Database Restore from Snapshot 08-01-2024
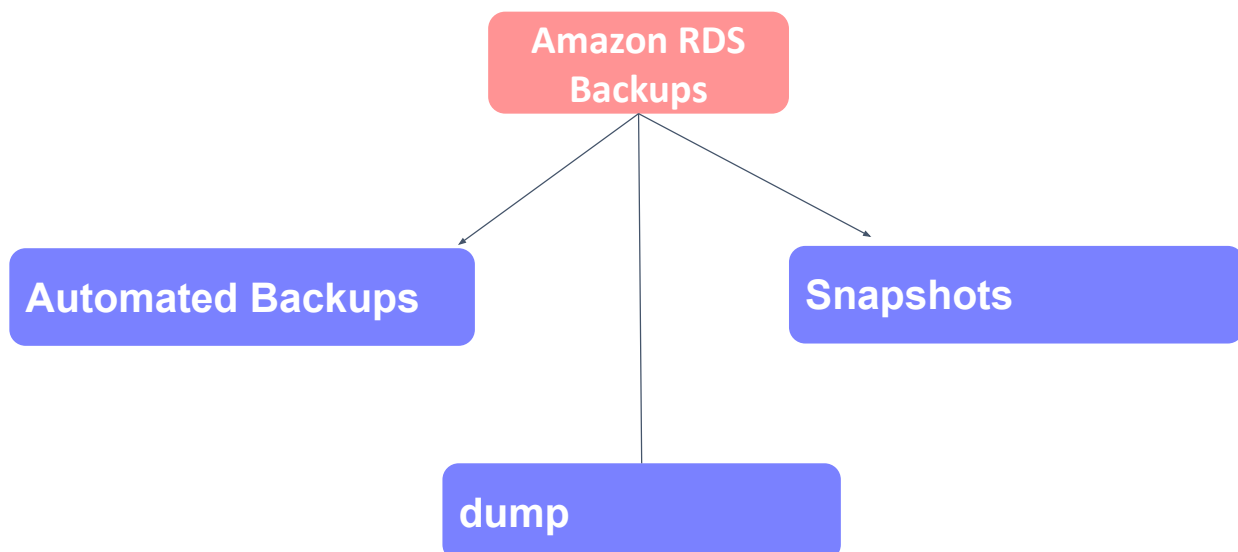