

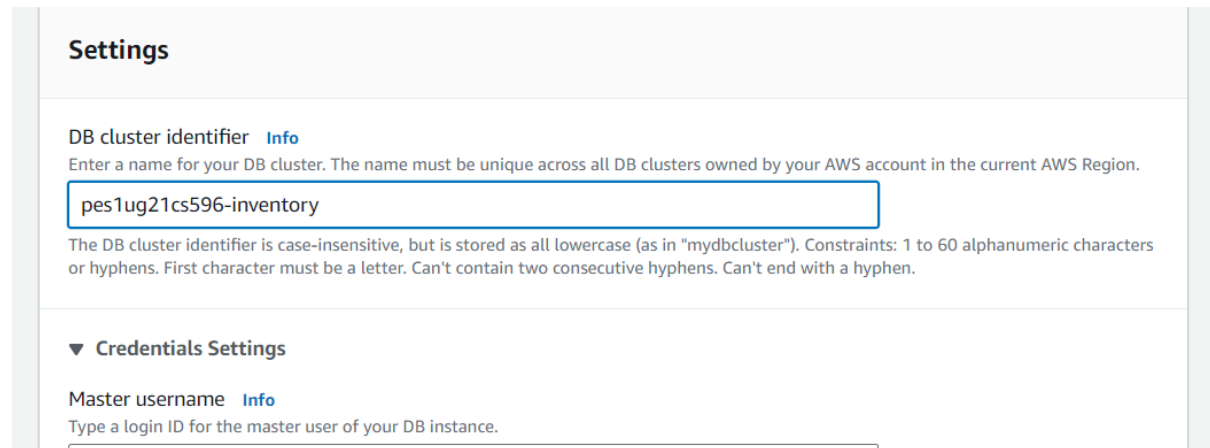
PES1UG21CS596

SINCHANA S

CC LAB

TASK-1 : Creating an Amazon RDS database

1a. Database Instance Identifier - keep it as pes1ug21csXXX-inventory.



Settings

DB cluster identifier [Info](#)
Enter a name for your DB cluster. The name must be unique across all DB clusters owned by your AWS account in the current AWS Region.

