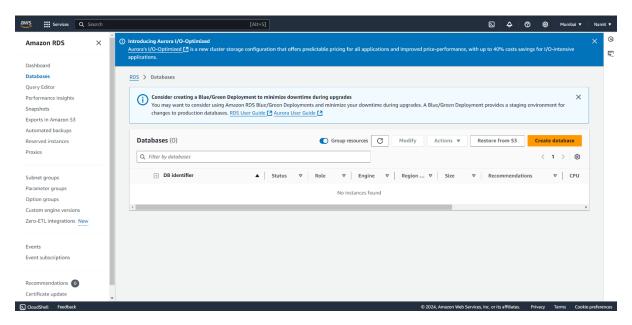


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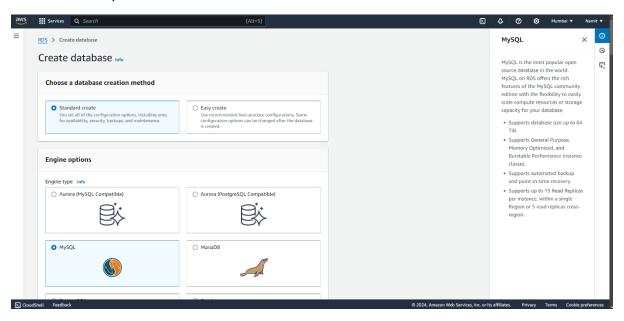
Name of the Student: Namit Agarwal PRN: 20220801019

Title of Practical: Encrypt an Unencrypted RDS DB Instance

Create Amazon RDS Database



Select MySQL



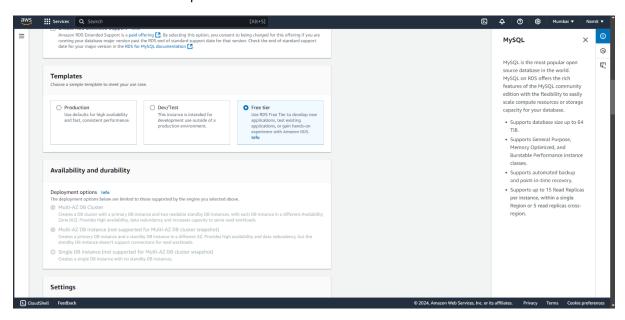


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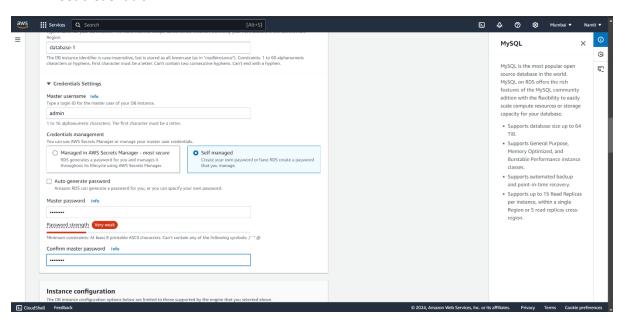
Name of the Student: Namit Agarwal PRN: 20220801019

Title of Practical: Encrypt an Unencrypted RDS DB Instance

• Select free tier in templates



Set credentials



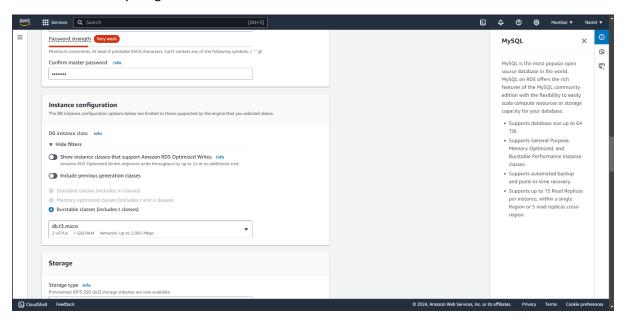


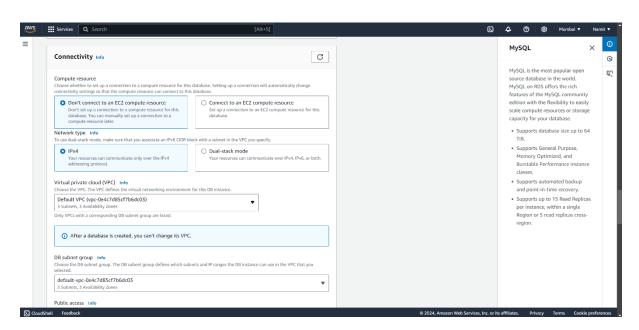
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Title of Practical: Encrypt an Unencrypted RDS DB Instance

