



1.aws ec2 describe-vpcs --vpc-ids vpc-08bbcf5d2d01233d7 \

--filters "Name=tag:Name,Values= Cafe VPC" \

--query "Vpcs[\*].CidrBlock"

2.Cafe VPC IPv4 CIDR block: 10.200.0.0/20

3.aws ec2 describe-subnets \

--filters "Name=vpc-id,Values=vpc-08bbcf5d2d01233d7" \

--query "Subnets[\*].[SubnetId,CidrBlock]"

4. aws ec2 describe-availability-zones \

--filters "Name=region-name,Values=us-west-2" \

--query "AvailabilityZones[\*].ZoneName"

5. http://ec2-54-188-143-105.us-west-2.compute.amazonaws.com/cafe

6.Number of orders: 69.50

7. aws ec2 create-security-group \

--group-name CafeDatabaseSG \

--description "Security group for Cafe database" \

--vpc-id vpc-08bbcf5d2d01233d7

8. aws ec2 authorize-security-group-ingress \

--group-id sg-03eb6a0143fe1d34e \

--protocol tcp --port 3306 \

--source-group sg-06ada420b78735450

9. aws ec2 describe-security-groups \

--query "SecurityGroups[\*].[GroupName,GroupId,IpPermissions]" \

--filters "Name=group-name,Values='CafeDatabaseSG'"

10.aws ec2 create-subnet \

--vpc-id vpc-08bbcf5d2d01233d7 \ 10.200.2.0/23

--cidr-block 10.200.10.0/23 \

--availability-zone us-west-2b

11.aws ec2 create-subnet \

--vpc-id vpc-08bbcf5d2d01233d7 \ 10.200.10.0/23

--cidr-block 10.200.2.0/23 \

--availability-zone us-west-2a

12.aws rds create-db-subnet-group \

--db-subnet-group-name "CafeDB Subnet Group" \

--db-subnet-group-description "DB subnet group for Cafe" \

--subnet-ids subnet-04cb3f8b0646e435a subnet-00f36209897299bf4 \

--tags "Key=Name,Value= CafeDatabaseSubnetGroup"

13. aws rds create-db-instance \

--db-instance-identifier CafeDBInstance \

--engine mariadb \

--engine-version 10.5.13 \

--db-instance-class db.t3.micro \

--allocated-storage 20 \

--availability-zone us-west-2a \

--db-subnet-group-name "CafeDB Subnet Group" \

--vpc-security-group-ids sg-03eb6a0143fe1d34e \

--no-publicly-accessible \

--master-username root --master-user-password 'Re:Start!9'

14. mysqldump --user=root --password='Re:Start!9' \

--databases cafe\_db --add-drop-database > cafedb-backup.sql

15. less cafedb-backup.sql--- q to go back

16. mysql --user=root --password='Re:Start!9' \

--host=cafedbinstance.cepdvniinorb.us-west-2.rds.amazonaws.com \

< cafedb-backup.sql

17.mysql --user=root --password='Re:Start!9' \

--host=cafedbinstance.cepdvniinorb.us-west-2.rds.amazonaws.com \

cafe\_db

18.select \* from product;

19. http://ec2-54-188-143-105.us-west-2.compute.amazonaws.com/cafe

20. mysql --user=root --password='Re:Start!9' \

--host=ec2-54-188-143-105.us-west-2.compute.amazonaws.com \

cafe\_db

21.select \* from product;

22.exit