

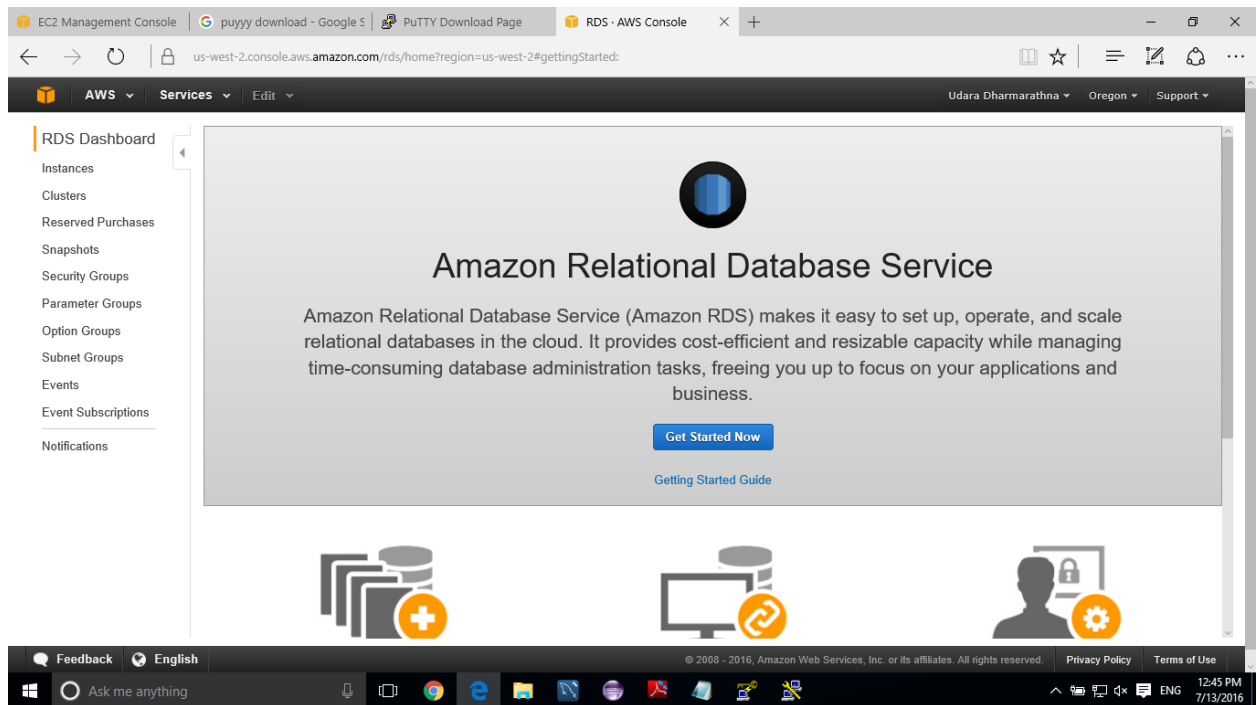


Configuring MySQL Instance on AWS

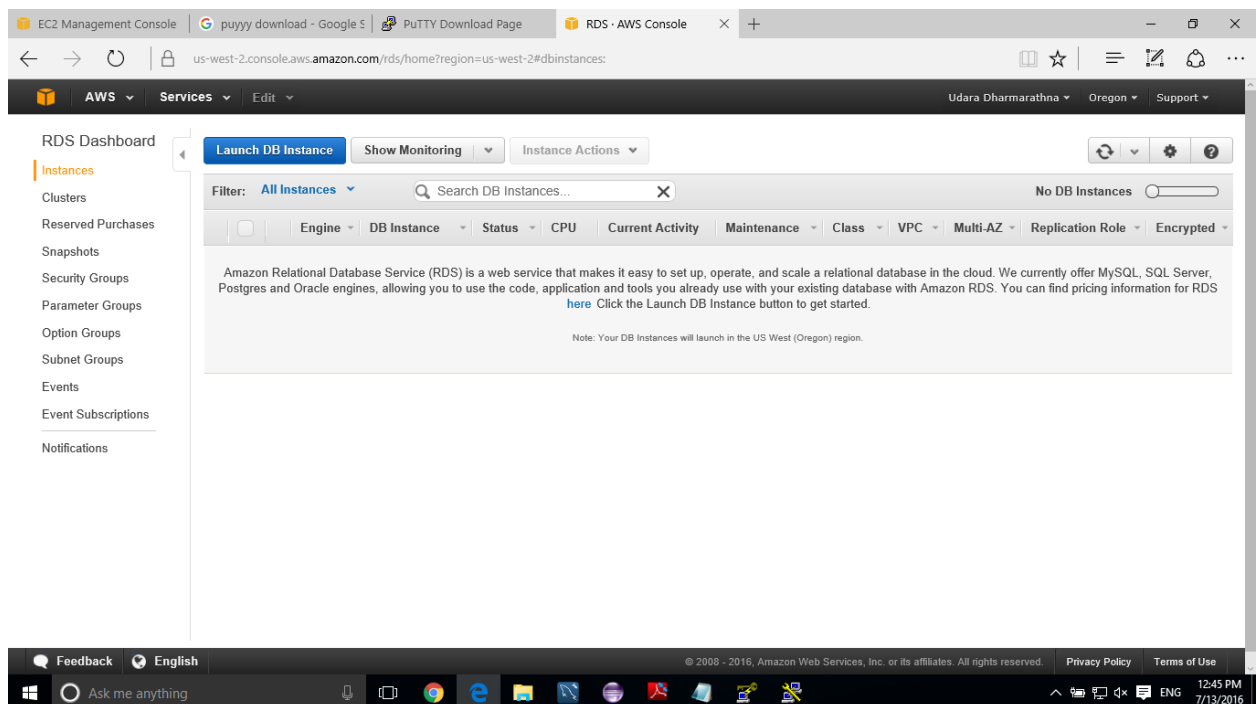
Dharmarathna I.D.U.T.

