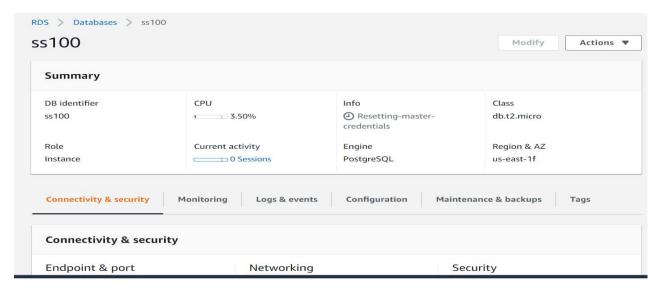
Database Administration and Scaling

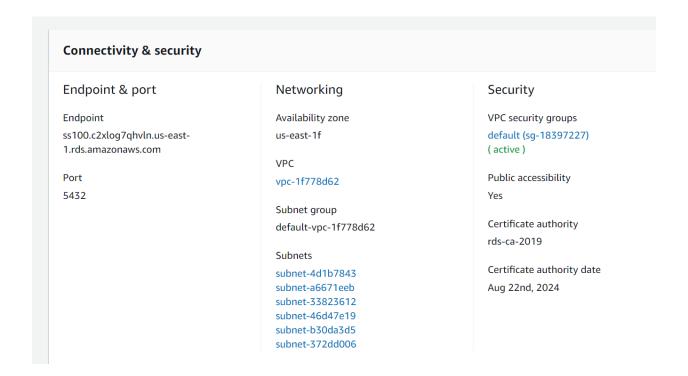
T4A Assignment Postgresql in the cloud, Getting Started

1. DB instance specifications in AWS console

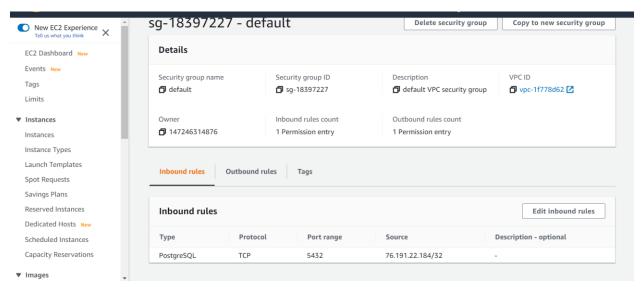
odify DB Instance: ss100		
Instance specifications		
DB engine version Version number of the database engine to be used for this instance.		
PostgreSQL 12.3-R1 (default)	•	
DB instance class Contains the compute and memory capacity of the DB instance.		
db.t2.micro — 1 vCPU, 1 GiB RAM	•	
Multi-AZ deployment Specifies if the DB instance should have a standby deployed in another availability zone.		
○ Yes		
○ No		
Storage type		
General Purpose (SSD)	•	

2. DB instance summary and connectivity settings

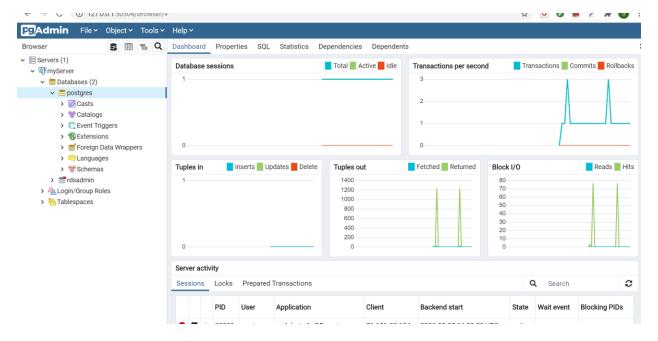




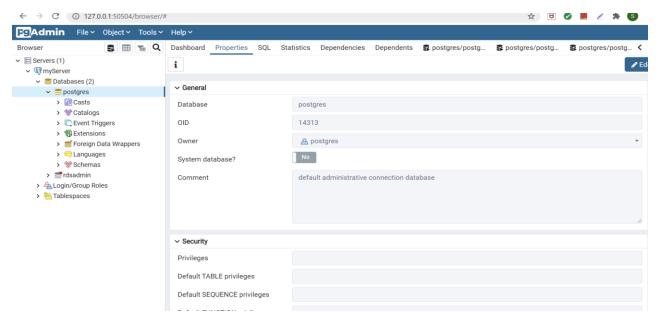
3. AWS RDS Instance Security Policy Configuration (modified inbound rules)



4. Database connection successful using pgAdmin4

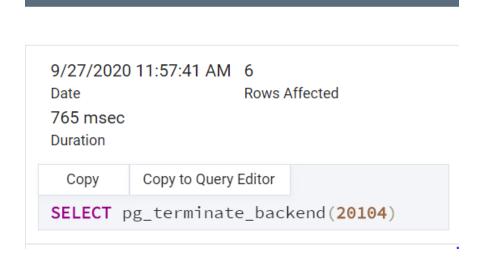


5. Properties of postgres database connection in pgAdmin4





6. Query to close connection to database in pgAdmin4 query editor; reconnecting to database using UIUC cisco VPN



Shubhangi Singhal 27 September 2020