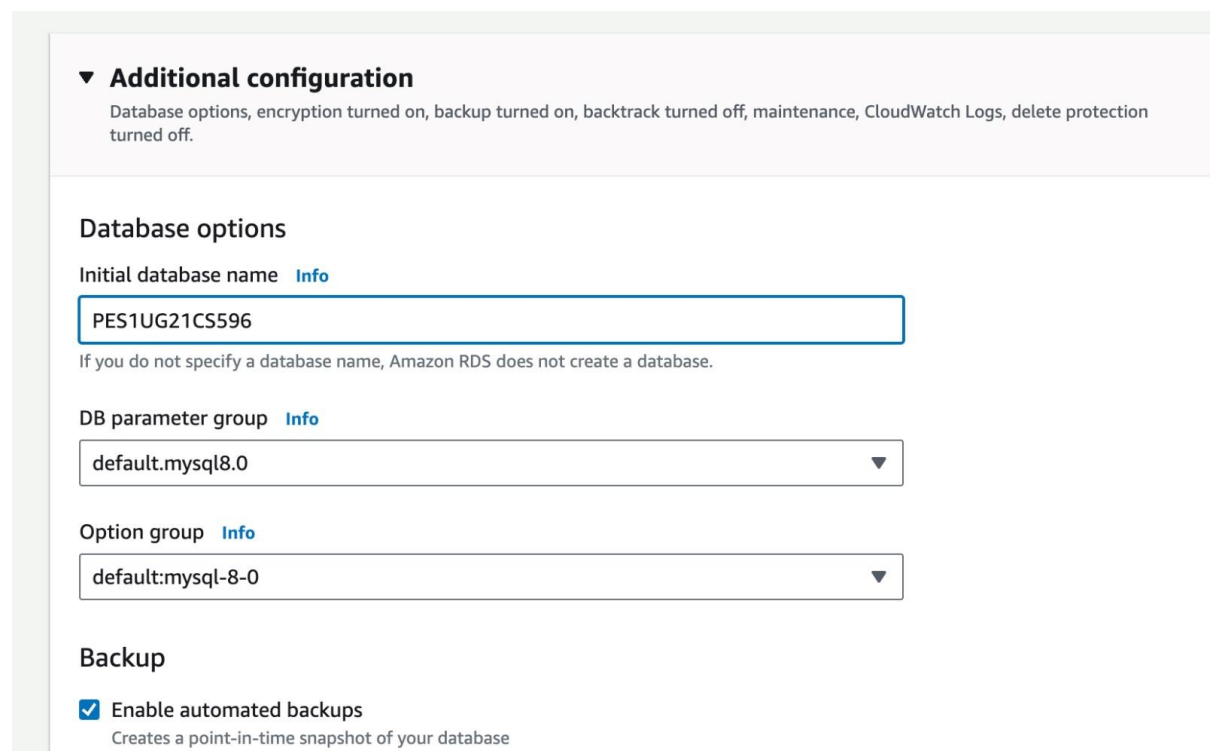
pes1ug21cs596-inventory

The DB cluster identifier is case-insensitive, but is stored as all lowercase (as in "mydbcluster"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ **Credentials Settings**

Master username [Info](#)
Type a login ID for the master user of your DB instance.

1b. Under Database options, for the Initial database name, enter - pes1ug21csxxx.



▼ **Additional configuration**
Database options, encryption turned on, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.

Database options

Initial database name [Info](#)
PES1UG21CS596
If you do not specify a database name, Amazon RDS does not create a database.

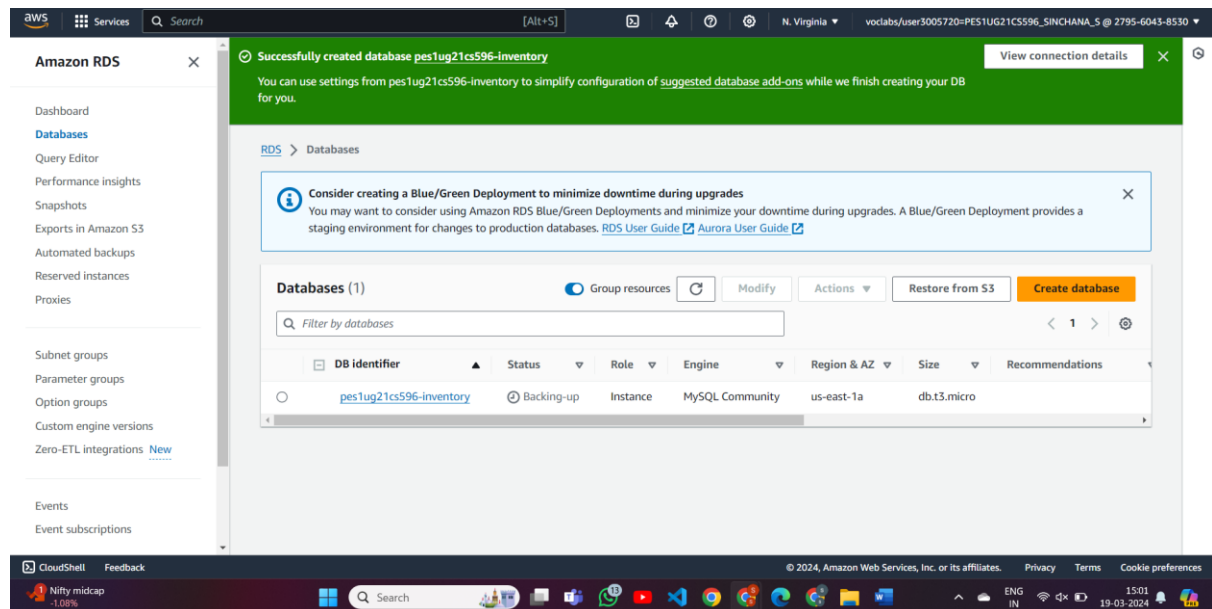
DB parameter group [Info](#)
default.mysql8.0 ▼

