

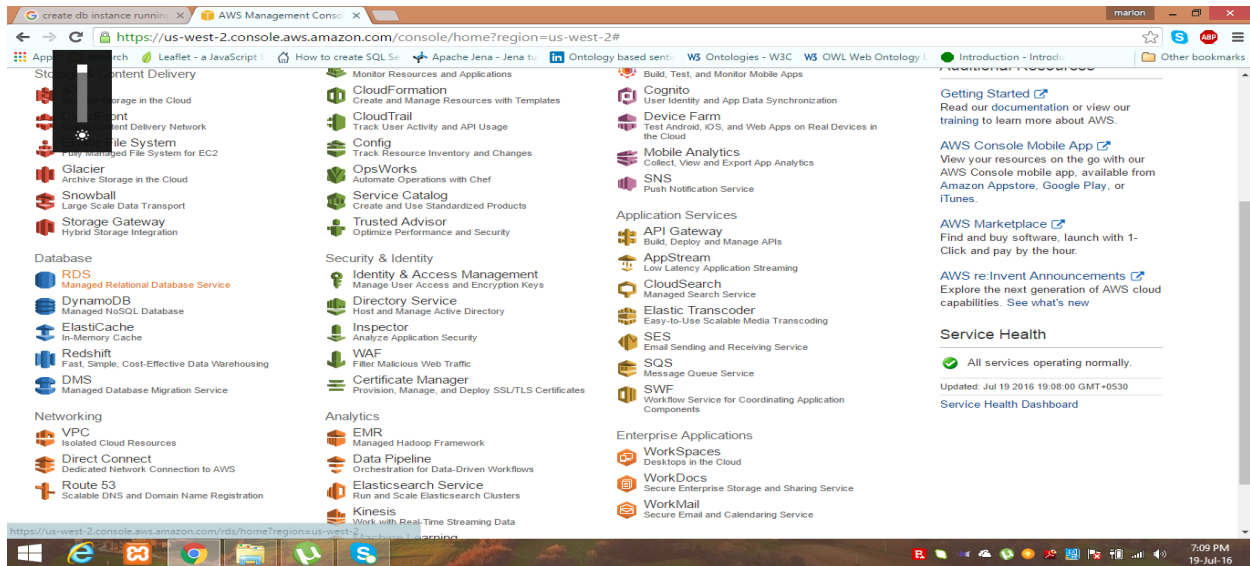
Creating DB Instance Running the MySQL database Engine

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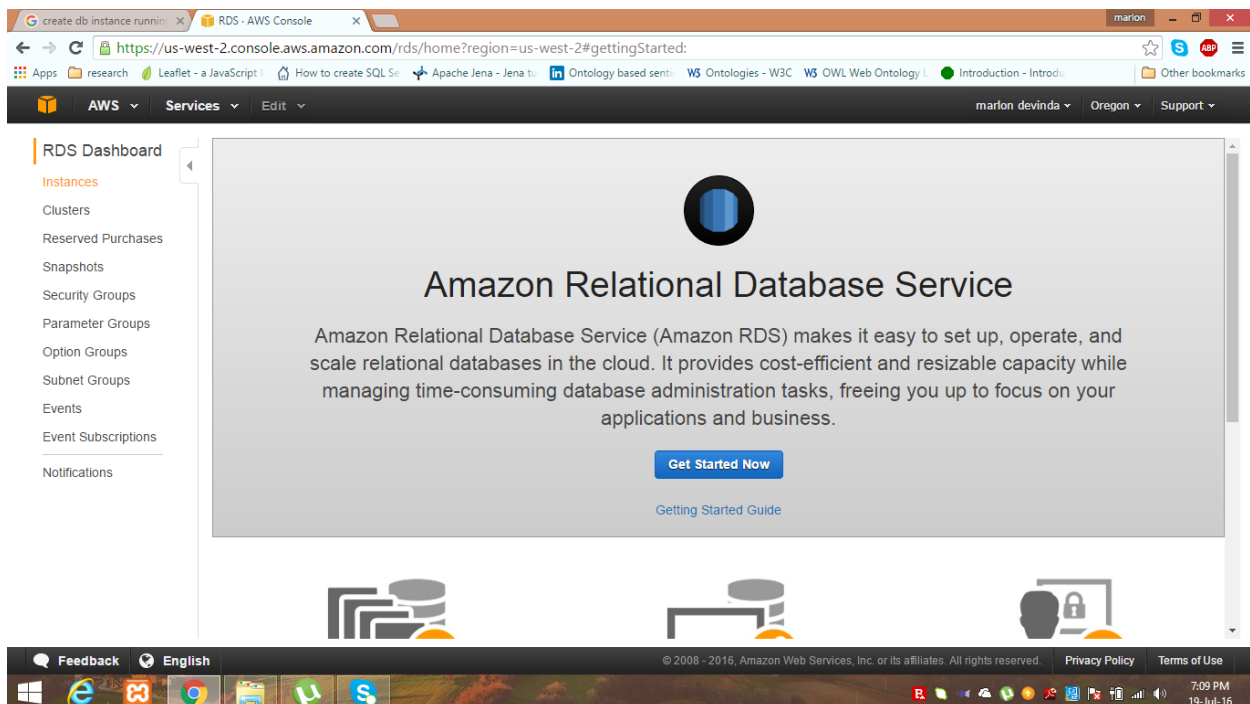
R.M.M.D Gunathilake