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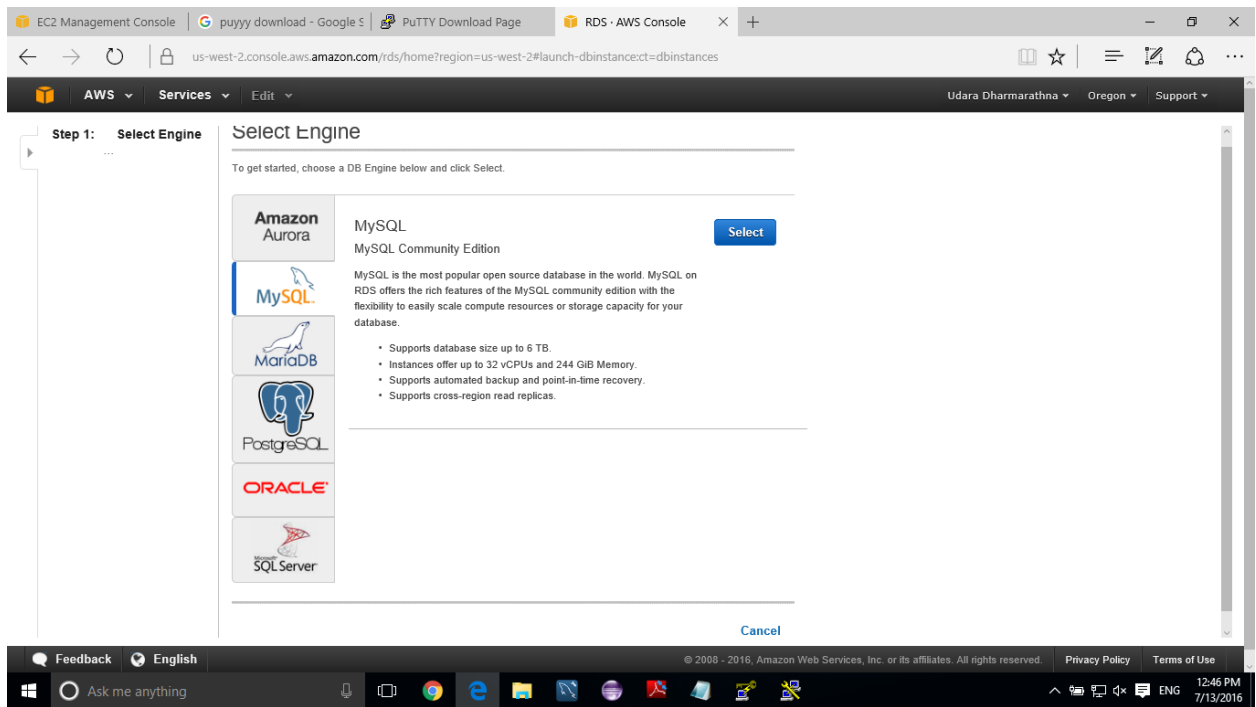
- Select RDS in AWS home and click “Instances”.