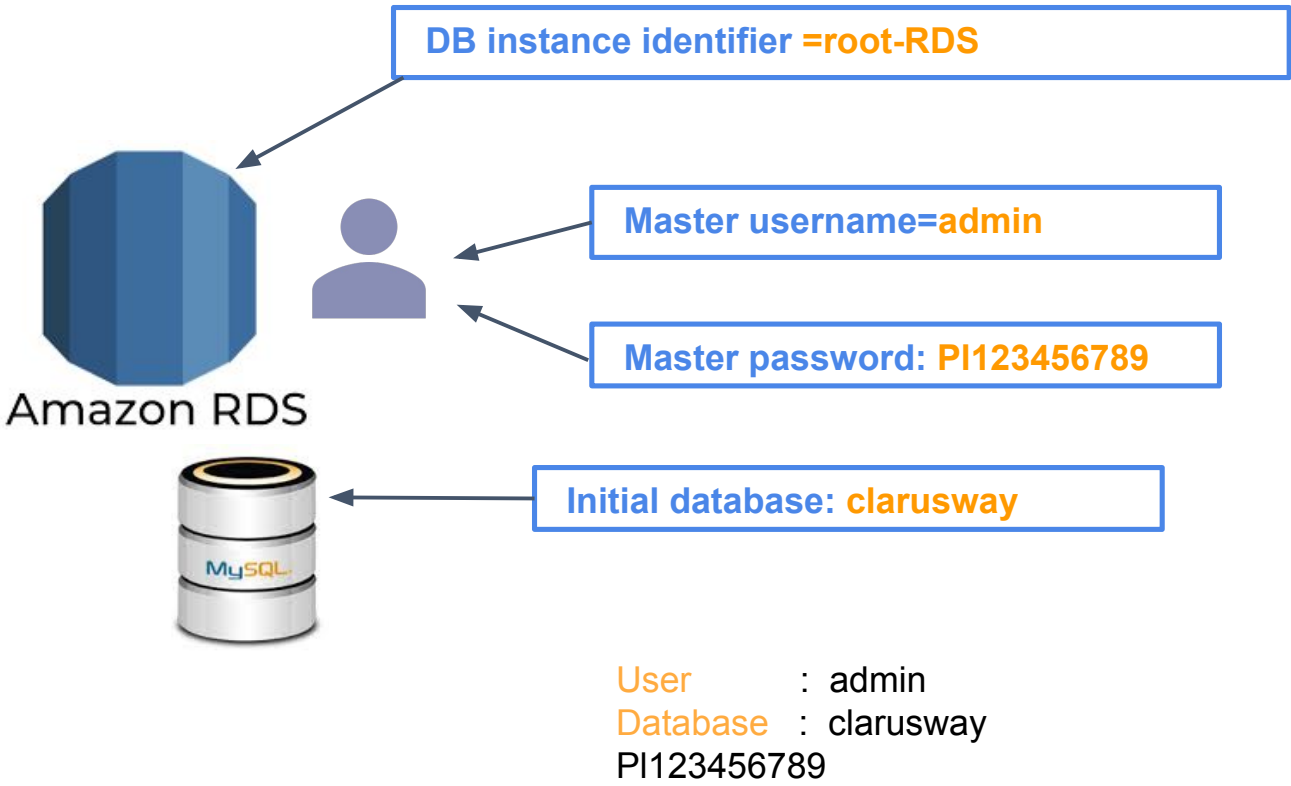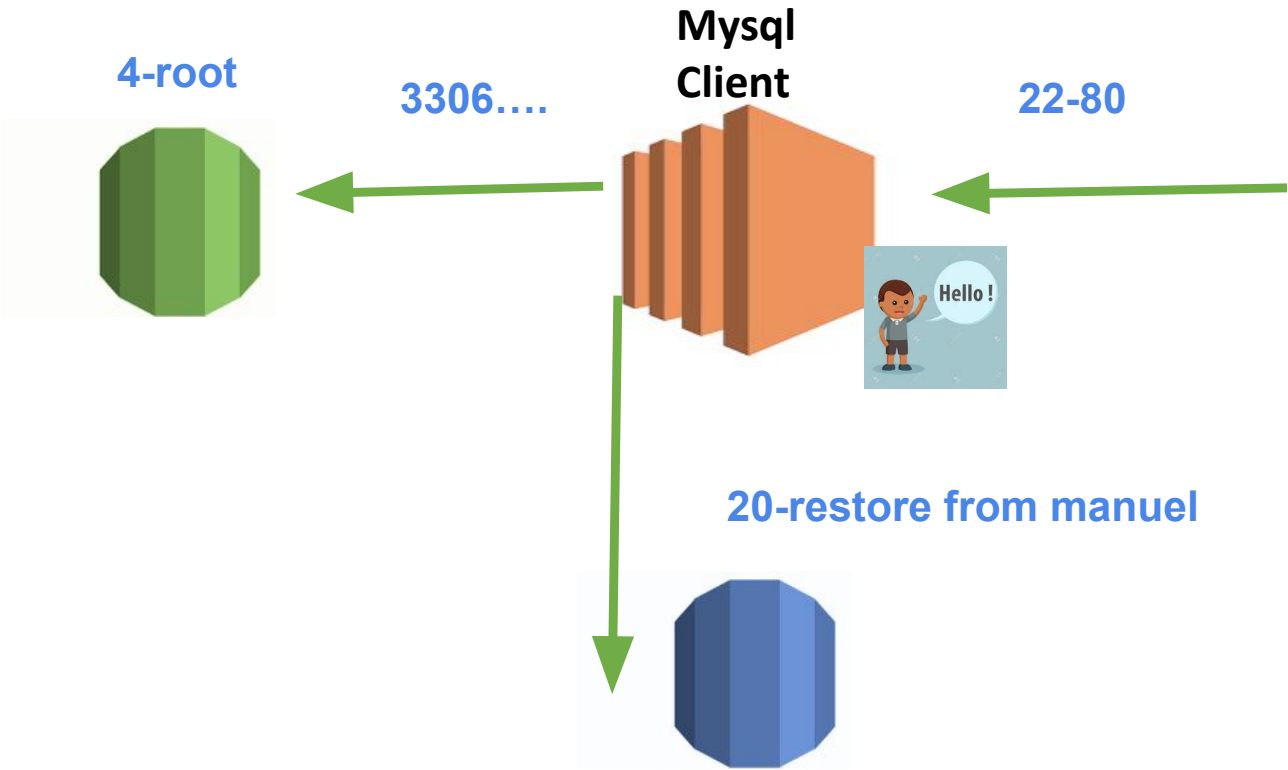