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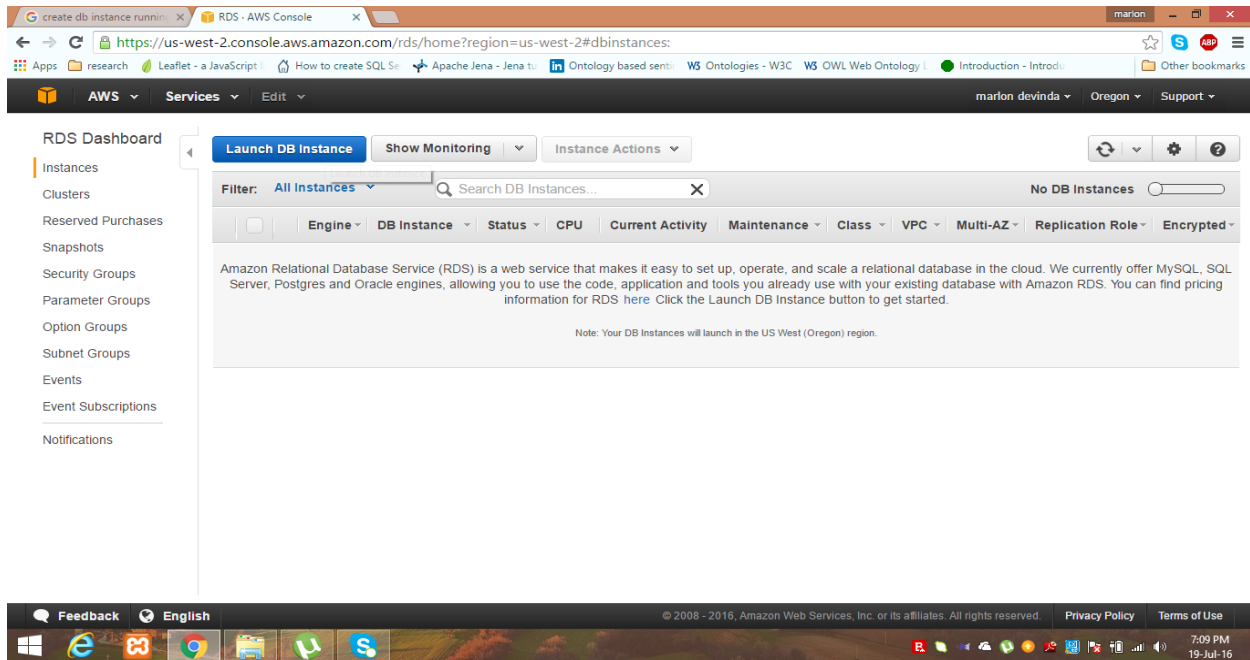
Sign in to the AWS management console and open the Amazon RDS console.