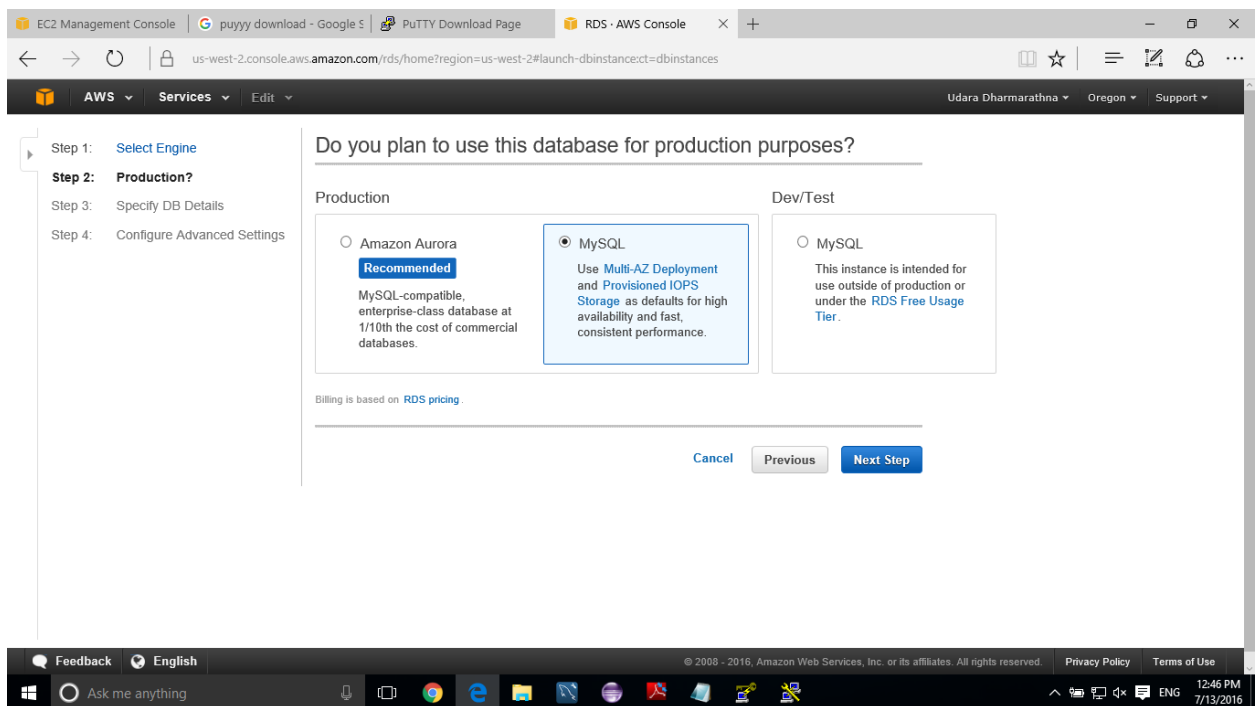
- Then click “Launch DB Instance”.



➤ In here select MySQL.



➤ In production, select MySQL and click “Next Step”.



