# AWS Database Restore

## Part 1 - Create RDS Instance

DB instance identifier =root_database

Master username=admin

Master password: PI123456789

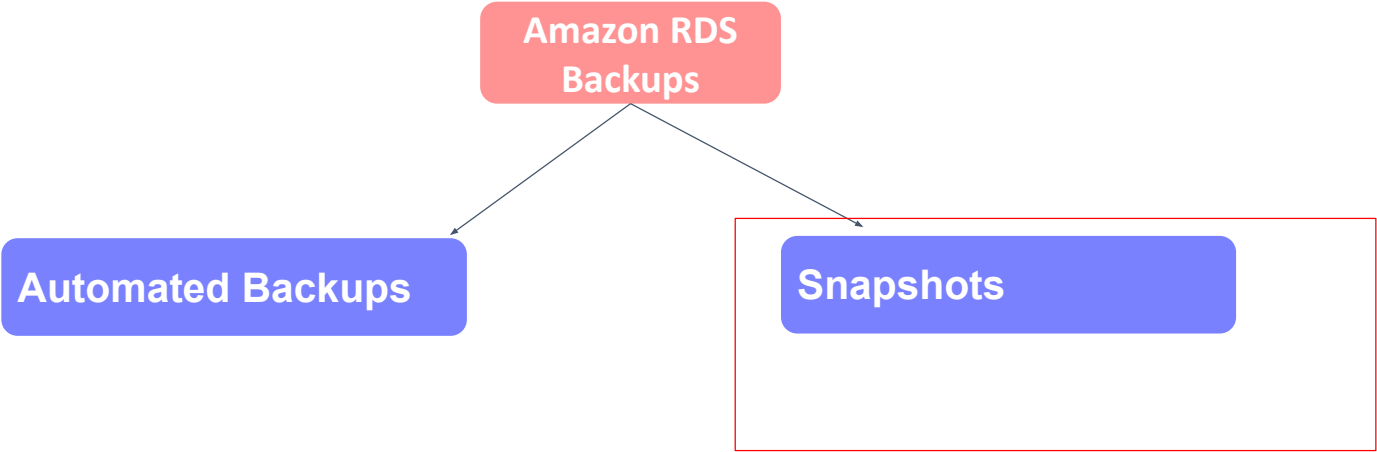Initial database: clarusway

Amazon RDS
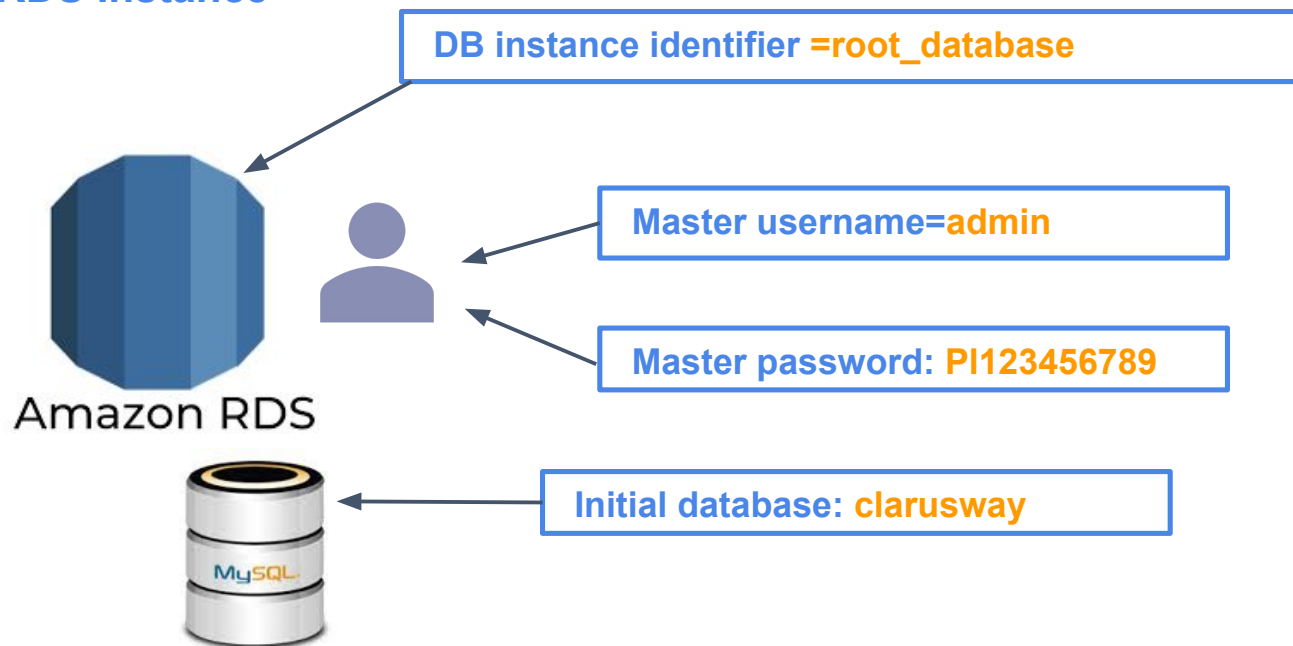
User      : admin
Database  : clarusway
PI123456789