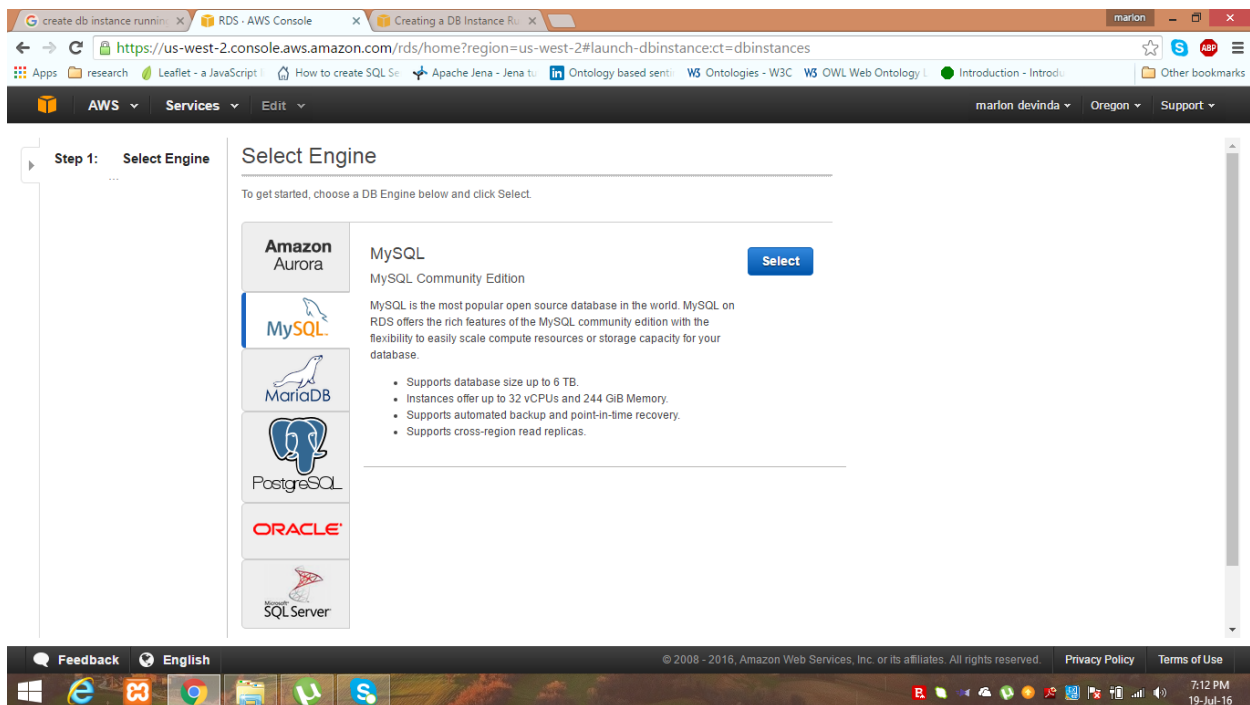
In the navigation pane, click Instances.



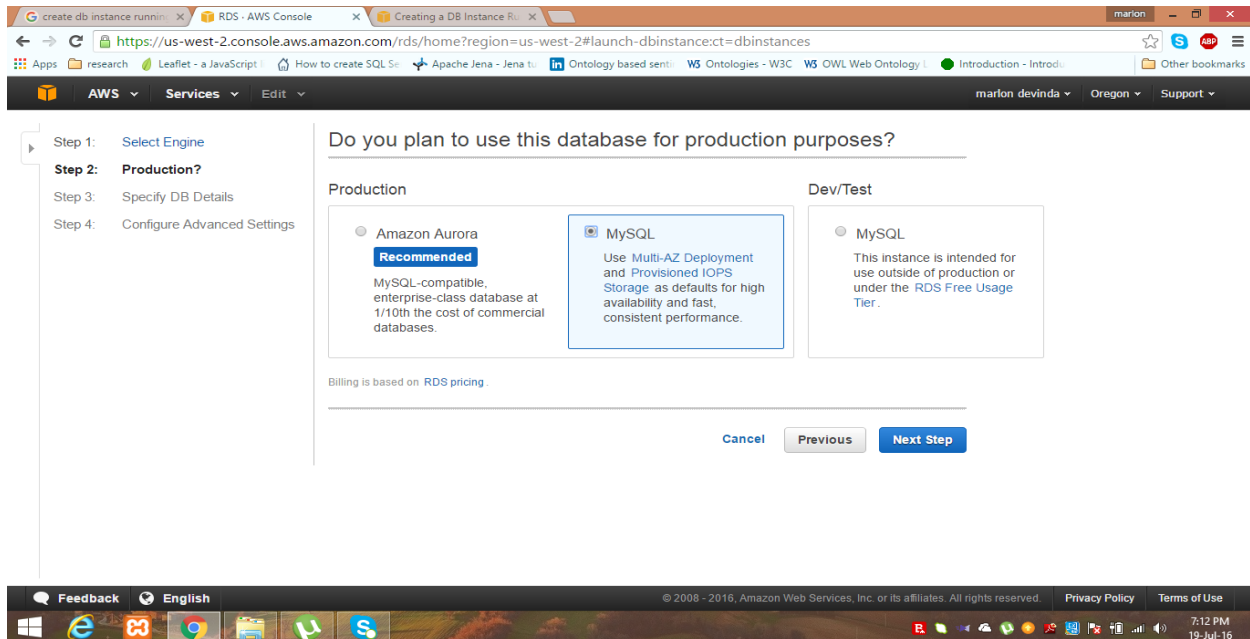
Click Launch DB Instance to the start the Launch DB Instance Wizard.



