

AWS Project: -2

Project Date: – 04.05.2021

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Q:- Create an Oracle **Database** with your INFRA -VPC, with Private subnet (Don't use public subnet)

Sol:

The screenshot shows the AWS Management Console for an Amazon RDS instance. The left sidebar contains navigation links for Dashboard, Databases, Query Editor, Performance Insights, Snapshots, Automated backups, Reserved instances, Proxies, Subnet groups, Parameter groups, Option groups, Custom Availability Zones, Events, Event subscriptions, Recommendations, and Certificate update. The main content area displays the 'Summary' page for the instance 'oracledb'. The summary includes the DB identifier, CPU, Status (Configuring-enhanced-monitoring), Class (db.t3.small), Role (Instance), Current activity (0 Sessions), Engine (Oracle Standard Edition Two), and Region & AZ (us-east-1). Below the summary, the 'Connectivity & security' tab is selected, showing details for Endpoint & port, Networking, and Security.

DB identifier	CPU	Status	Class
oracledb	-	Configuring-enhanced-monitoring	db.t3.small

Endpoint & port	Networking	Security
Endpoint: oracledb-cjolgpxty6t-us-east-1-rds.amazonaws.com Port: 1521	Availability zone: us-east-1d VPC: vpc-0d6776a5e2c573306 Subnet group: default-vpc-0d6776a5e2c573306 Subnets: subnet-04ba11f61fb41bcbf, subnet-09f78c17bc6d5a091, subnet-099d9179f2dfeab05, subnet-0bvc1e6d0a871e7474, subnet-0238165a516dfe25, subnet-00579b9cbe0d617	VPC security groups: rds-launch-wizard-1 (active) Public accessibility: Yes Certificate authority: rds-ca-2019 Certificate authority date: August 22, 2024 22:38

The screenshot shows the AWS Management Console for the same Amazon RDS instance, but with the 'Configuration' tab selected. The left sidebar is the same. The main content area displays the 'Configuration' page for the instance 'oracledb'. The configuration includes details for Instance class, Storage, and Performance Insights.

Configuration	Instance class	Storage	Performance Insights
DB instance ID: oracledb Engine version: 19.0.0.0.ru-2021-01.ru-2021-01.r2 DB name: ORCL License model: Bring Your Own License	Instance class: db.t3.small vCPU: 2 RAM: 2 GB Availability: Master/standby	Encryption: Enabled AWS KMS key: aws/rds Storage type: General Purpose (SSD) IOPS: -	Performance Insights enabled: Yes AWS KMS key: aws/rds Retention period: 7 days

console.aws.amazon.com/vpc/home?region=us-east-1#vpcs:sort=VpcId

Search for services, features, marketplace products, and docs [Alt+S]

Services

New VPC Experience

VPC Dashboard

Filter by VPC:

Q Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

REACHABILITY

Reachability Analyzer

DNS FIREWALL

Rule Groups

Domain Lists

Create VPC Actions

Filter by tags and attributes or search by keyword

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	IPv6 CIDR (Network Border Group)	DHCP options set	Main Route table	Main Network ACL
vpc-0d6776a5e2c573306	vpc-0d6776a5e2c573306	available	172.30.0.0/16	-	-	dopt-f80d687	rtb-00f50e50829b7a8	acl-05320645db8856568
vpc-d6727a3	vpc-d6727a3	available	172.31.0.0/16	-	-	dopt-f80d687	rtb-0d6e7f73	acl-8200ecfe

VPC: vpc-0d6776a5e2c573306

Description CIDR Blocks Flow Logs Tags

VPC ID vpc-0d6776a5e2c573306

State available

IPv4 CIDR 172.30.0.0/16

IPv6 CIDR -

IPv6 Pool -

Network ACL acl-05320645db8856568

DHCP options set dopt-f80d687

Route table rtb-00f50e50829b7a8

Tenancy default

Default VPC No

Classic link Disabled

IPv6 CIDR (Network Border Group) -

DNS resolution Enabled

DNS hostnames Enabled

ClassicLink DNS Support Disabled

Owner 833953011962

Feedback English (US)

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Oracle SQL Developer : oracledb

File Edit View Navigate Run Source Team Tools Window Help

Connections

oracledb

Tables (Filtered)

Views

Indexes

Packages

Procedures

Functions

Operators

Queues

Queues Tables

Triggers

Types

Sequences

Reports

All Reports

Analytic View Reports

Data Dictionary Reports

Data Modeler Reports

OLAP Reports

TimesTen Reports

User Defined Reports

Welcome Page oracledb

Worksheet Query Builder

```
CREATE TABLE WORKSHOP
(id number,
presenter varchar2(100),
delivered_on date);
```

Script Output x

Task completed in 0.489 seconds

Table WORKSHOP created.

Line: 4 Column: 20 Insert Modified Windows: 0

Type here to search

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