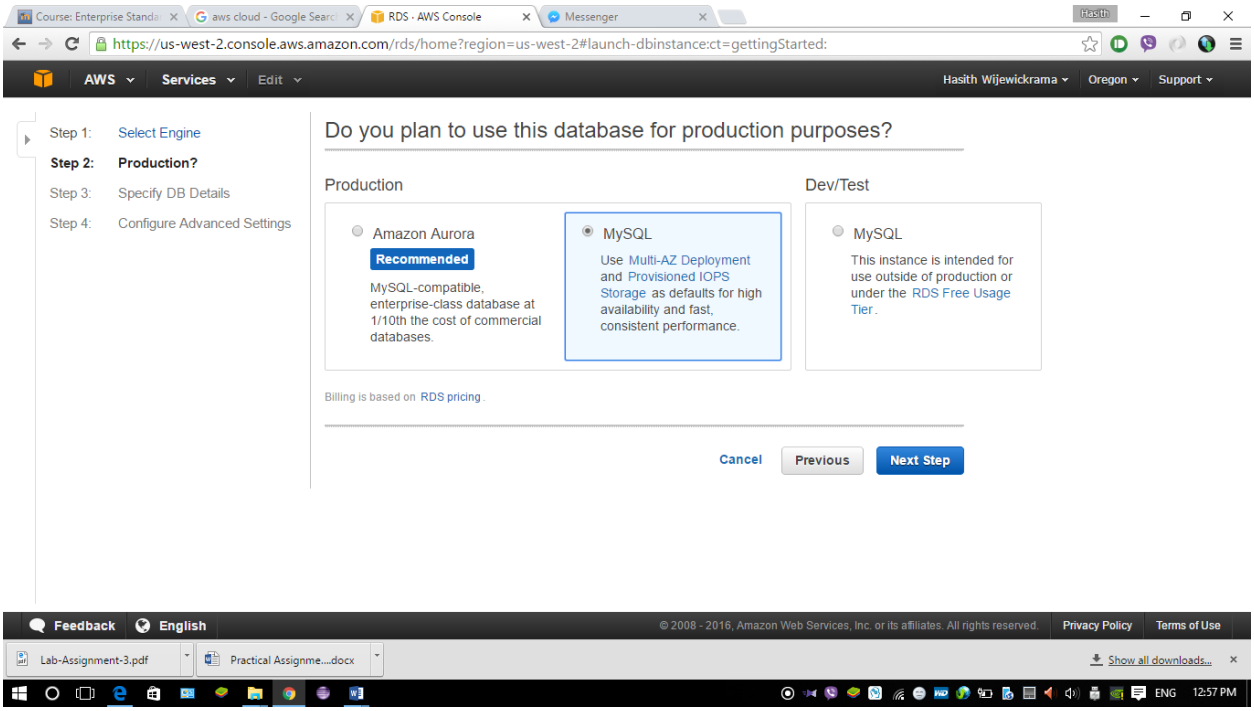
2. Click on Get Started Now to create the db instance.



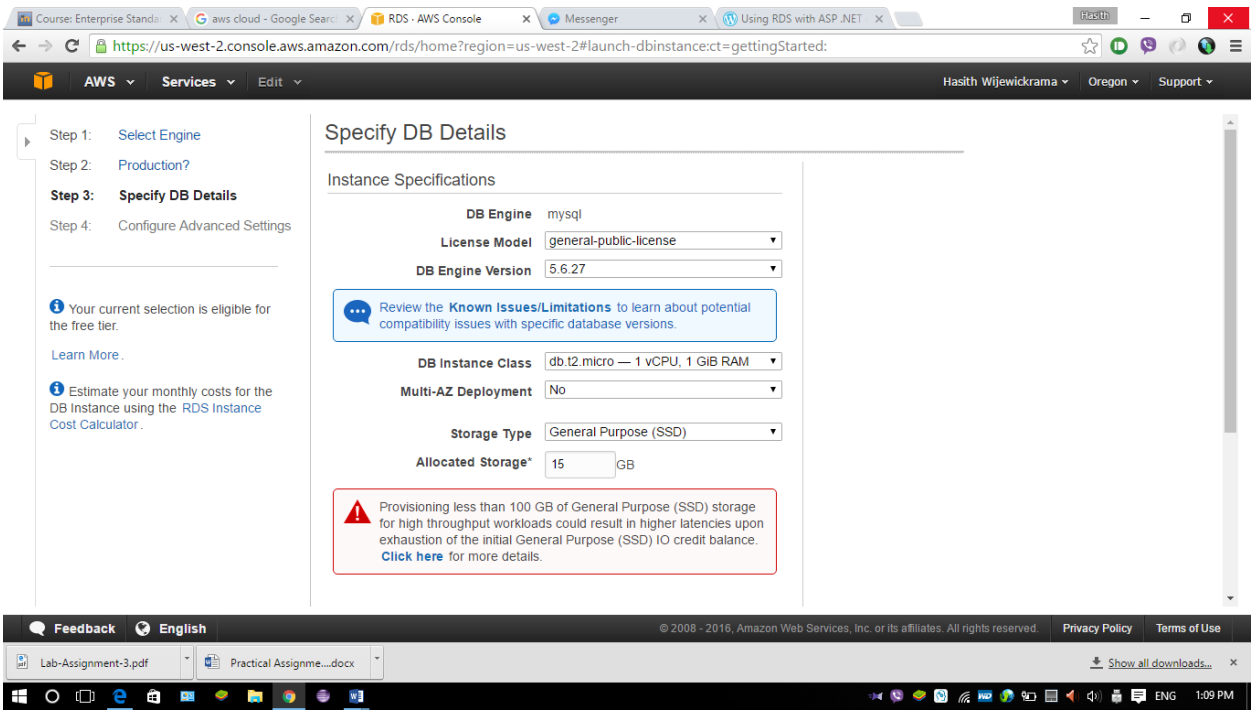
3. Select Mysql as the database engine.