• Leave everything else default





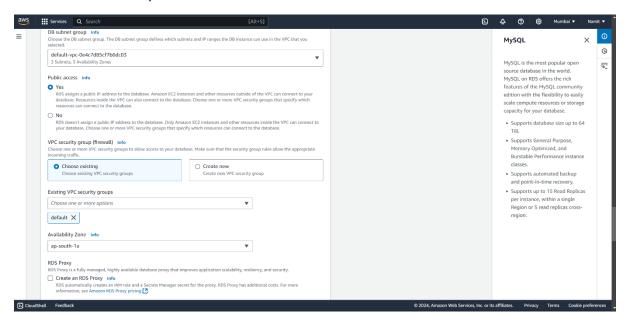


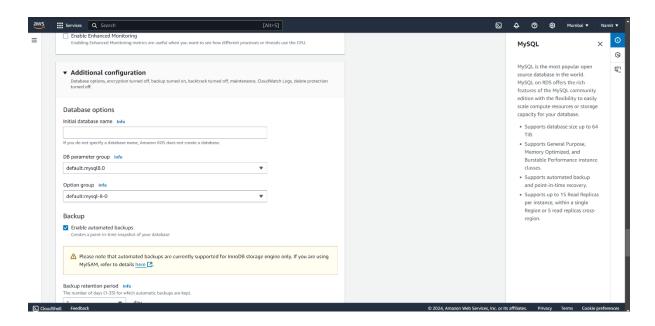
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Name of the Student: Namit Agarwal PRN: 20220801019

Title of Practical: Encrypt an Unencrypted RDS DB Instance

Public access- yes





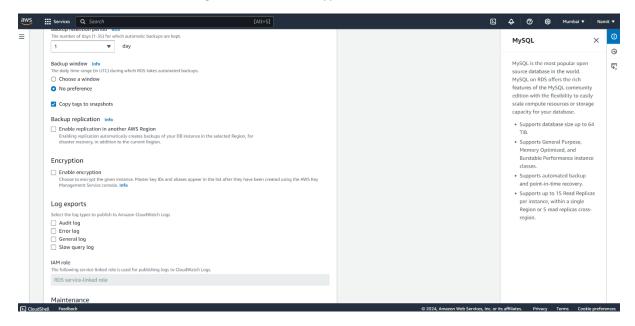


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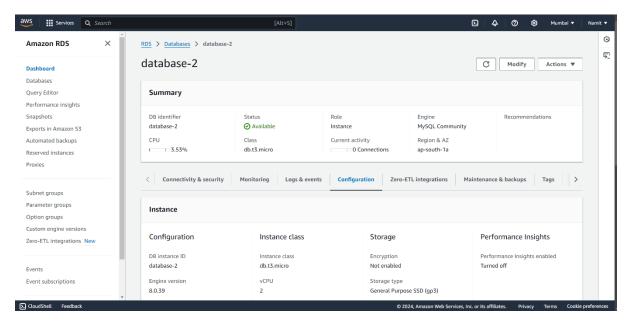
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Title of Practical: Encrypt an Unencrypted RDS DB Instance

• Under additional settings uncheck the encryption



Create DB



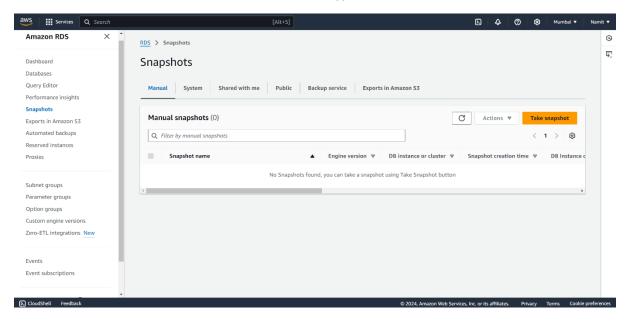


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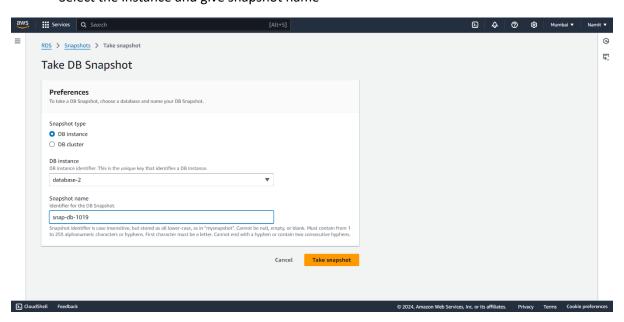
Name of the Student: Namit Agarwal PRN: 20220801019

