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####################### **AWS CLI INSTALLATION** ####################

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* Install Python

yum install python3 -y

python3 –version

* Install Pip

curl -O <https://bootstrap.pypa.io/get-pip.py>

python3 get-pip.py –user

export PATH=~/.local/bin:$PATH

pip3 –version

3. Install AWS Cli

pip3 install awscli --upgrade --user

aws --version

aws configuration

**Create EC2 instance using AWS-Cli:**

aws ec2 run-instances \

--image-id ami-0c322300a1dd5dc79 \

--count 1 \

--instance-type t2.micro \

--key-name Naresh\_virginia\_Nov \

--security-groups default

aws ec2 stop-instances --instance-ids i-0bbb6ddd1b86a4984

aws ec2 terminate-instances --instance-ids i-0bbb6ddd1b86a4984

**Create S3 bucket using AWS-Cli:**

aws s3 mb s3://buckettest1 --region us-east-1

**Creating sqlserver DB Using AWS-CLI:**

aws rds create-db-instance \

--allocated-storage 20 \

--db-instance-class db.m4.large \

--db-instance-identifier sqlserver-instance \

--engine sqlserver-web \

--port 1433 \

--master-username master \

--master-user-password secret99 \

--publicly-accessible

**Creating oracle DB Using AWS-CLI:**

aws rds create-db-instance \

--allocated-storage 20 \

--db-instance-class db.m5.large \

--db-instance-identifier oraclerdsexample \

--engine oracle-se \

--backup-retention-period 3 \

--db-subnet-group default \

--master-username admin \

--master-user-password admin123

**Creating postgres DB Using AWS-CLI:**

aws rds create-db-instance \

--db-instance-identifier pgdb-instance \

--allocated-storage 20 \

--db-instance-class db.t2.micro \

--engine postgres \

--master-username postgres \

--master-user-password admin123

**Creating sqlserver-web DB Using AWS-CLI:**

aws rds create-db-instance \

--allocated-storage 20 \

--db-instance-class db.m4.large \

--db-instance-identifier test-instance \

--engine sqlserver-web \

--port 1433 \

--master-username master \

--master-user-password secret99 \

--publicly-accessible

**Creating aurora-mysql DB Using AWS-CLI:**

aws rds create-db-cluster \

--db-cluster-identifier aurora-mysql-cluster \

--engine aurora-mysql \

--engine-version 5.7.12 \

--master-username admin \

--master-user-password admin123 \

--db-subnet-group-name default \

--vpc-security-group-ids sg-8746f2d5

aws rds create-db-instance \

--db-instance-identifier aurora-mysql-instance \

--db-cluster-identifier aurora-mysql-cluster \

--engine aurora-mysql \

--db-instance-class db.r4.large