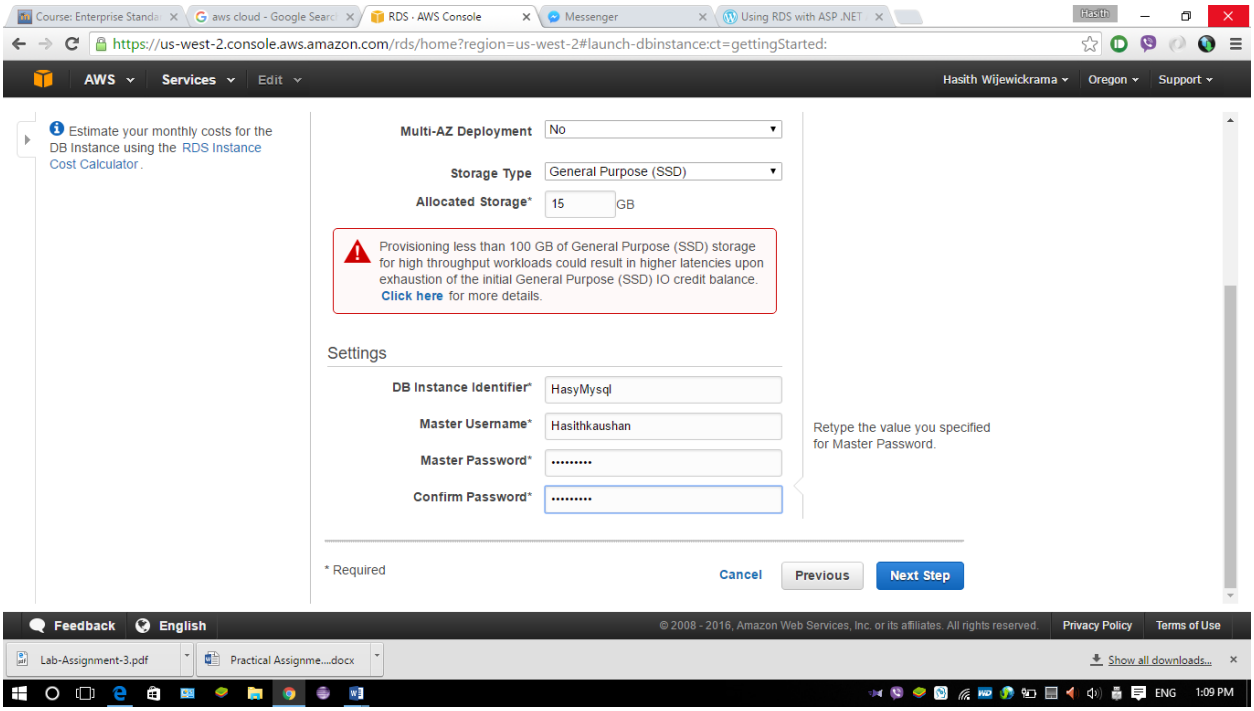
4. Select Mysql.