Title of Practical: Encrypt an Unencrypted RDS DB Instance

• After that we'll take a snaoshot of this unencrypted db instance



• Select the instance and give snapshot name



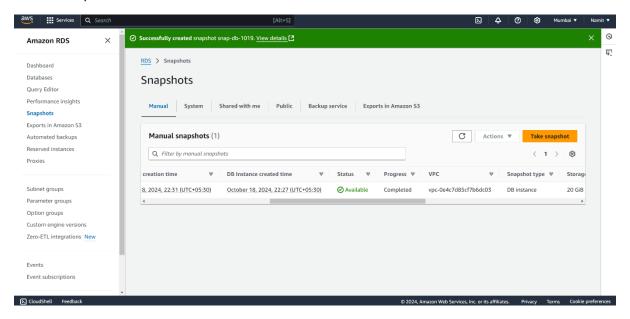


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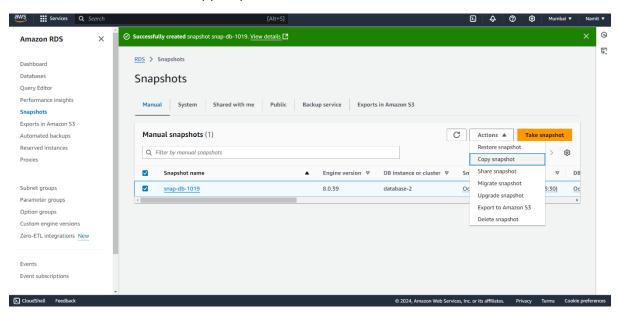
Name of the Student: Namit Agarwal PRN: 20220801019

Title of Practical: Encrypt an Unencrypted RDS DB Instance

Snapshot created



Now from actions we copy snapshot



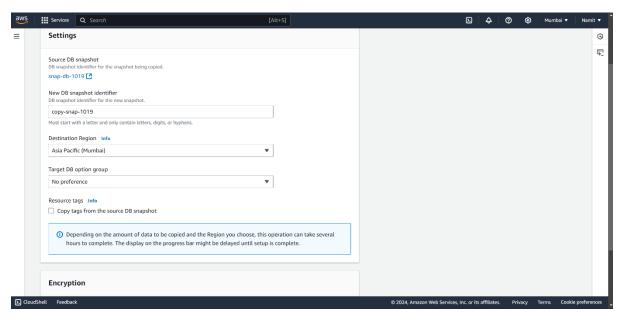


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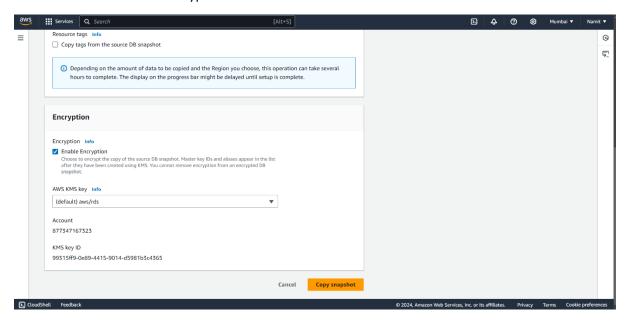
Name of the Student: Namit Agarwal PRN: 20220801019

Title of Practical: Encrypt an Unencrypted RDS DB Instance

Select region u want to restore it in



• Here we enable encryption



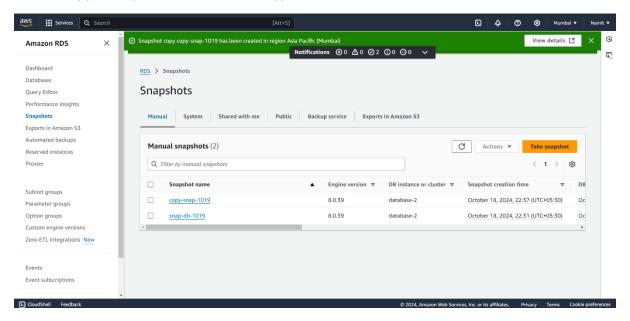


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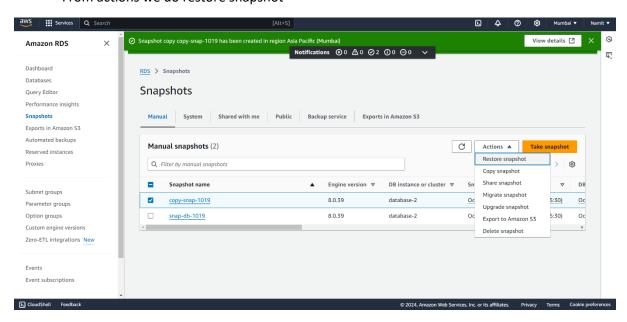
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Title of Practical: Encrypt an Unencrypted RDS DB Instance

