Lab 5

Task 1: Create a Security Group for the RDS DB Instance

⊘ **Security group (sg-08b7b10bafb4605d7 | Db Security Group) was created successfully**
▶ Details

VPC > Security Groups > sg-08b7b10bafb4605d7 - Db Security Group

sg-08b7b10bafb4605d7 - Db Security Group

[Actions ▼]

Details

Security group name	Security group ID	Description	VPC ID
🗗 Db Security Group	🗗 sg-08b7b10bafb4605d7	🗗 Permit access from Web Security Group	🗗 vpc-0ae3bbdb5cadacdb9

Owner	Inbound rules count	Outbound rules count	
🗗 544414955072	1 Permission entry	1 Permission entry	

Inbound rules | Outbound rules | Tags

ⓘ You can now check network connectivity with Reachability Analyzer   [Run Reachability Analyzer] ✕

Inbound rules (1/1)   [↻] [Manage tags] [Edit inbound rules]

🔍 Filter security group rules

< 1 > ⚙

☑	Name ▽	Security group rule... ▽	IP version ▽	Type ▽	Protocol ▽	Port range ▽	Source ▽	Description ▽
☑	–	sgr-092d7f902870a11...	–	MYSQL/Aurora	TCP	3306	sg-039db4cab90951a...	–

Task 2: Create a DB Subnet Group

⊘ **Successfully created DB-Subnet-Group.** View subnet group   ✕

RDS > Subnet groups

Subnet groups (1)   [↻] [Edit] [Delete] [**Create DB subnet group**]

🔍 Filter by subnet group

< 1 > ⚙

☐	Name ▲	Description ▽	Status ▽	VPC ▽
☐	db-subnet-group	Db Subnet Group	⊘ Complete	vpc-0ae3bbdb5cadacdb9

Task 3: Create an Amazon RDS DB Instance

⊘ **Successfully created database lab-db**   [View connection details] ✕
You can use settings from lab-db to simplify configuration of suggested database add-ons while we finish creating your DB for you.
How was your experience creating an Amazon RDS database? Provide feedback
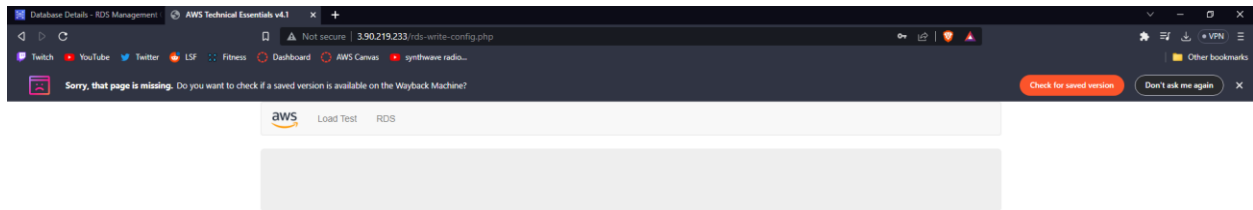
RDS > Databases

ⓘ **Consider creating a Blue/Green Deployment to minimize downtime during upgrades**
You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. RDS User Guide 🗗 Aurora User Guide 🗗   ✕

Databases   ⬤ Group resources [↻] [Modify] [Actions ▼] [Restore from S3] [**Create database**]

🔍 Filter by databases

< 1 > ⚙

	⊕ DB identifier ▲	Role ▽	Engine ▽	Region & AZ ▽	Size ▽	Status ▽	Actions ▽	CPU	Current activity	Maintenance ▽
○	lab-db	Instance	MySQL Community	us-east-1a	db.t3.micro	⊕ Modifying	4 Actions	-		none

Task 4: Interact with Your Database

aws   Load Test   RDS

End Lab   ✕

Region: us-east-1
Lab ID: arn:aws:cloudformation:us-east-
1:544414955072:stack/c79767a166592914031471t1w544414955072/ab4884b0-e7a5-11ed-a548-
1240d3575417
Creation Time: 2023-04-30T15:23:44-0700
You may close this message box now. Lab resources are terminating ...