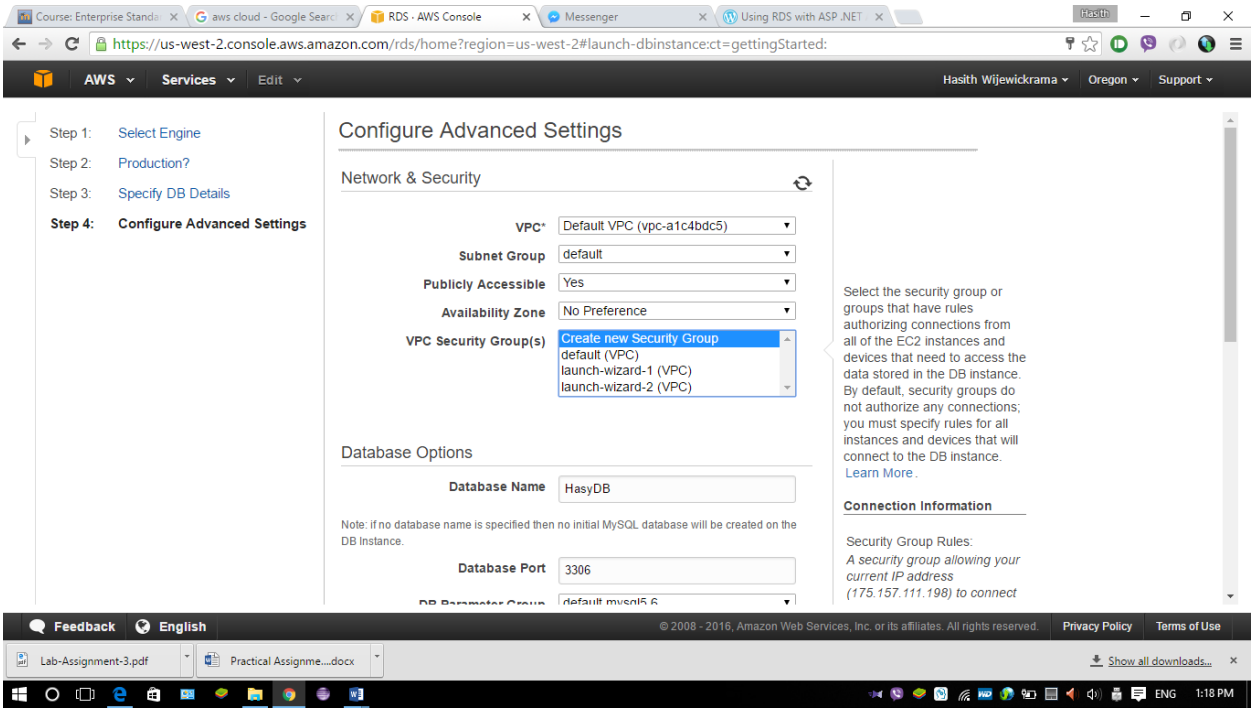
5. Change the DB instance class, Allocated storage and other fields as mentioned below.

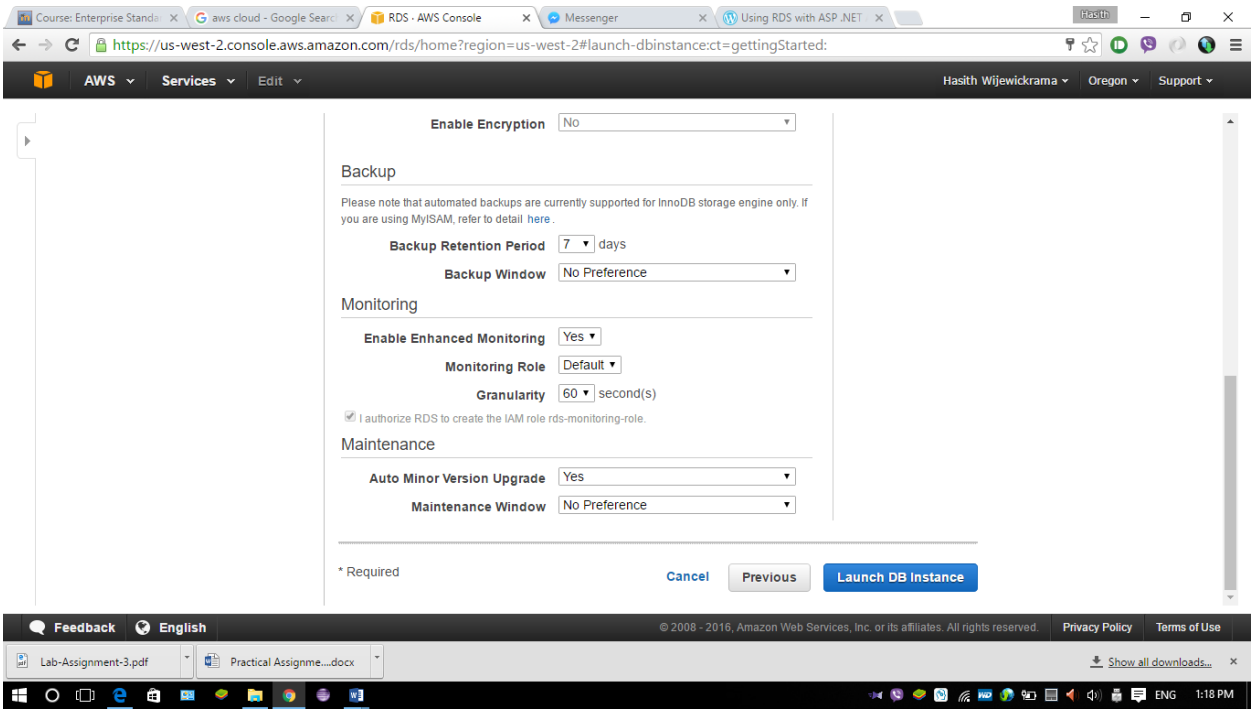


6. Fill the other details such as DB instance identifier, Master username, Password and continue.



7. Choose the VPC Security Group as Create new security group and give a Database name under Database options. Do not change other options and then launch DB instance.