# Part 1 - Installing MariaDB Client and connect to RDS for Manipulating

**Mysql Client**

**Messenger**

Table employees

Root_Database

Amazon RDS

Create Tables

officies
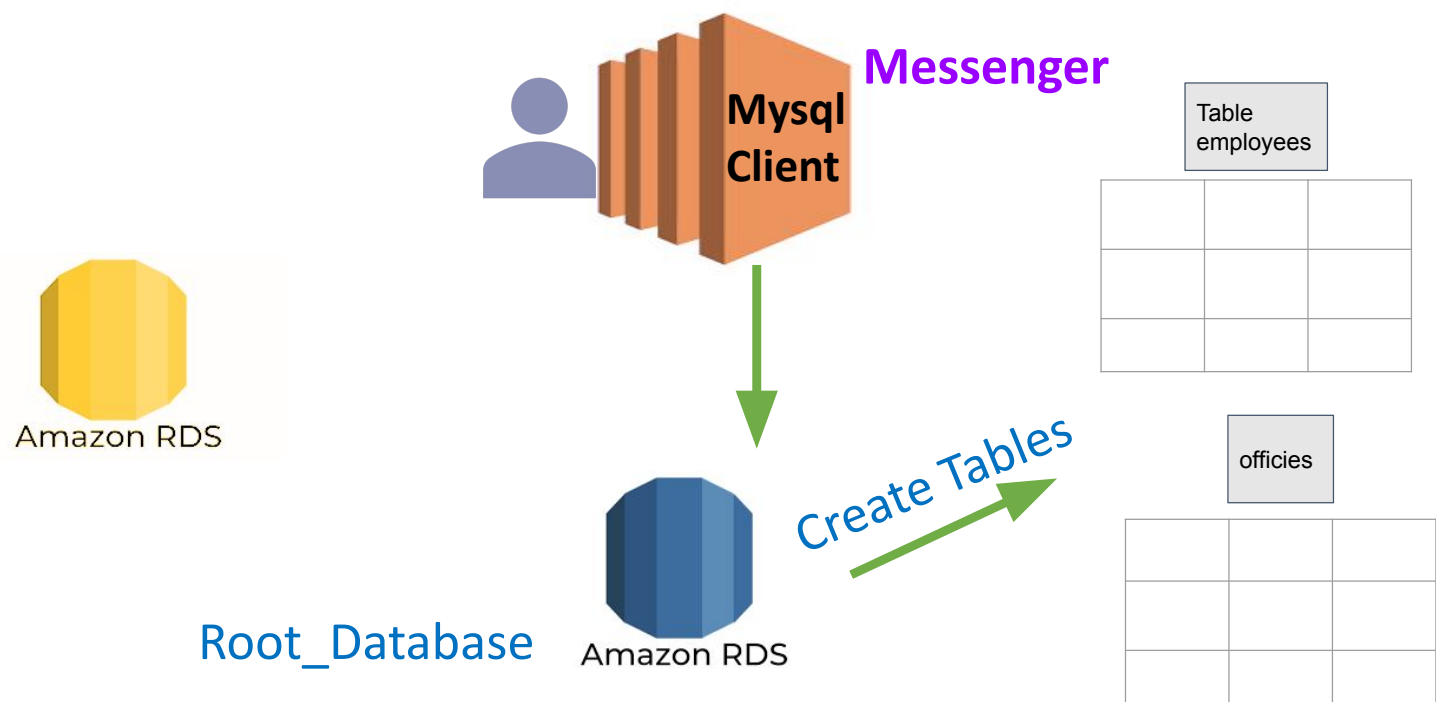
# Part 2 - Taking Manual snapshot

