

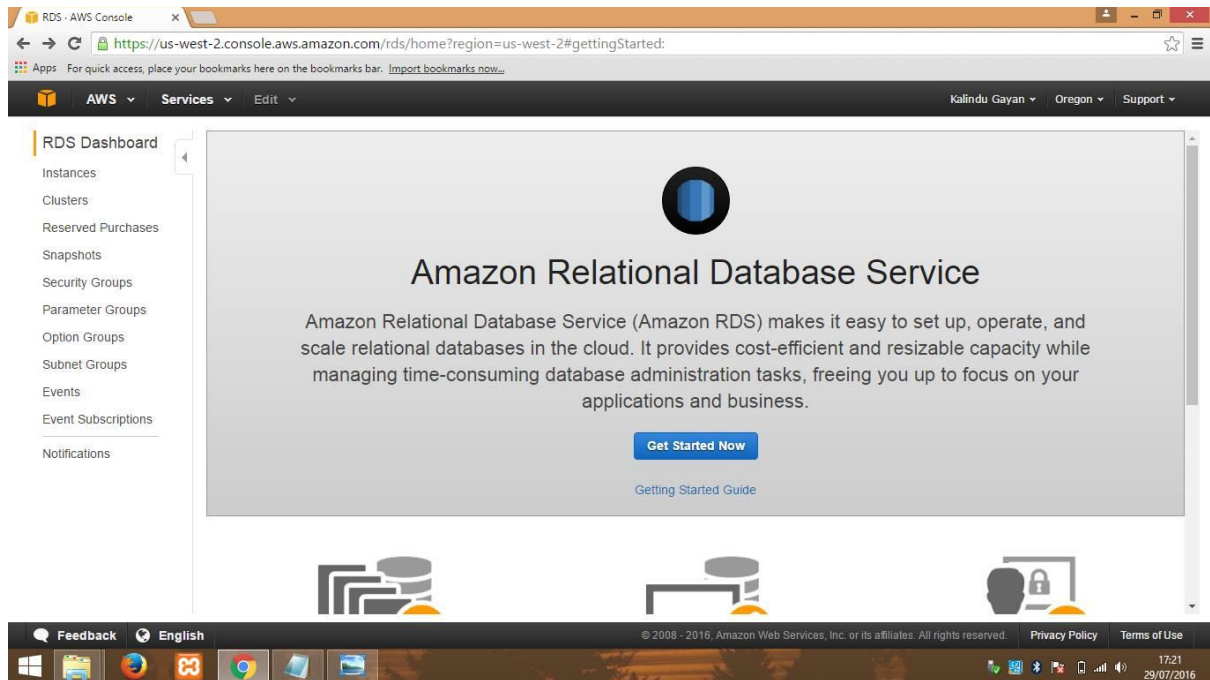


# **Installing MySQL in Cloud Amazon**

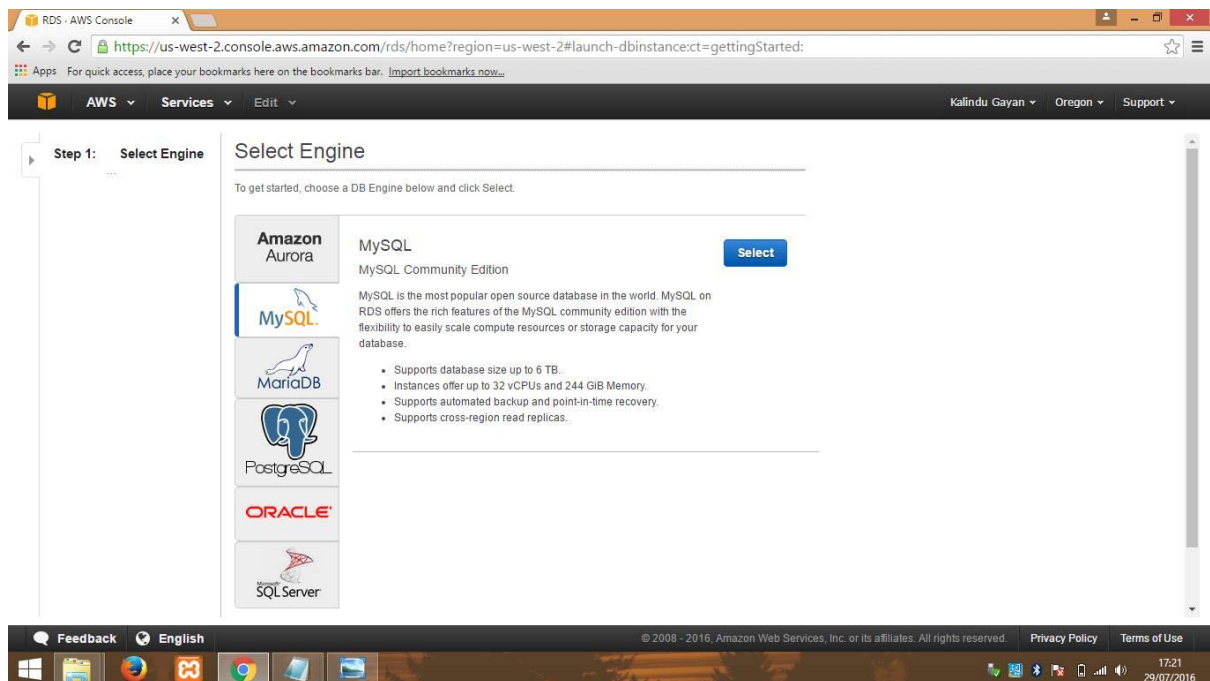