RDS - AWS Console
https://us-west-2.console.aws.amazon.com/rds/home?region=us-west-2#launch-dbinstance:ct=gettingStarted:
AWS
Services
Edit
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Support
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
7
days
Backup Window
No Preference
Monitoring
Enable Enhanced Monitoring
Yes
Monitoring Role
Default
Granularity
60
second(s)
I authorize RDS to create the IAM role rds-monitoring-role.
Maintenance
Auto Minor Version Upgrade
Yes
Maintenance Window
No Preference
* Required
Cancel
Previous
Launch DB Instance
Feedback
English
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Privacy Policy
Terms of Use
Lab-Assignment-3.pdf
Practical Assignme....docx
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ENG
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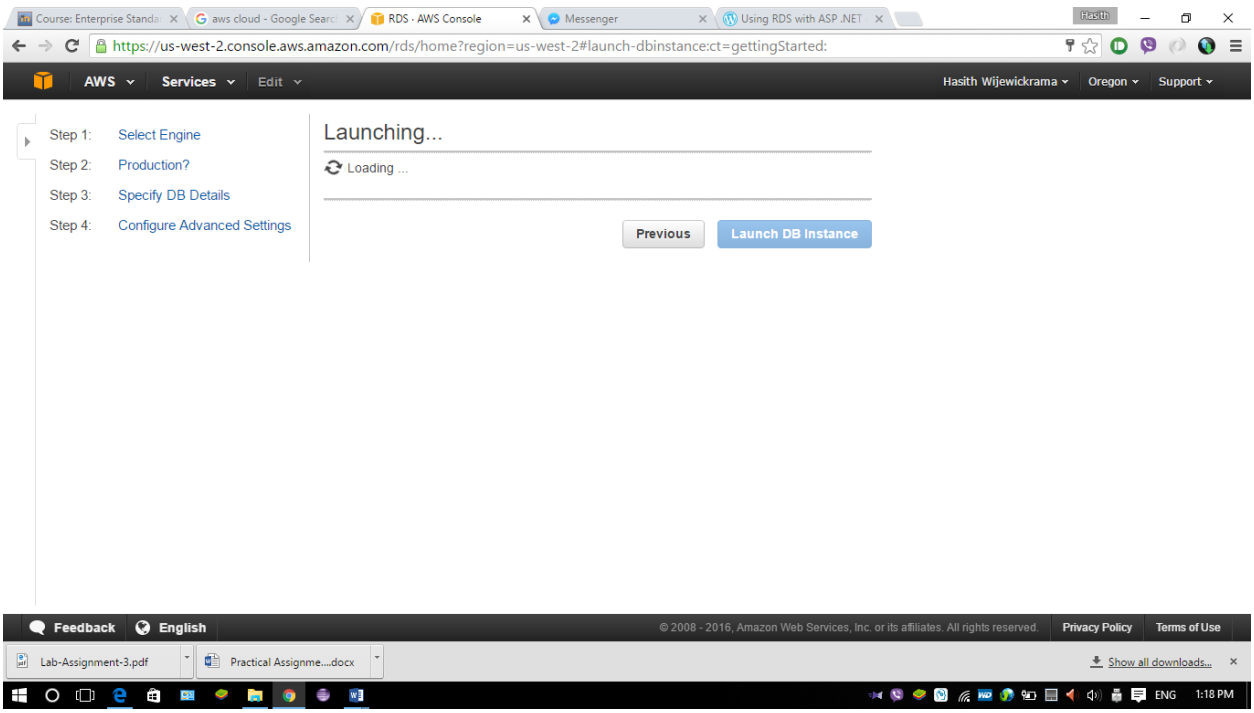
RDS - AWS Console
https://us-west-2.console.aws.amazon.com/rds/home?region=us-west-2#launch-dbinstance:ct=gettingStarted:
