**Fineract Database Connection**

Firstly check the log of pod if it is not connected to database

After that go to amazon console

[https://us-east-1.console.aws.amazon.com/console/home?nc2=h\_ct&region=us-east-1&src=header-signin#](https://us-east-1.console.aws.amazon.com/console/home?nc2=h_ct&region=us-east-1&src=header-signin)

Click on Database

Graphical user interface, text, application

Description automatically generated

It will show you all the databases it presents like this

Graphical user interface, application

Description automatically generated

As our requirement is to create the db in uat fineract so that click on uat-fineract it will show the details like this

Graphical user interface, text, application, email

Description automatically generated

Copy the write instance Endpoint name by using this endpoint we create the db.

After that go to EC2 bastion in aws console click on sandbox-bastion.

Create a new pod install mysql into it, after that enter into that pod( in k9s press “s” or give kubectl exec -it POD-NAME -n NAMESPACE /bin/bash)

Then give below command

mysql -h uat-fineract.cluster-ckluizvytk2n.us-east-1.rds.amazonaws.com -u username -ppassword

It will show you like this

Text

Description automatically generated

Now create the databases by using below command.

MySQL [(none)]> CREATE DATABASE fineract\_sandbox\_default fineract\_sandbox\_tenants

Databases with named fineract\_sandbox\_default and fineract\_sandbox\_tenants will be created

After that use below command

MySQL [(none)]> Show database;

It will show you the databases as below.

Text

Description automatically generated

Now Grant permission for databases for you created. For that give below command.

MySQL [(none)]> GRANT ALL ON fineract\_sandbox\_default.\* TO 'fineract'@'%';

MySQL [(none)]> GRANT ALL ON fineract\_sandbox\_tenents;

Now go and check the pod it will up.

What ever the database name you created that name should be given in below path

/home/ubuntu/devops-config/helm/fineract

Like this