Part 2 - Taking Manual snapshot
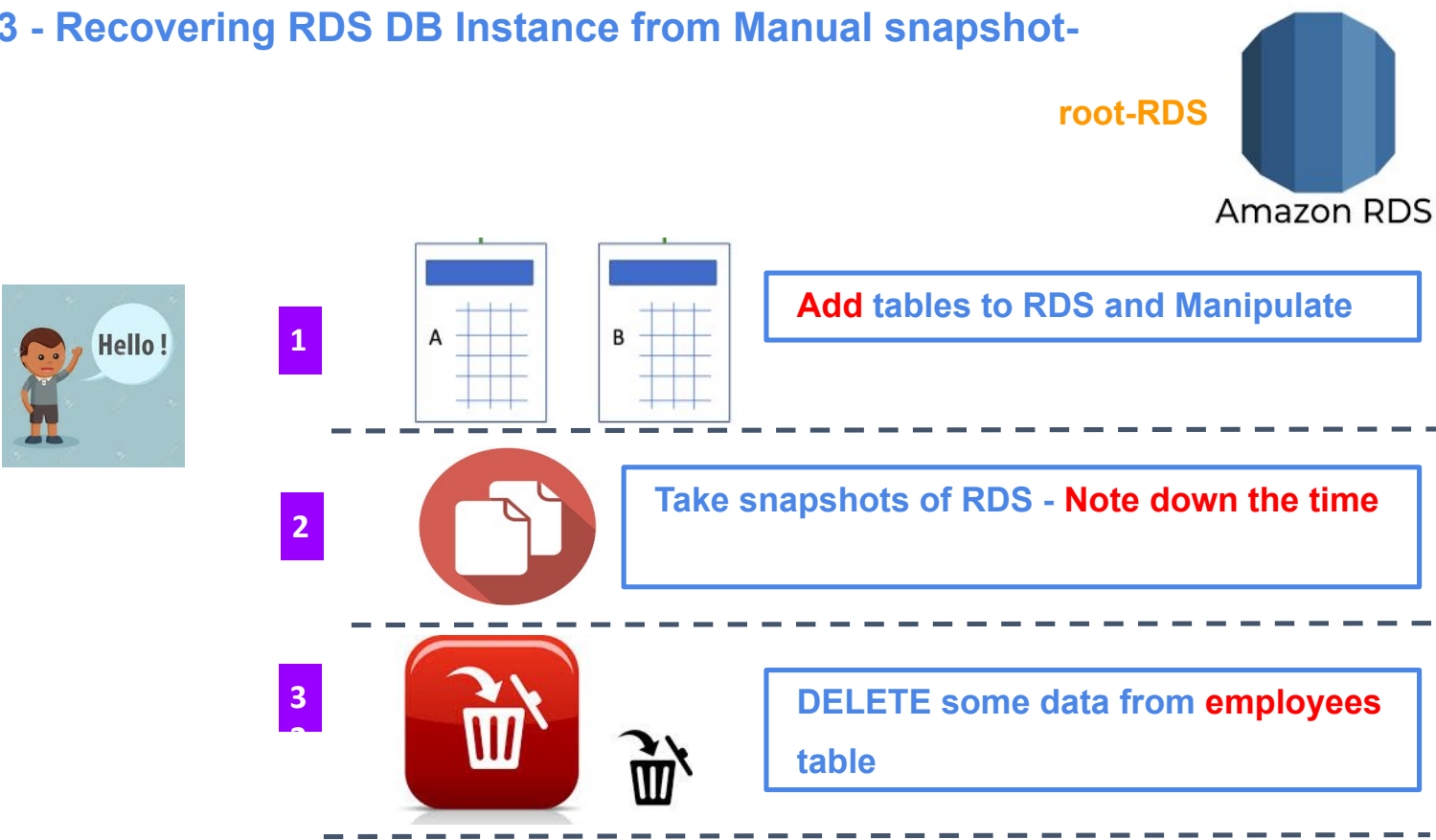
Amazon RDS Backups