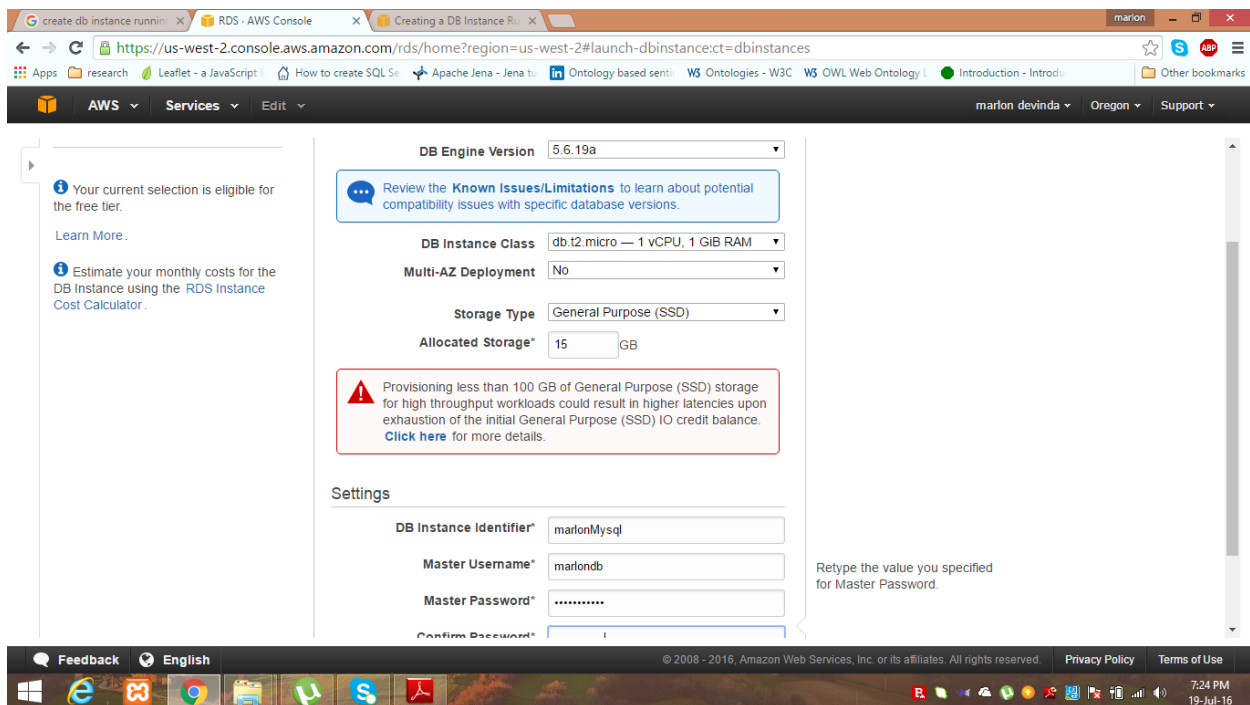
The wizard opens on the Select Engine page. Then click the select button for the MySQL DB engine.



Then select Multi-AZ and the Provision IOPS storage option will be preselected in the following step. then click next when you are finished.