- In here, select DB Engine Version as “5.6.19a” and DB Instance Class as “db.t2.micro-1 vCPU. 1 GIB RAM” and change Allocated Storage to 15GB, then provide DB Instance Identifier, Master Username, Master Password and click “Next Step”.

The screenshot shows the AWS RDS console in the 'Configure Advanced Settings' step. The left sidebar indicates the current selection is eligible for the free tier and provides a link to the RDS Instance Cost Calculator. The main configuration area includes the following settings:

- DB Engine: mysql
- 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

A warning message states: "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." Below this, the 'Settings' section includes:

- DB Instance Identifier*: ESBPIILAB2
- Master Username*: udara
- Master Password*: (masked with dots)

A note on the right side says: "Retype the value you specified for Master Password." The bottom of the console shows the AWS footer with copyright information and links to Privacy Policy and Terms of Use.

- In here, provide Database name and Enable Enhance Monitoring to “No”. then click “Launch DB Instance”.

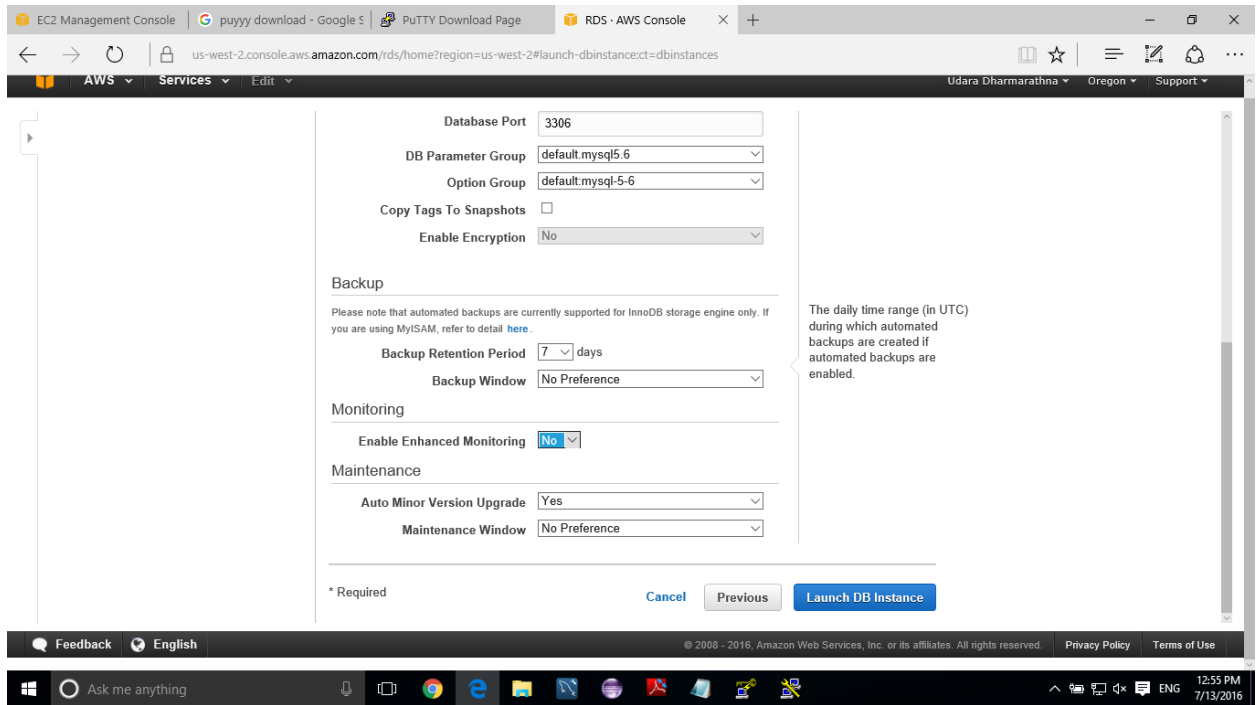
The screenshot shows the AWS RDS console in the 'Network & Security' and 'Database Options' sections. The left sidebar shows the progression through steps: Step 2: Production /, Step 3: Specify DB Details, and Step 4: Configure Advanced Settings. The 'Network & Security' section includes:

- VPC*: Default VPC (vpc-197f017d)
- Subnet Group: default
- Publicly Accessible: Yes
- Availability Zone: No Preference
- VPC Security Group(s): default (VPC), launch-wizard-1 (VPC), launch-wizard-2 (VPC)

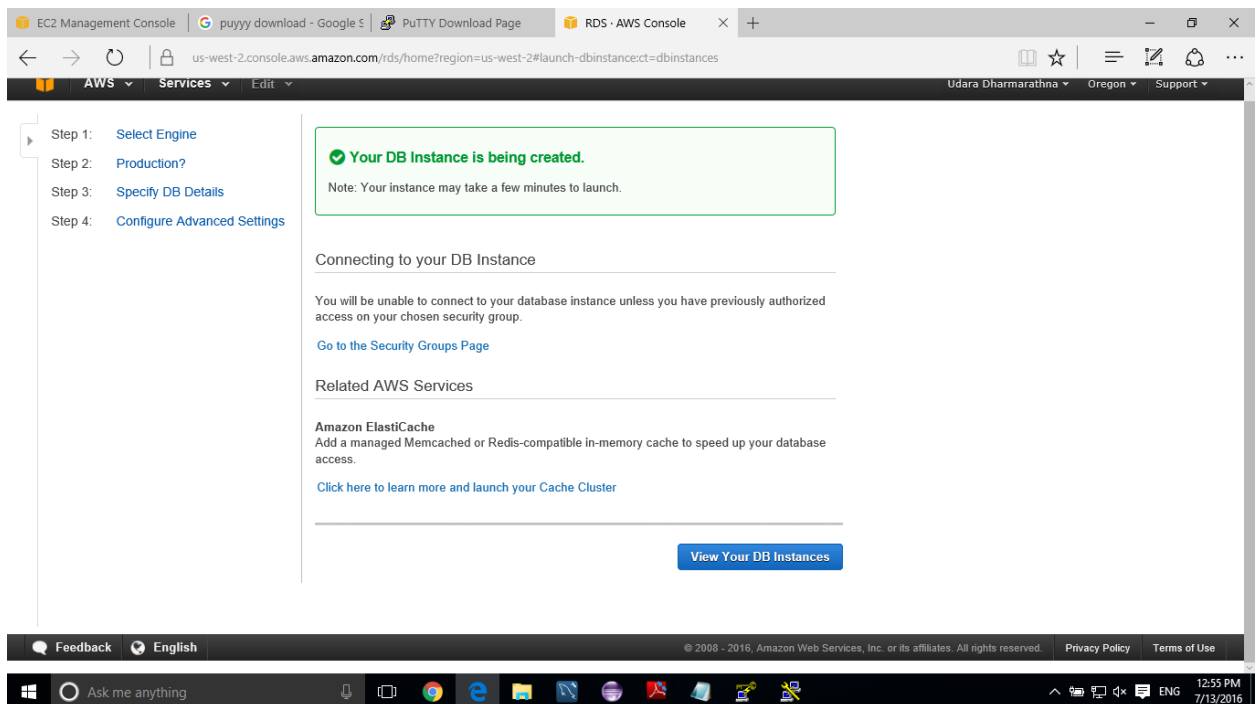
The 'Database Options' section includes:

- Database Name: ESBPIILab2
- Database Port: 3306
- DB Parameter Group: default.mysql5.6
- Option Group: default.mysql-5-6
- Copy Tags To Snapshots: ☐
- Enable Encryption: No