Automated Backups

Snapshots

dump

Part 1 - Create RDS Instance

DB instance identifier =root-RDS

Amazon RDS

Master username=admin

Master password: PI123456789

Initial database: clarusway

User   : admin
Database : clarusway
PI123456789

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

Mysql Client

4-root

3306….

22-80

Hello !

20-restore from manuel

Part 3 - Recovering RDS DB Instance from Manual snapshot-

root-RDS

Amazon RDS

Hello !

1 | **Add** tables to RDS and Manipulate

2 | Take snapshots of RDS - **Note down the time**

3 | DELETE some data from **employees table**

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

7 lines

Amazon RDS
root-RDS

Snapshot

Manual snapshot

X

20 lines

**-NEW RDS
-New Endpoint**
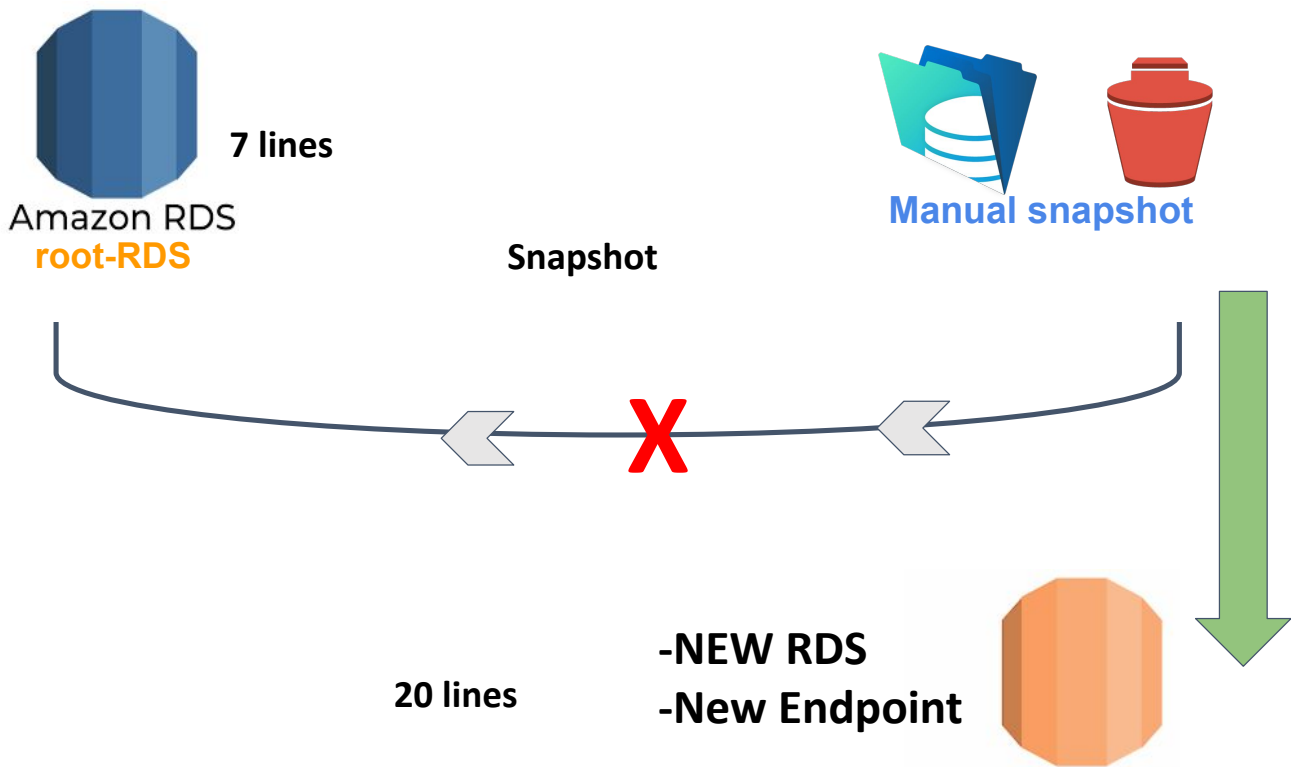
Part -4 Restore from Point in time Recovery- Blueprint