**Amazon RDS Backups**

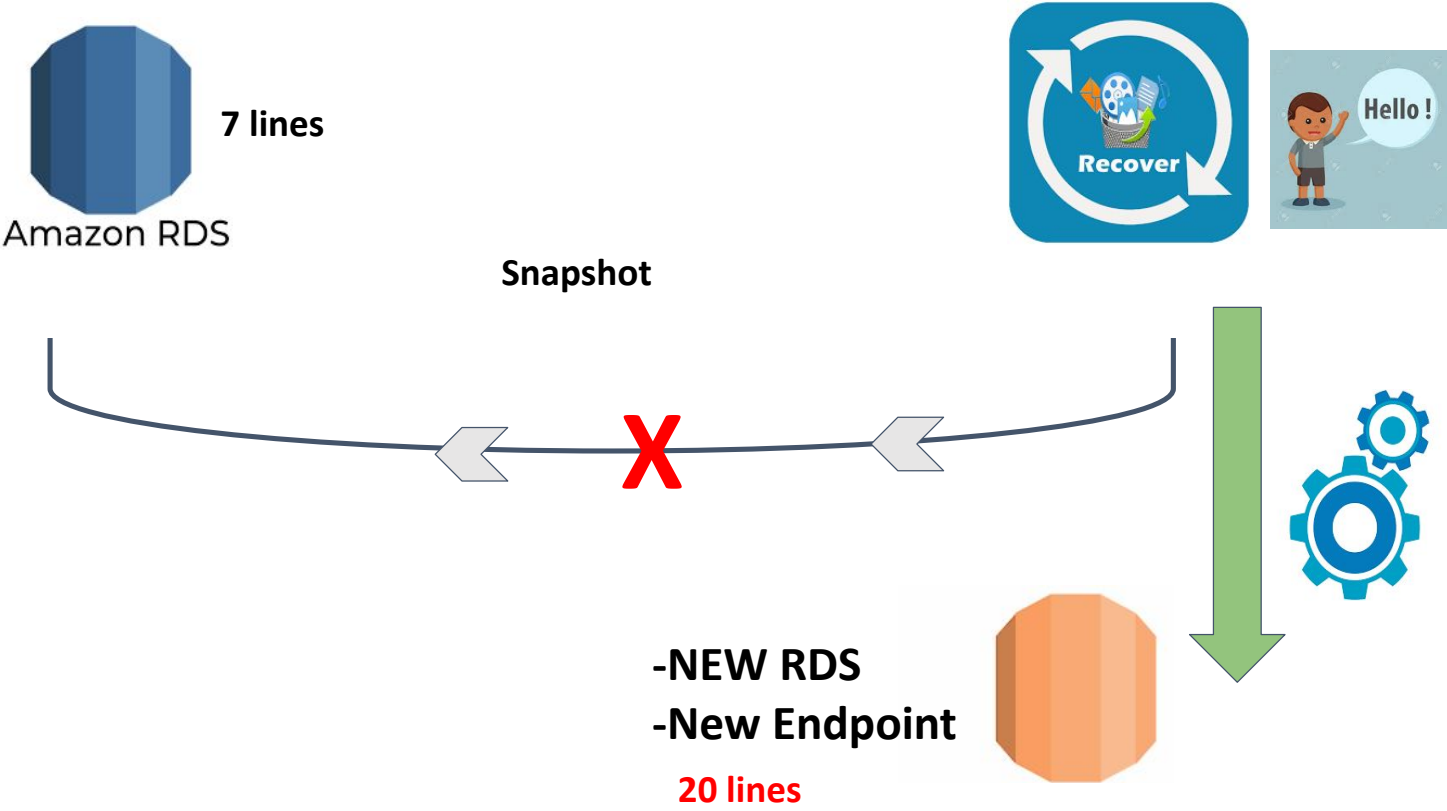**Automated Backups**

**Snapshots**

# Part 3 - Recovering RDS DB Instance from Manual snapshot-

**Amazon RDS**

**1** — Take snapshots of **root_ RDS**
(Still have table and full of data)

**2** — DELETE some data from employees table

Amazon RDS — There are 7 employees table