**GAYAN E.K**

**IT12138432**

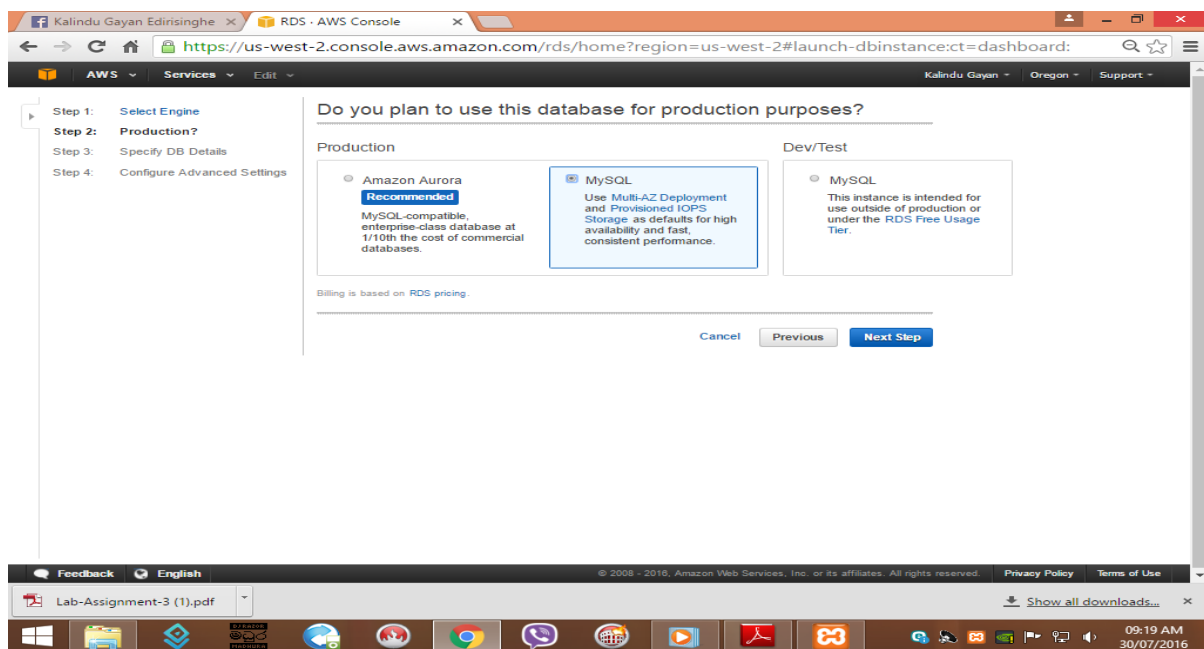
In AWS home select 'RDS' then click 'Instances'.



