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| 1. VPC Creation with AWS Terraform |
| 2. Master Postgresql Server Launching via Terraform Module |
| 3. Slaves Servers Launcing via Terraform Module (Number of Slaves required) |
| 4. Master Postgresql Server OS type: Ubuntu |
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| mkdir /root/postgresql-master |
| chown 1001:1001 /root/postgresql |
|  |
| docker run --name postgresql-master \ |
| -e POSTGRESQL\_REPLICATION\_MODE=master \ |
| -e POSTGRESQL\_USERNAME=my\_user \ |
| -e POSTGRESQL\_PASSWORD=password123 \ |
| -e POSTGRESQL\_DATABASE=my\_database \ |
| -e POSTGRESQL\_REPLICATION\_USER=my\_repl\_user \ |
| -e POSTGRESQL\_REPLICATION\_PASSWORD=my\_repl\_password \ |
| -v /root/postgresql-master:/bitnami/postgresql \ |
| -p 5432:5432 \ |
| -d --restart unless-stopped bitnami/postgresql:latest |
|  |
| 5. Slave Postgresql Server OS type: Ubuntu |
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| mkdir /root/postgresql-slave1 |
| chown 1001:1001 /root/postgresql-slave1 |
|  |
| docker run --name postgresql-slave1 \ |
| -e POSTGRESQL\_REPLICATION\_MODE=slave \ |
| -e POSTGRESQL\_PASSWORD=password123 \ |
| -e POSTGRESQL\_MASTER\_HOST=192.168.0.53 \ |
| -e POSTGRESQL\_MASTER\_PORT\_NUMBER=5432 \ |
| -e POSTGRESQL\_REPLICATION\_USER=my\_repl\_user \ |
| -e POSTGRESQL\_REPLICATION\_PASSWORD=my\_repl\_password \ |
| -v /root/postgresql-slave1:/bitnami/postgresql \ |
| --restart unless-stopped bitnami/postgresql:latest |
|  |
| # Note: detach mode can be used with -d |
| # N Number of Slaves Nodes can be setup according to requirement. |