Option group [Info](#)
default:mysql-8-0 ▼

Backup

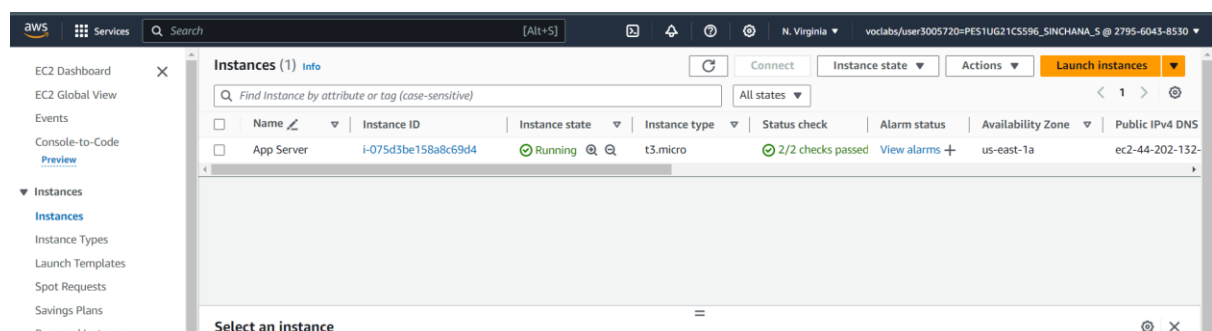
☒ **Enable automated backups**
Creates a point-in-time snapshot of your database

1c. Database created successfully and the status as available.





TASK-2 : Configuring web application communication with the database instance.

2a. In the center pane, there should be a running instance that is named App Server.



2b. Return to the browser tab with the inventory application, and enter the following

values:

 Inventory  Settings

Endpoint

pes1ug21cs596-inventory.cf7kkbs4ujvv.us-east-1.rds.amazonaws.com

Database

PES1UG21CS596

Username















admin

Password

lab-password

Save

2c. Inventory table:

		Store	Item	Quantity
		Puerto Rico	Amazon Echo	12
		Paris	Amazon Dot	3
		Detroit	Amazon Tap	5
		AWS	Amazon A	10
		Walmart	ABC	2
		Amazon Dot	WER	6
		Myntra	Coord Set	5