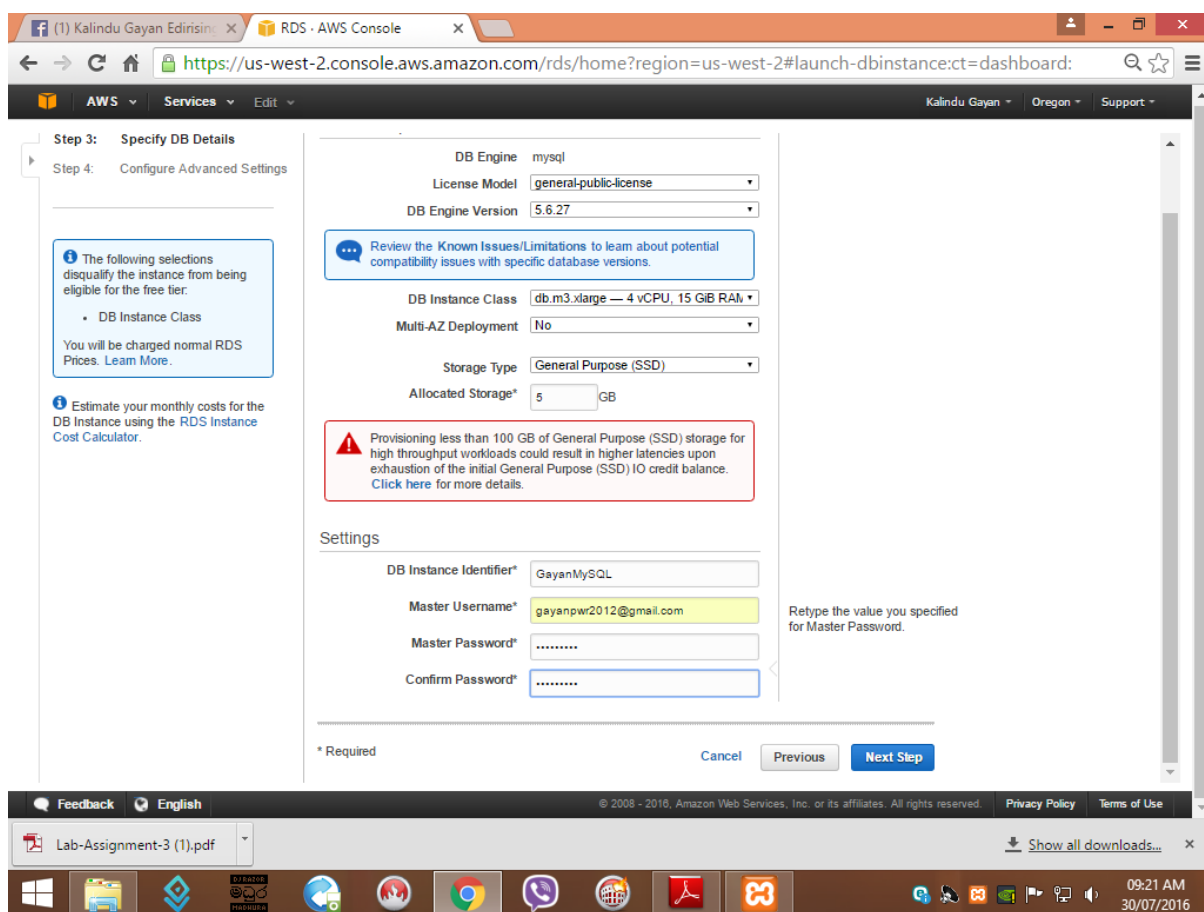
Click 'Launch DB Instance' & Select 'MySQL' and click 'Select'.