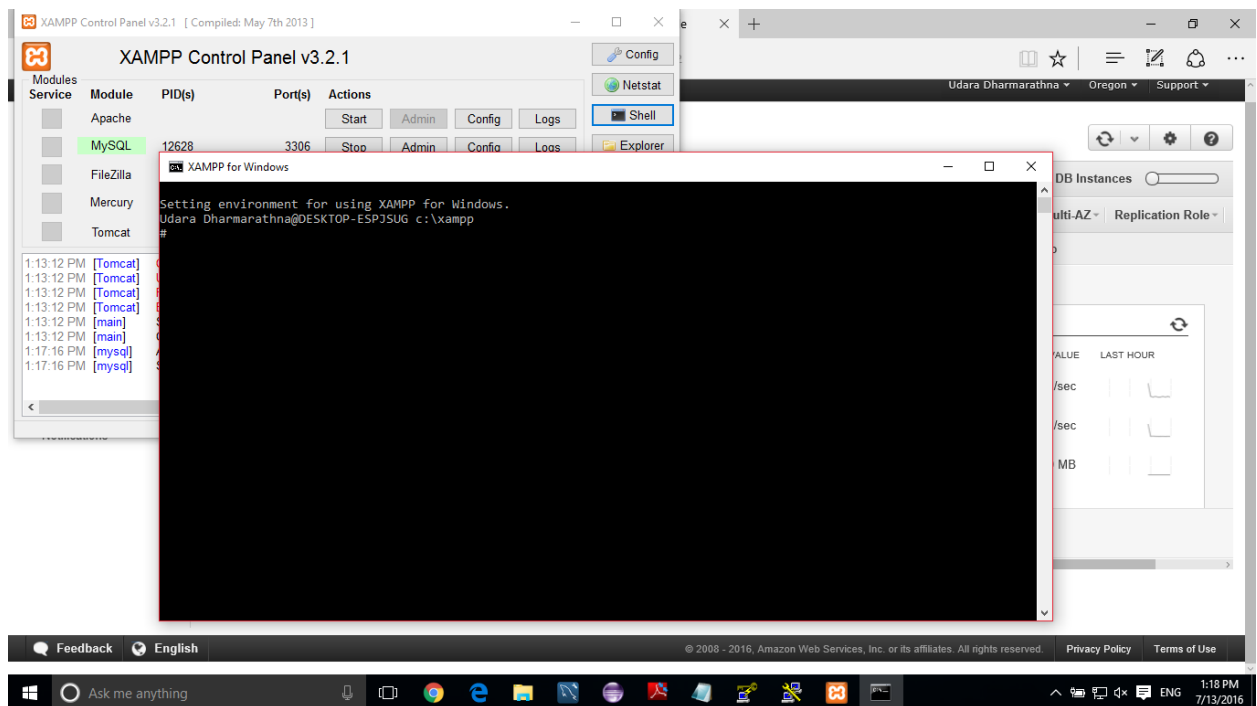
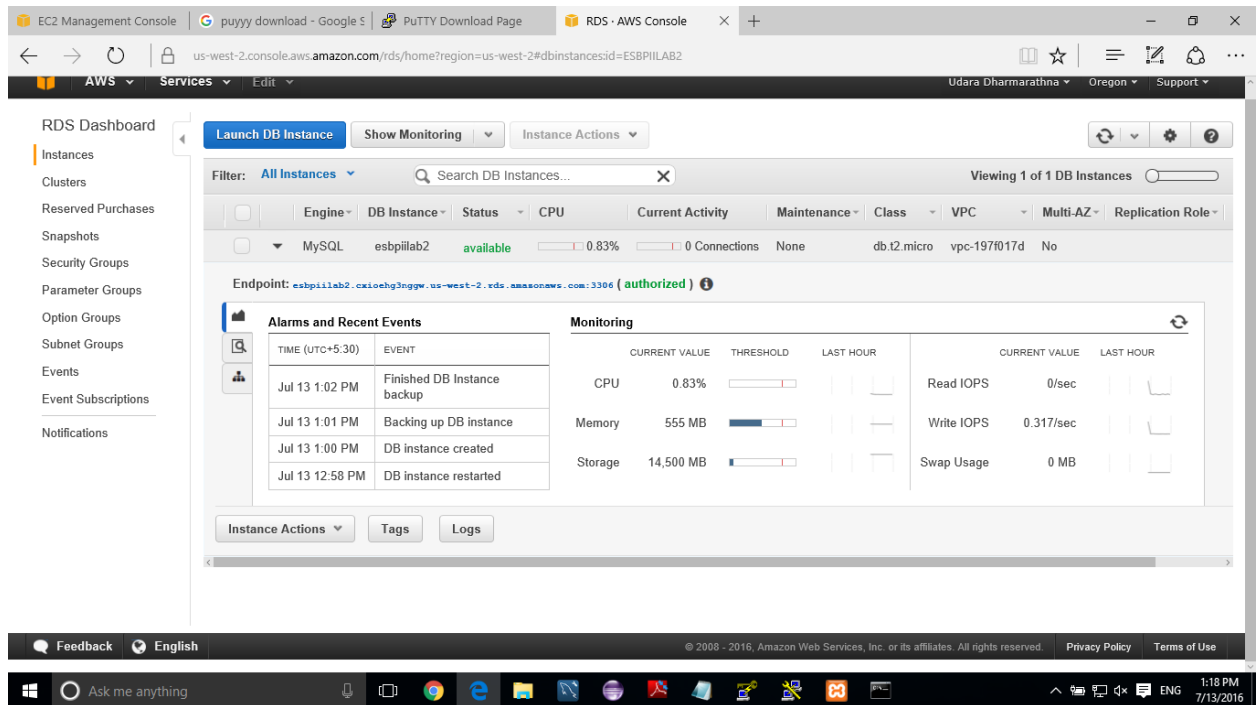
A note states: "Note: if no database name is specified then no initial MySQL database will be created on the DB Instance." The bottom of the console shows the AWS footer with copyright information and links to Privacy Policy and Terms of Use.