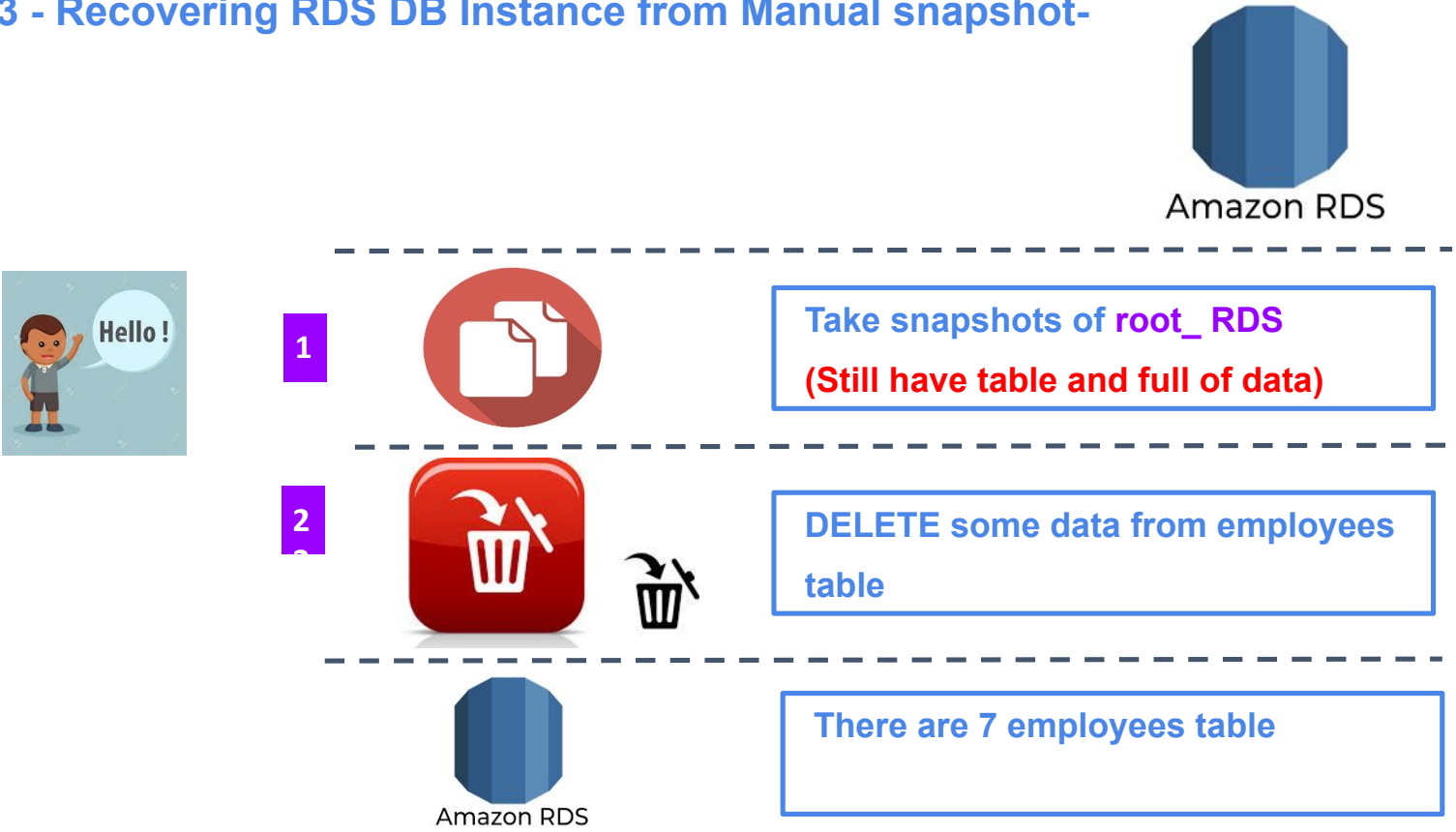
# Part 3 - Recovering RDS DB Instance from Manual snapshot- Recover

**7 lines**

Amazon RDS

Hello !

Recover

**Snapshot**

X

-NEW RDS
-New Endpoint
**20 lines**

# Part -4 Restore from Point in time Recovery- Blueprint

Hello !