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.



Select 'No' in Enable Enhanced Monitoring.

The screenshot shows the 'Launch DB Instance' page in the AWS RDS console. The 'Database Name' field is empty. The 'Database Port' is 3306. The 'DB Parameter Group' is 'default:mysql5.6'. The 'Option Group' is 'default:mysql-5-6'. The 'Copy Tags To Snapshots' checkbox is unchecked. The 'Enable Encryption' dropdown is set to 'No'. Under the 'Backup' section, the 'Backup Retention Period' is 7 days and the 'Backup Window' is 'No Preference'. Under the 'Monitoring' section, the 'Enable Enhanced Monitoring' dropdown is set to 'No', the 'Monitoring Role' is 'Default', and the 'Granularity' is '60' seconds. Under the 'Maintenance' section, the 'Auto Minor Version Upgrade' is 'Yes' and the 'Maintenance Window' is 'No Preference'. At the bottom, there are 'Cancel', 'Previous', and 'Launch DB Instance' buttons.

Section	Field	Value
Database Settings	Database Name	
	Database Port	3306
	DB Parameter Group	default:mysql5.6
	Option Group	default:mysql-5-6
Security & Encryption	Copy Tags To Snapshots	<input type="checkbox"/>
	Enable Encryption	No
Backup	Backup Retention Period	7 days
	Backup Window	No Preference
Monitoring	Enable Enhanced Monitoring	No
	Monitoring Role	Default
	Granularity	60 second(s)
Maintenance	Auto Minor Version Upgrade	Yes
	Maintenance Window	No Preference

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

The screenshot shows the 'Instances' page in the AWS RDS console. The left sidebar contains a navigation menu with options like 'Launch DB Instance', 'Show Monitoring', and 'Instance Actions'. The main area displays a table of DB instances. The table has columns for Engine, DB Instance, Status, CPU, Current Activity, Maintenance, Class, VPC, Multi-AZ, and Rep. Two instances are listed: 'gayanmysql' (MySQL, creating) and 'gayantest' (MySQL, available). The 'gayantest' instance shows 0.42% CPU usage and 0 connections.

Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Rep
MySQL	gayanmysql	creating			None	db.t2.micro	vpc-c9d5abad	No	
MySQL	gayantest	available	0.42%	0 Connections	None	db.t2.medium	vpc-c9d5abad	No	

RDS - AWS Console

https://us-west-2.console.aws.amazon.com/rds/home?region=us-west-2#dbinstances:sf=all

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RDS Dashboard

Launch DB Instance Show Monitoring Instance Actions

Filter: All Instances Search DB Instances... Viewing 2 of 2 DB Instances

	Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Repl
<input type="checkbox"/>	MySQL	gayanmysql	backing-up			None	db.t2.micro	vpc-c9d5abad	No	
<input type="checkbox"/>	MySQL	gayantest	available	0.58%	0 Connections	None	db.t2.medium	vpc-c9d5abad	No	

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RDS - AWS Console

https://us-west-2.console.aws.amazon.com/rds/home?region=us-west-2#dbinstances:sf=all

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RDS Dashboard

Launch DB Instance Show Monitoring Instance Actions

Filter: All Instances Search DB Instances... Viewing 2 of 2 DB Instances

	Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Repl
<input type="checkbox"/>	MySQL	gayanmysql	available	2.03%	0 Connections	None	db.t2.micro	vpc-c9d5abad	No	
<input type="checkbox"/>	MySQL	gayantest	available	0.42%	0 Connections	None	db.t2.medium	vpc-c9d5abad	No	

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