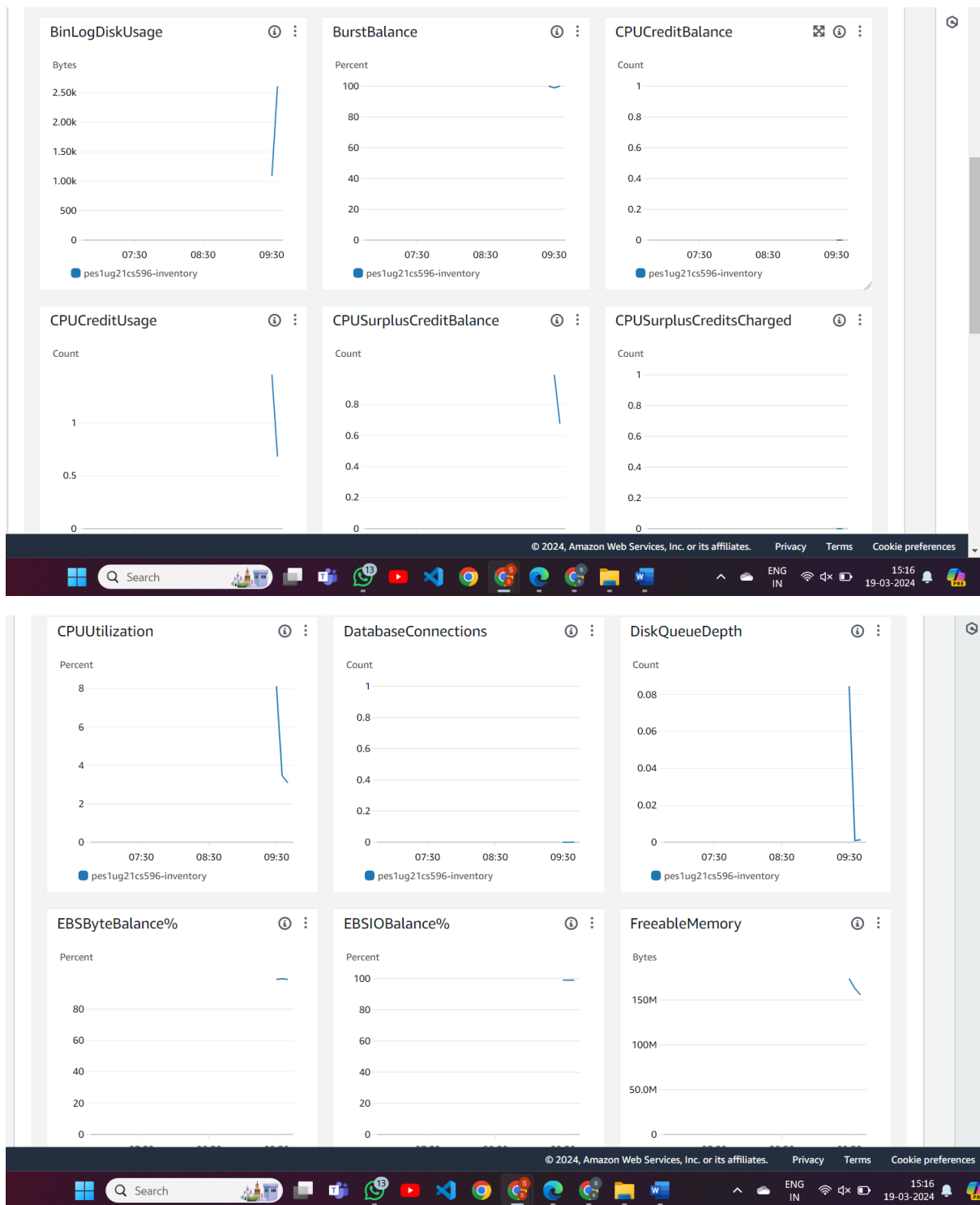
+ Add Inventory

This page was generated by instance **i-075d3be158a8**

TASK-3 : Monitoring the Database Instance:

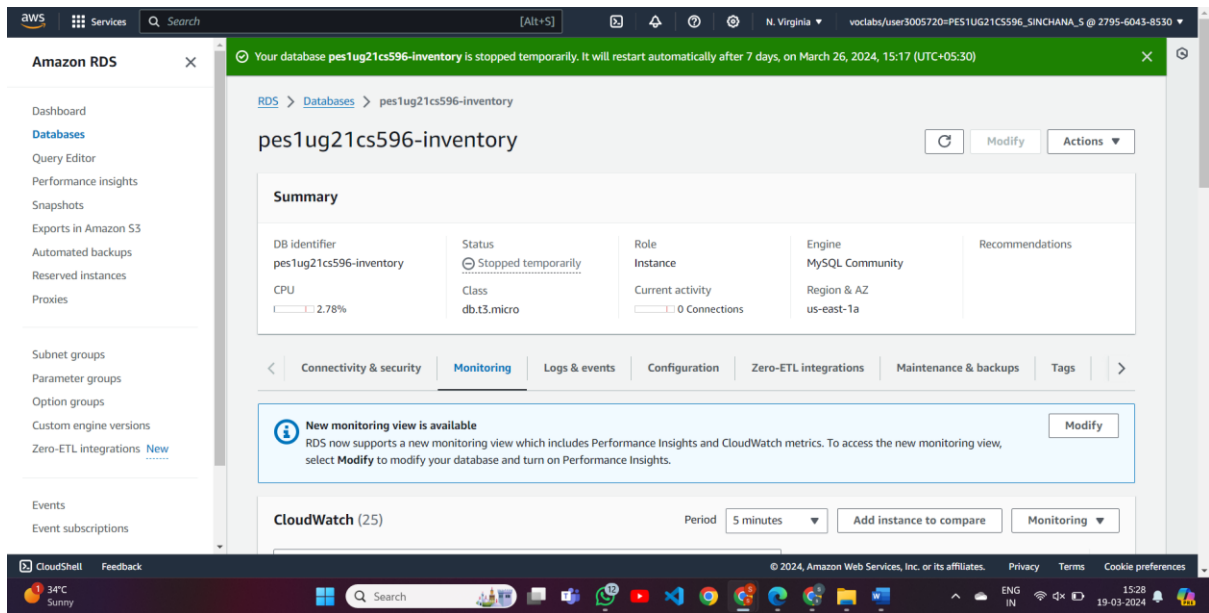
3. Observe the CloudWatch metrics indicating respective database Instance parameters as

shown in example below.



TASK-4 : Performing operations on the Database.

4. Refresh the browser after a few minutes to verify that the instance is stopped. (Status = Stopped).



Final assessment results

Your Score: 100% (100 points)

Passing Score: 70% (70 points)

Result:

Congratulations! You passed.

Review Quiz

Retry Quiz

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