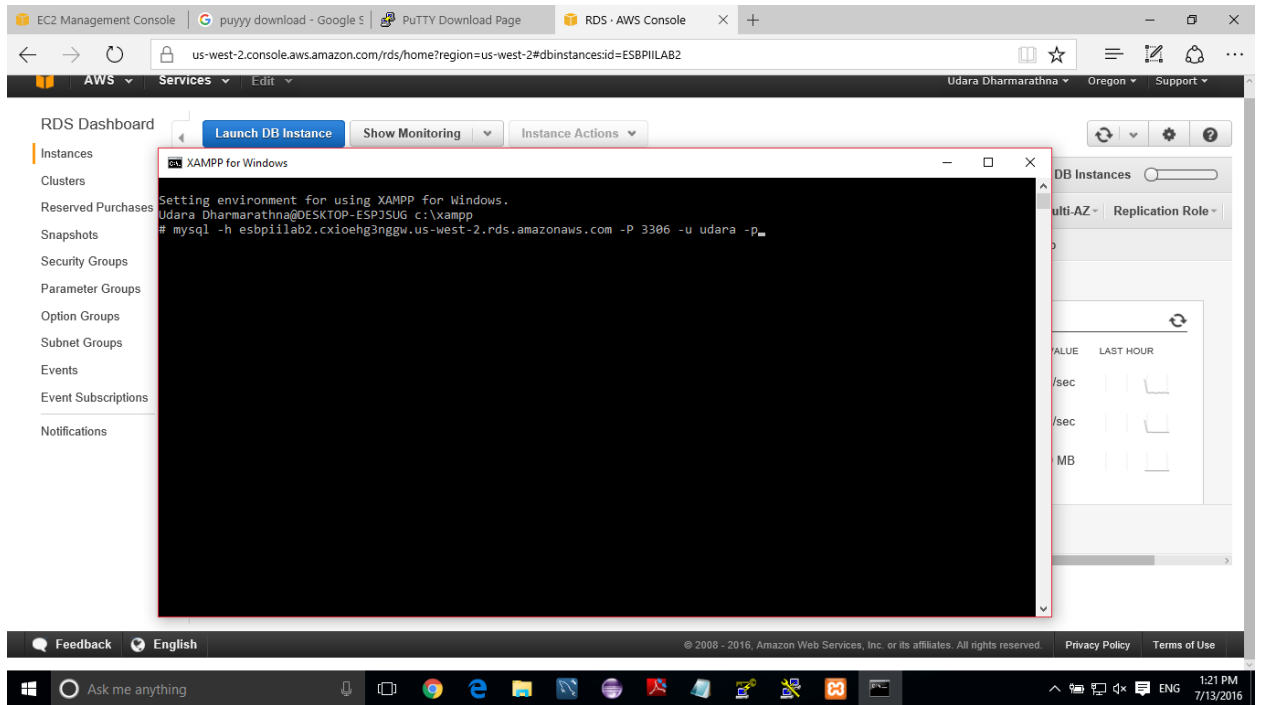


➤ Click “View Your DB Instance”.

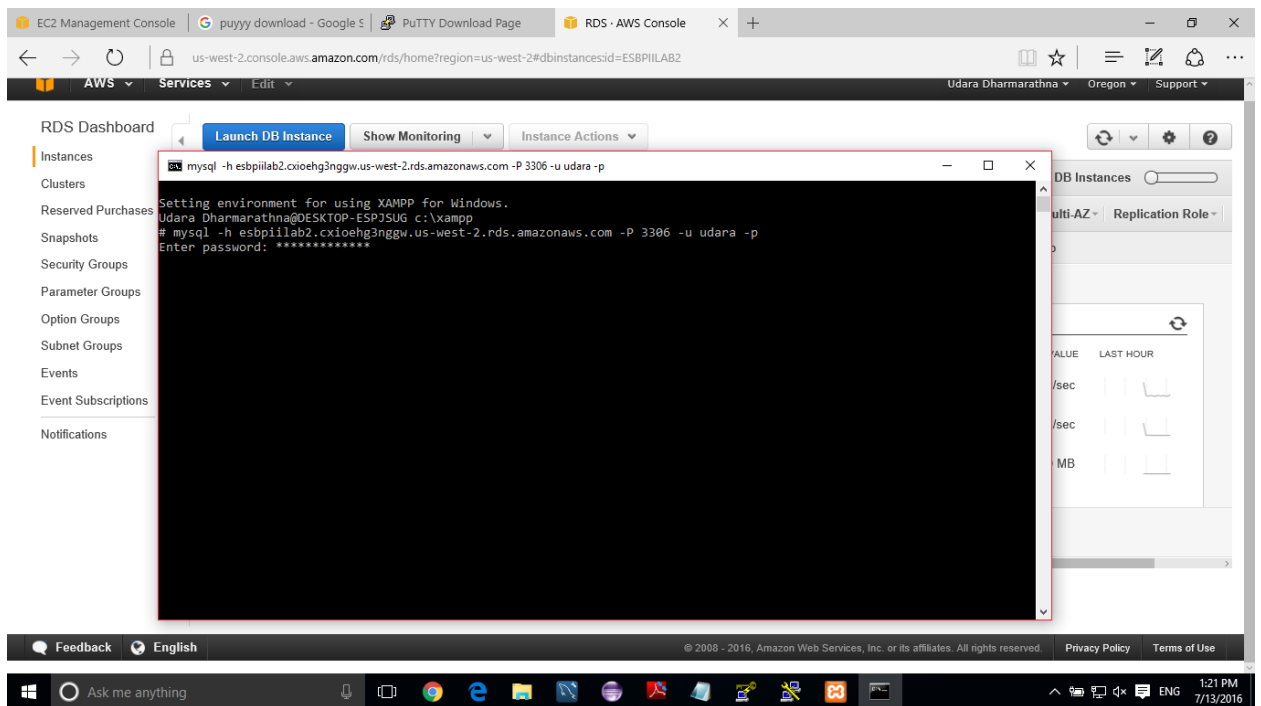


- In here, copy the Endpoint to clipboard and open XAMPP then start MySQL and then open Shell, then type `mysql -h` and past Endpoint to Shell. And also provide Username and click Enter.





➤ Then Provide Password.



- You can see, MySQL Instance has created.