AWS
Services
Edit
Hasith Wijewickrama
Oregon
Support
Step 1: Select Engine
Step 2: Production?
Step 3: Specify DB Details
Step 4: Configure Advanced Settings
Launching...
Loading ...
Previous
Launch DB Instance
Feedback
English
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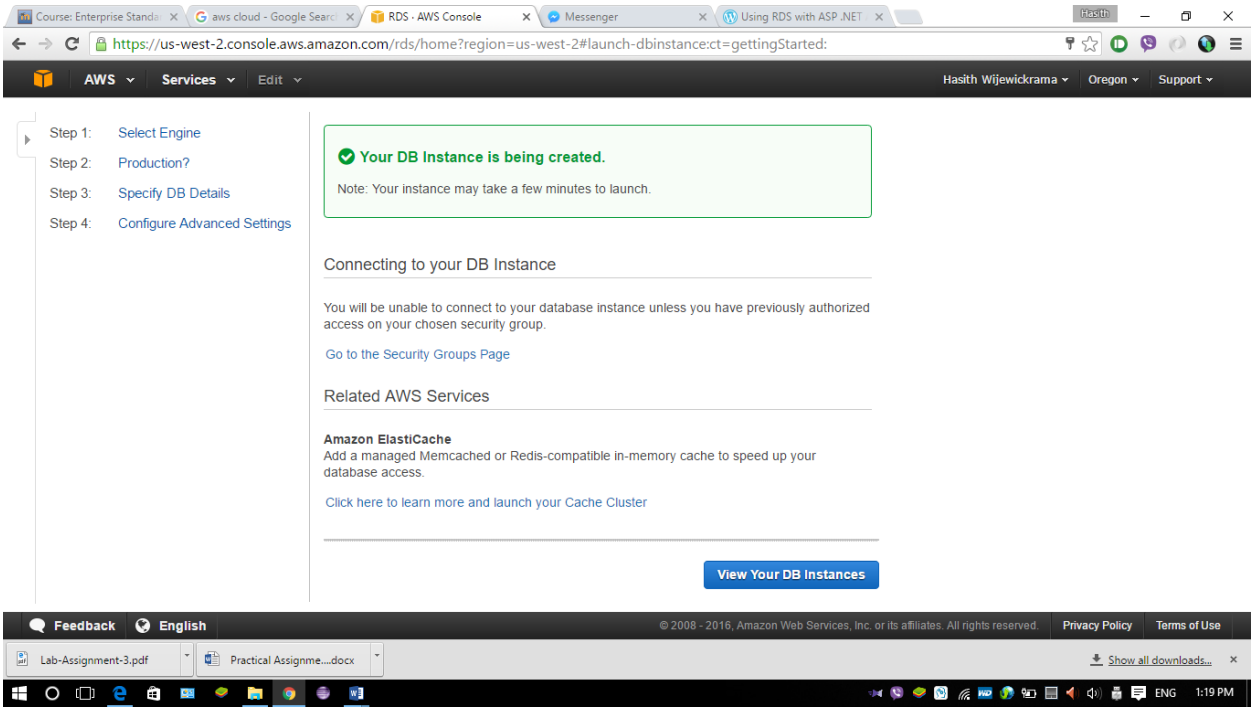
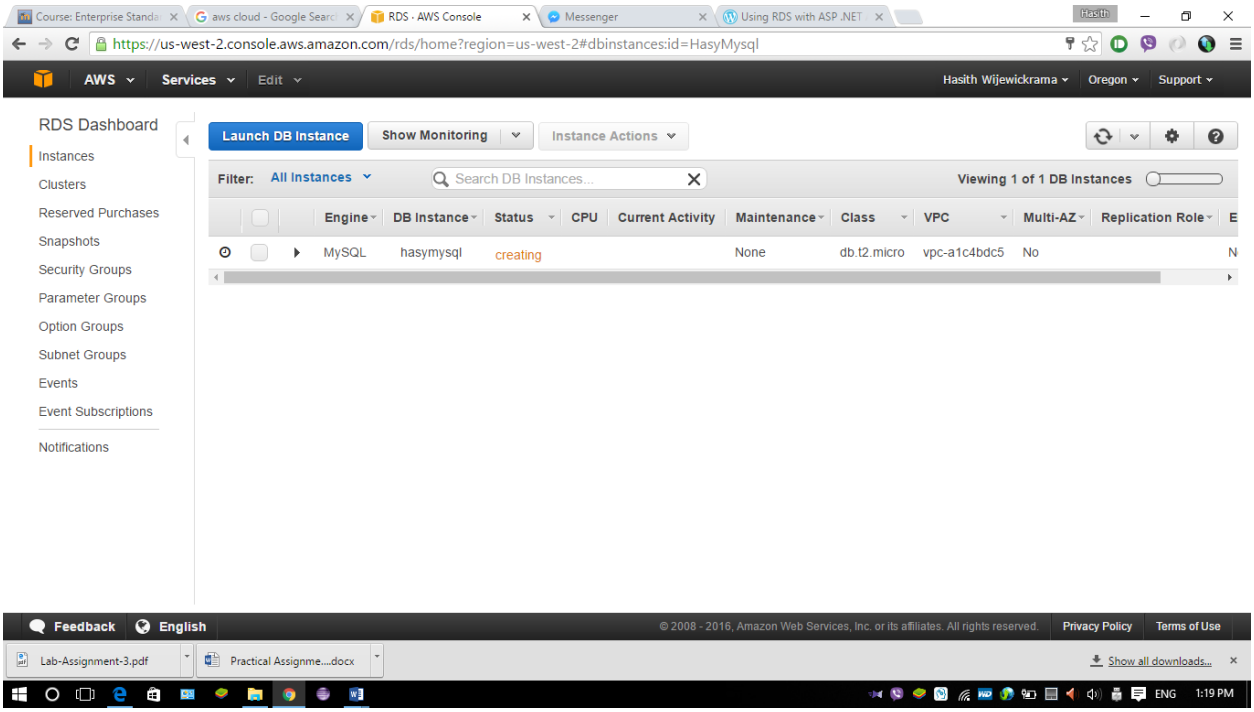
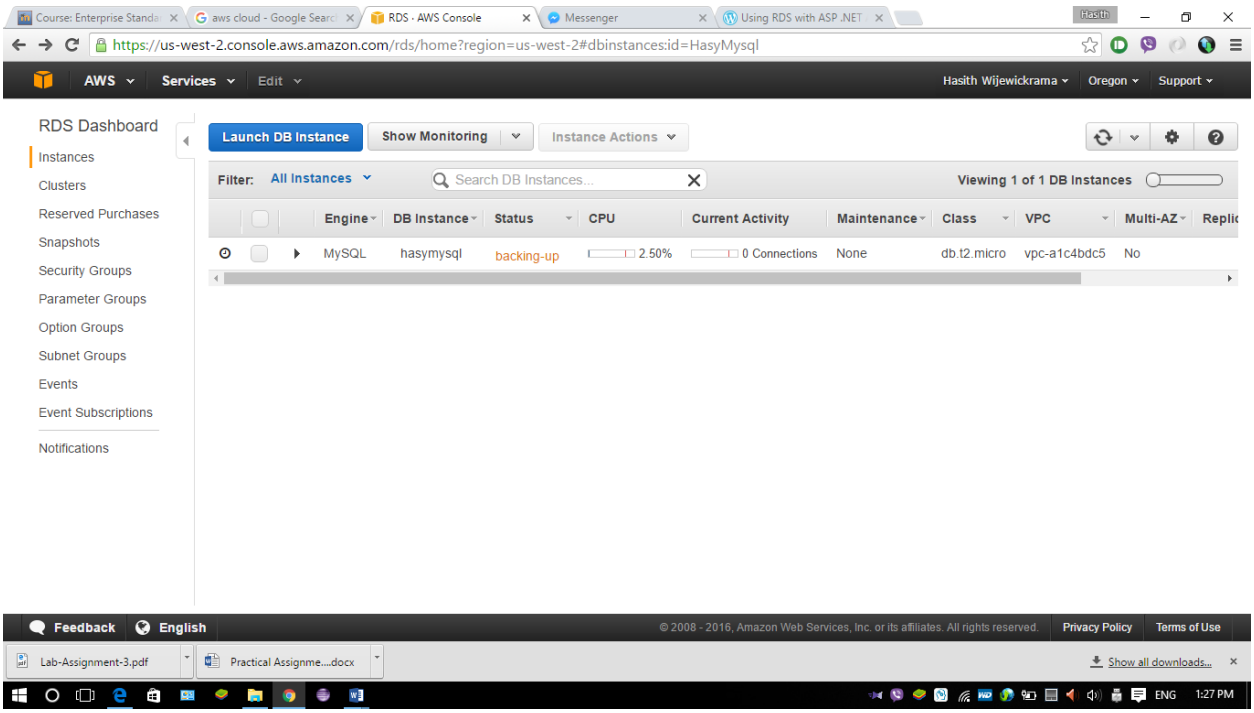
8. Now your DB instance is created in the amazon cloud.