Copy of snapshot created with encryption enabled



• From actions we do restore snapshot



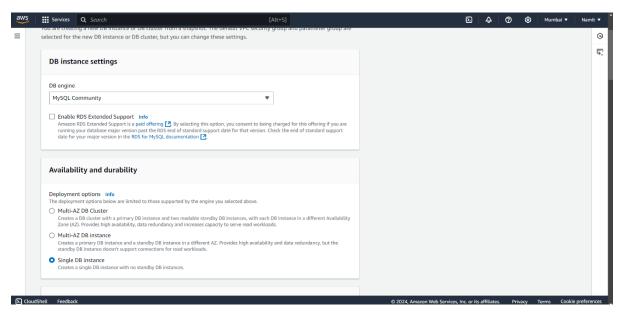


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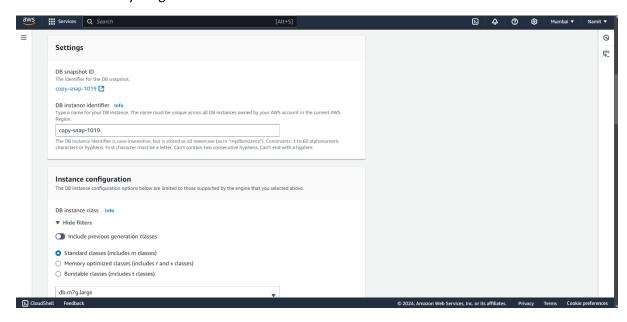
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Title of Practical: Encrypt an Unencrypted RDS DB Instance

• Single DB instance



· Leave everything else as it is

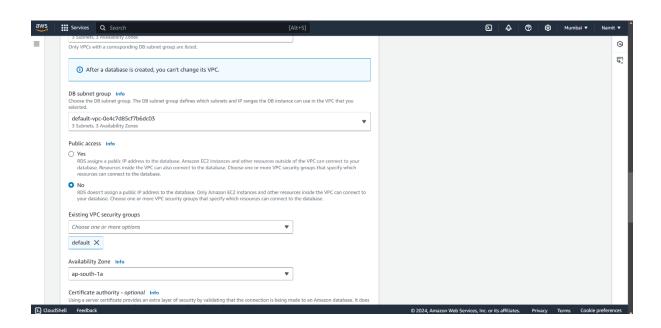


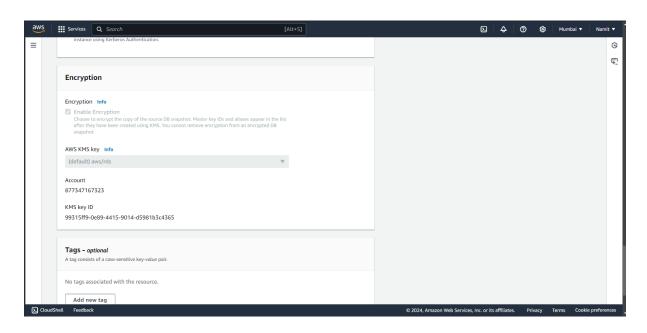


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Title of Practical: Encrypt an Unencrypted RDS DB Instance





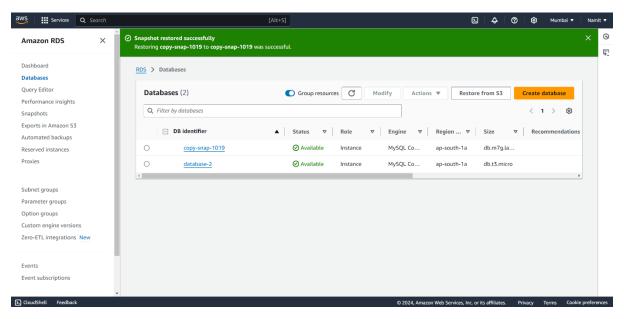


Subject: Advanced Cloud Computing

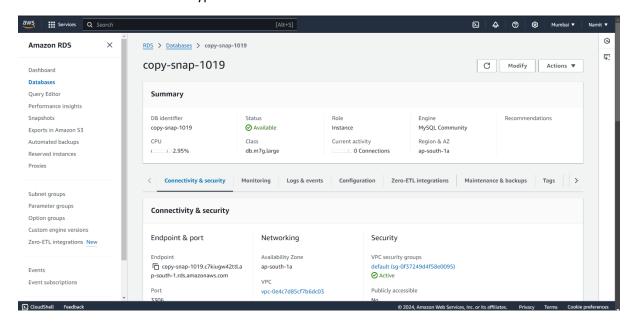
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Title of Practical: Encrypt an Unencrypted RDS DB Instance

Snapshot restored



Now lets check if encryption is enabled





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Title of Practical: Encrypt an Unencrypted RDS DB Instance

DB Instance is now encrypted