**Amazon RDS**

**root =7**

**1**

**Delete** tables/data from "Restore from manuel RDS"

**2**

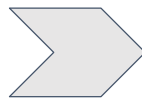**Point in time Recovery**

# Part 4 Restore from Point in time Process

**Amazon RDS**
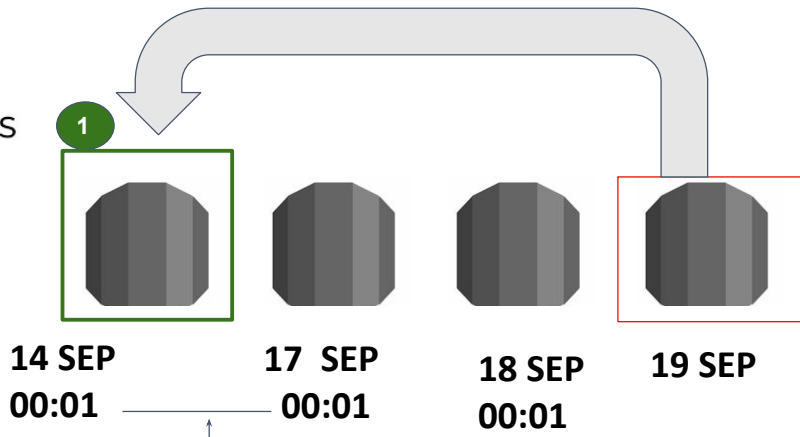
**Point in time recovery ~13:20**

**Recover**

X

-NEW RDS
-New Endpoint

# Amazon RDS

**1** **14 SEP 00:01**  **17 SEP 00:01**  **18 SEP 00:01**  **19 SEP**
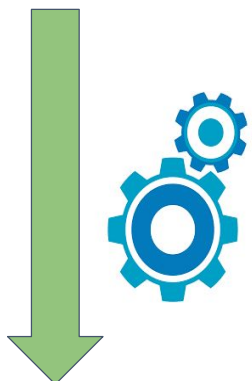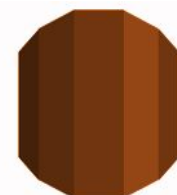
## Point in time recovery

**DESIRED :**
**12 Jun 2023 20:40:45**  → Snapshot
→ Transaction Logs

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | **2** 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| 00-05 | 06-10 | 11-15 | 16-20 | 21-25 | 26-30 | **3** 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| 26 | 27 | 28 | 29 | **4** 30 |
|---|---|---|---|---|

45 **5**

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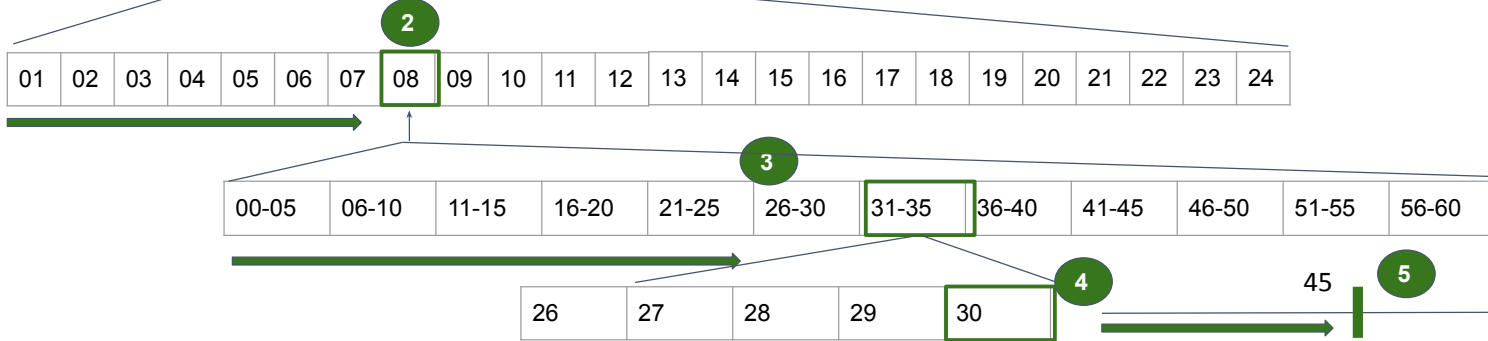
## Backups

**Automated-**
**Like a Movie**

**Manual -**
**Like a Picture**

- **Snapshot**
- **Transaction Logs**
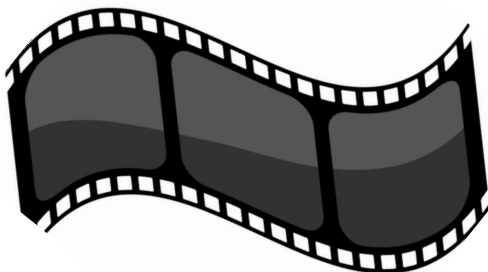
- **Snapshot**
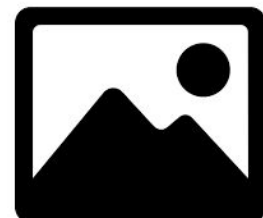
# Part 5 - Dumping and Migrating Database

Point in time recovery RDS

there is no absent data-20

1

Mysql Client

2

Hello !

backup.sql

4

After Dumb

MySQL.

there is no absent data
clarusway

Amazon RDS