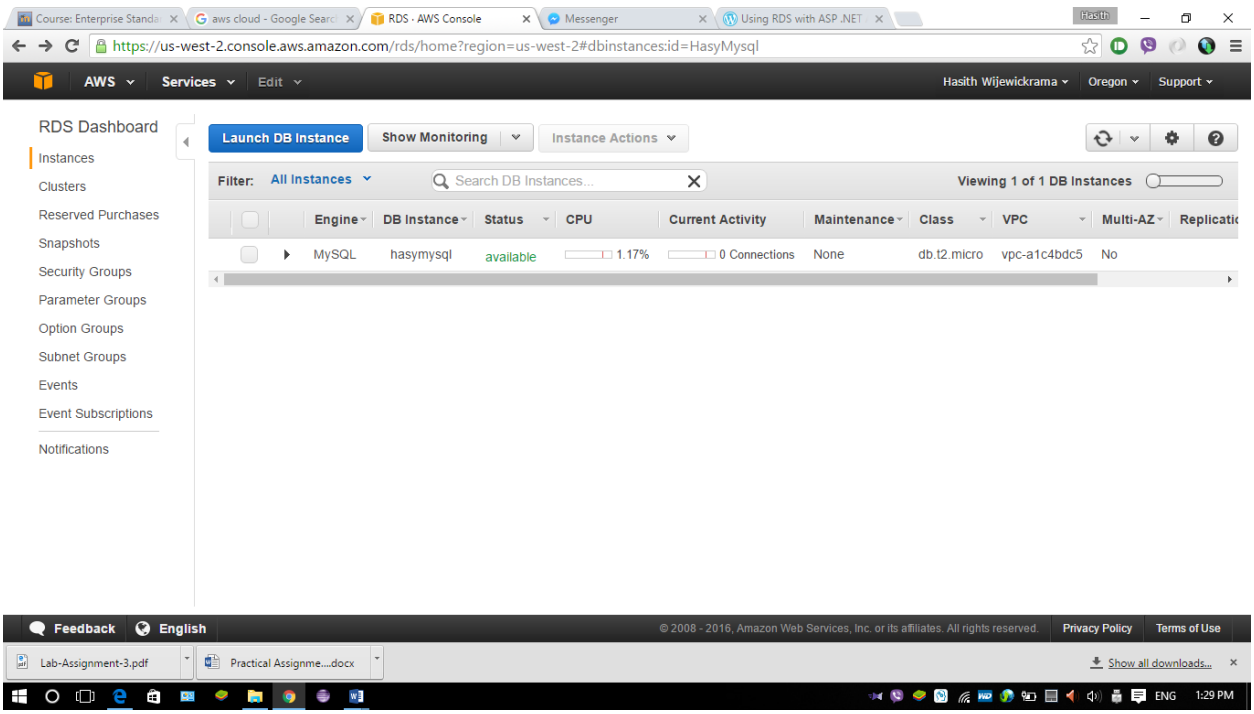


9. You can view created DB instance.

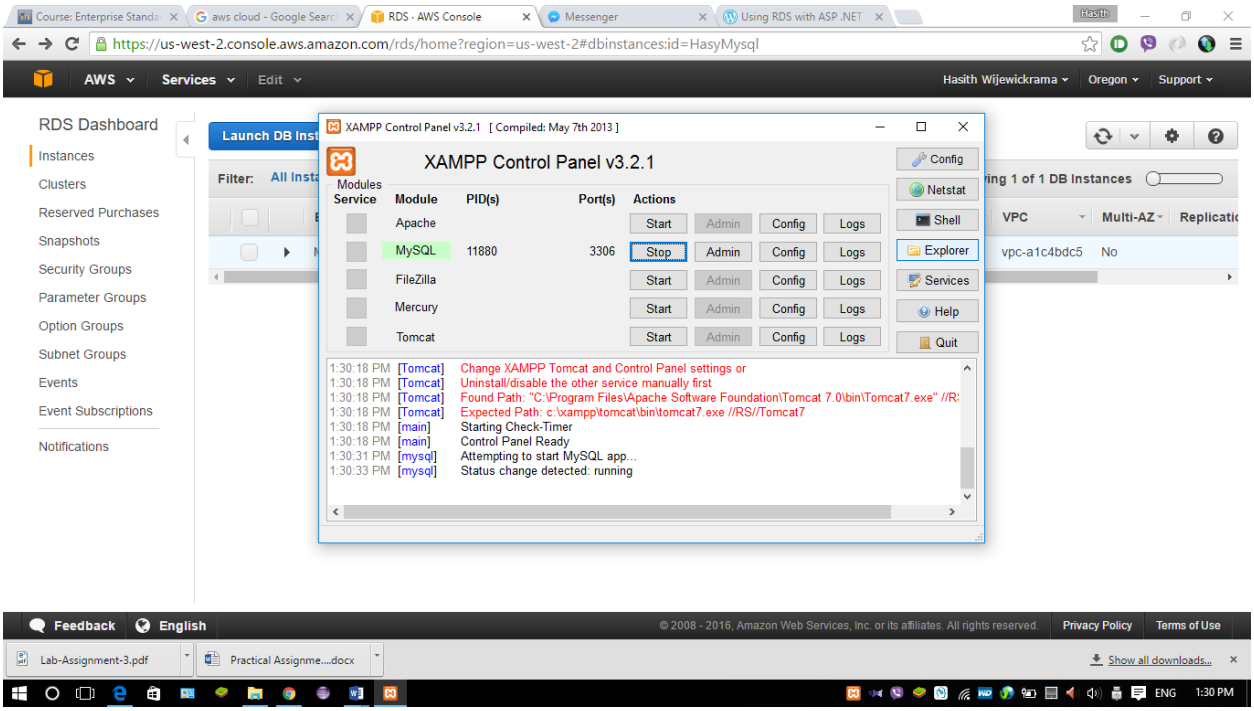


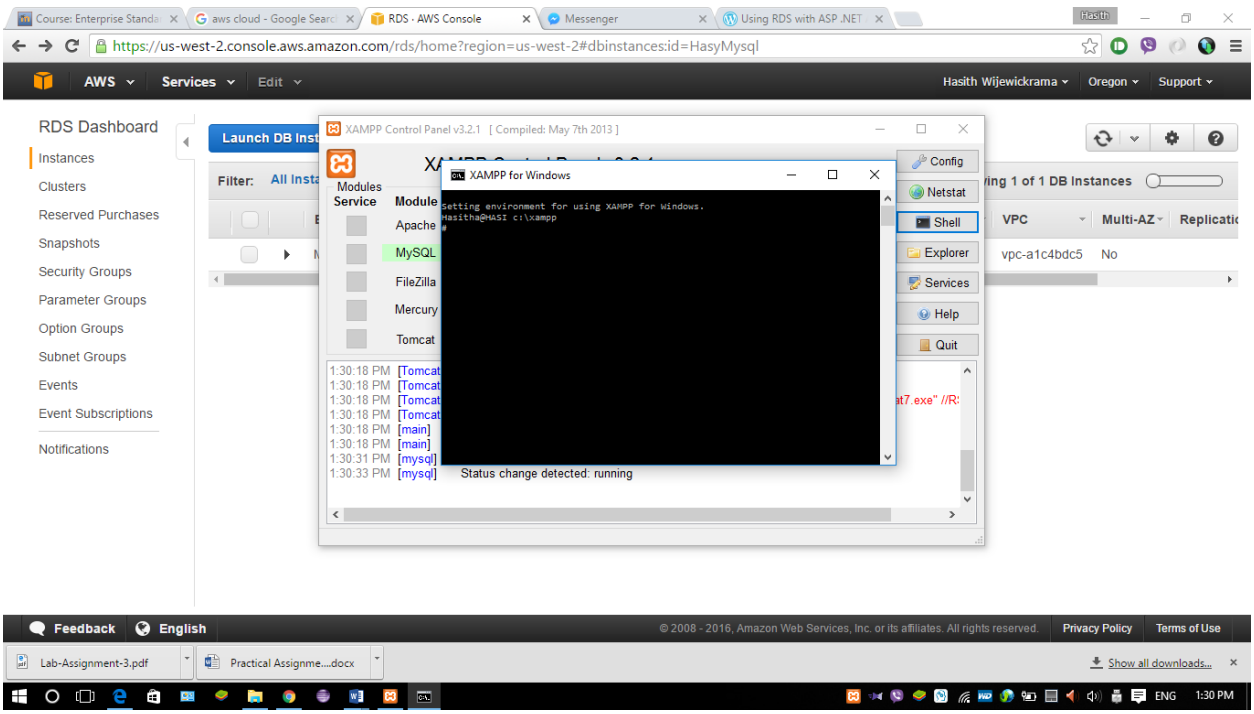


10. Now it is ready to work.

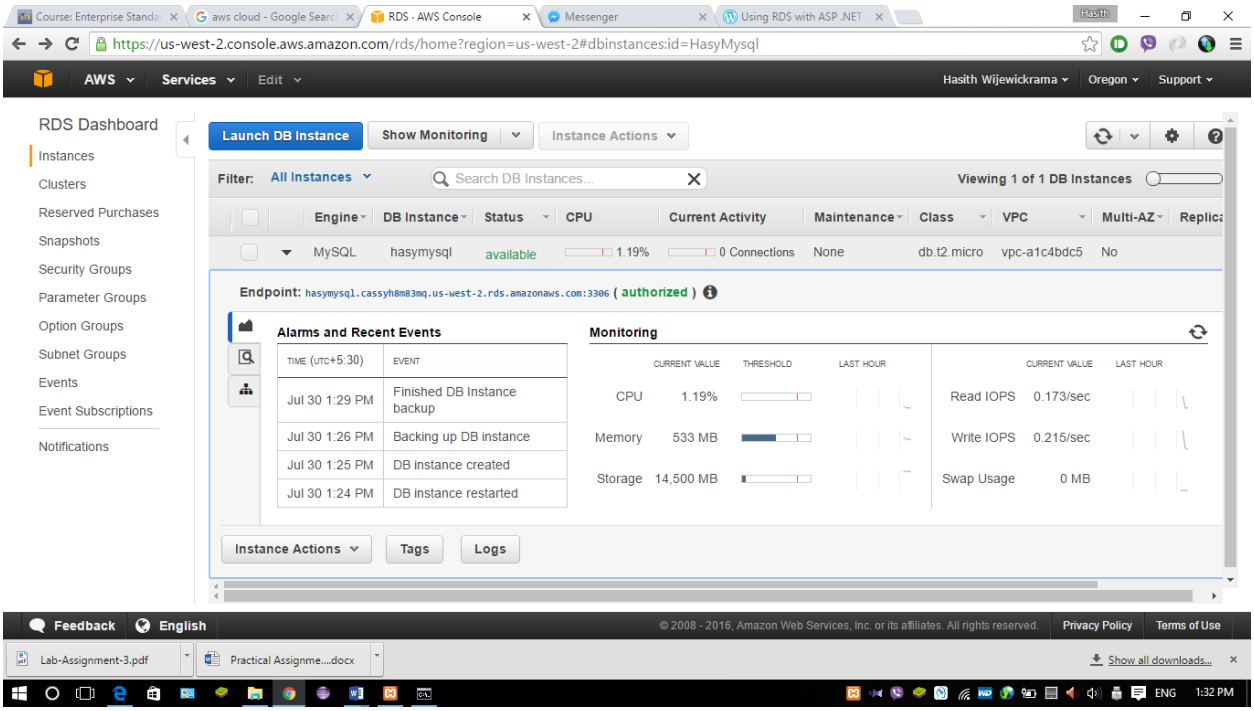


11. In order to the transactions with the DB here I am going to use XAMPP. So open the xampp and start the mysql service. Then open shell.





12. Copy down the Mqsql endpoint to connect to the DB.



13. Type the following command in the shell and enter the previously created password. Now you can successfully connect with the database using Xampp and do any transactions.