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



Select 'No' in Enable Enhanced Monitoring.

Step 1: Select Engine
Step 2: Production?
Step 3: Specify DB Details
Step 4: Configure Advanced Settings

Configure Advanced Settings

Network & Security

VPC: Default VPC (vpc-4ec4bd2a)
Subnet Group: default
Publicly Accessible: Yes
Availability Zone: No Preference
VPC Security Group(s): Create new Security Group, default (VPC), launch-wizard-1 (VPC), launch-wizard-2 (VPC)

Database Options

Database Name: devindaDB
Database Port: 3306
DB Parameter Group: default.mysql5.6

Note: If no database name is specified then no initial MySQL database will be created on the DB Instance.

Select the DB option group that enables any optional functionality you want the DB instance to support, such as

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

RDS Dashboard

Instances

Launch DB Instance Show Monitoring Instance Actions

Filter: All Instances Search DB Instances... Viewing 1 of 1 DB Instances

	Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Replication Role
MySQL	marlonmysql	creating			None		db.t2.micro	vpc-4ec4bd2a	No	

create db instance running | RDS - AWS Console | marion

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

AWS Services Edit marion devinda Oregon Support

RDS Dashboard

- Instances
- Clusters
- Reserved Purchases
- Snapshots
- Security Groups
- Parameter Groups
- Option Groups
- Subnet Groups
- Events
- Event Subscriptions
- Notifications

Launch DB Instance Show Monitoring Instance Actions

Filter: All Instances Search DB Instances... Viewing 1 of 1 DB Instances

Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Replication Role
MySQL	marionmysql	backing-up			None	db.t2.micro	vpc-4ec4bd2a	No	

Endpoint: marionmysql.cfzextk9spoi.us-west-2.rds.amazonaws.com:3306 (authorized)

Alarms and Recent Events

TIME (UTC+5:30)	EVENT
No Recent Events	

Monitoring

	CURRENT VALUE	THRESHOLD	LAST HOUR		CURRENT VALUE	LAST HOUR
CPU	No Data			Read IOPS	No Data	
Memory	635 MB			Write IOPS	No Data	
Storage	14,700 MB			Swap Usage	0 MB	

Instance Actions Tags Logs

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Finally status become as 'Available'.

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

AWS Services Edit marion devinda Oregon Support

RDS Dashboard

- Instances
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Launch DB Instance Show Monitoring Instance Actions

Filter: All Instances Search DB Instances... Viewing 1 of 1 DB Instances

Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Replication Role
MySQL	marionmysql	available	2.79%	0 Connections	None	db.t2.micro	vpc-4ec4bd2a	No	

Endpoint: marionmysql.cfzextk9spoi.us-west-2.rds.amazonaws.com:3306 (authorized)

Alarms and Recent Events

TIME (UTC+5:30)	EVENT
Jul 19 7:47 PM	Backing up DB instance
Jul 19 7:46 PM	DB instance created
Jul 19 7:46 PM	DB instance restarted

Monitoring

	CURRENT VALUE	THRESHOLD	LAST HOUR		CURRENT VALUE	LAST HOUR
CPU	2.79%			Read IOPS	0/sec	
Memory	558 MB			Write IOPS	1.48/sec	
Storage	14,500 MB			Swap Usage	0 MB	

Instance Actions Tags Logs

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Open xampp enable MySQL then select 'shell' and type as `mysql -h end instance -P 3306 -u marlonDB -p` and provide password previously you provided

The screenshot shows the AWS RDS console with the 'Launch DB Instance' window open. The 'Endpoint' field is populated with 'marlonmysql.cfzemtk9spoi.us-west-2.rds.amazonaws.com'. The 'Instance Actions' dropdown is open, showing 'Launch DB Instance', 'Show Monitoring', and 'Instance Actions'. The 'MySQL' instance 'marlonmysql' is listed with status 'available'.

The screenshot shows the AWS RDS console with the 'MySQL' instance 'marlonmysql' listed. The 'Endpoint' field is populated with 'marlonmysql.cfzemtk9spoi.us-west-2.rds.amazonaws.com'. The 'Instance Actions' dropdown is open, showing 'Launch DB Instance', 'Show Monitoring', and 'Instance Actions'. The 'MySQL' instance 'marlonmysql' is listed with status 'available'.