Diagram

Description automatically generated**Created two Amazon RDS MySQL databases for student-write-db and student-read-db (read replica of student-write-db)**

Graphical user interface, text, application, chat or text message

Description automatically generated

**student-write-db**

A screenshot of a computer

Description automatically generated with medium confidence

**student-read-db**

A screenshot of a computer

Description automatically generated

**Created EC2 instance in AWS console to connect to MySql Database.**

Graphical user interface, text, application

Description automatically generated

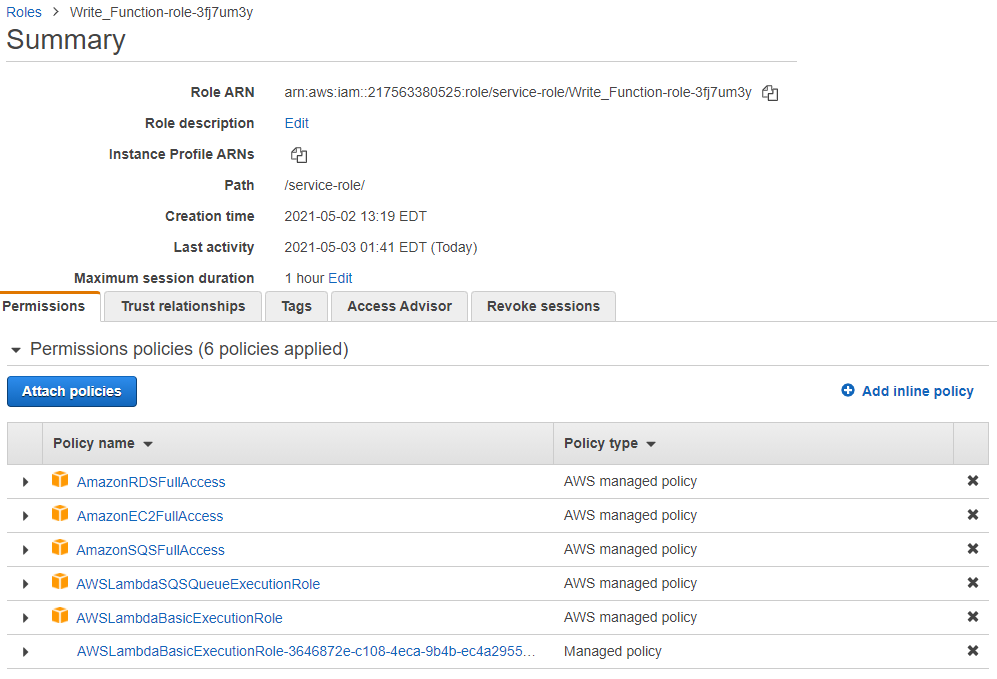
**Created Simple Queue Service in AWS console**

Graphical user interface, text, application

Description automatically generated

**Created IAM user and attached required policies**Graphical user interface, text, application, email

Description automatically generated

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**Created two Lambda Functions. One is to perform Insert, Update and Delete commands and the other is to retrieve the data from the tables.**

Graphical user interface, text, application, email

Description automatically generated

**Write\_function (to perform DML commands)**

Graphical user interface, application

Description automatically generated

Graphical user interface, text

Description automatically generated

**Created SQS trigger for this function to receive messages from Simple Queue Service**

Graphical user interface, text, application, email

Description automatically generated

**Read-function (to fetch the reports data from the database tables)**

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

**Created new collection and requests in postman and provided access key, secret key, region and service name.**

Graphical user interface, text, application, email

Description automatically generated