Hello !

Amazon RDS

root-RDS

1 | **Delete** tables/data from RDS again

2 | **Point in time Recovery**
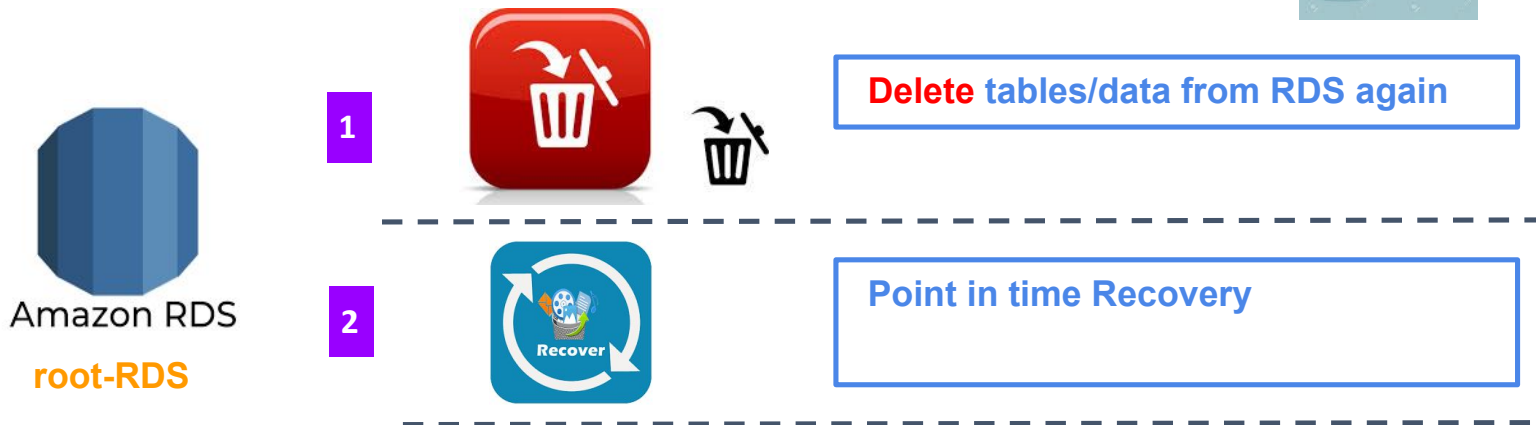
Part 4 Restore from Point in time Process

Amazon RDS

root-RDS

Point in time recovery ~13:20

Recover

X

-NEW RDS
-New Endpoint

Amazon RDS

root-RDS

1
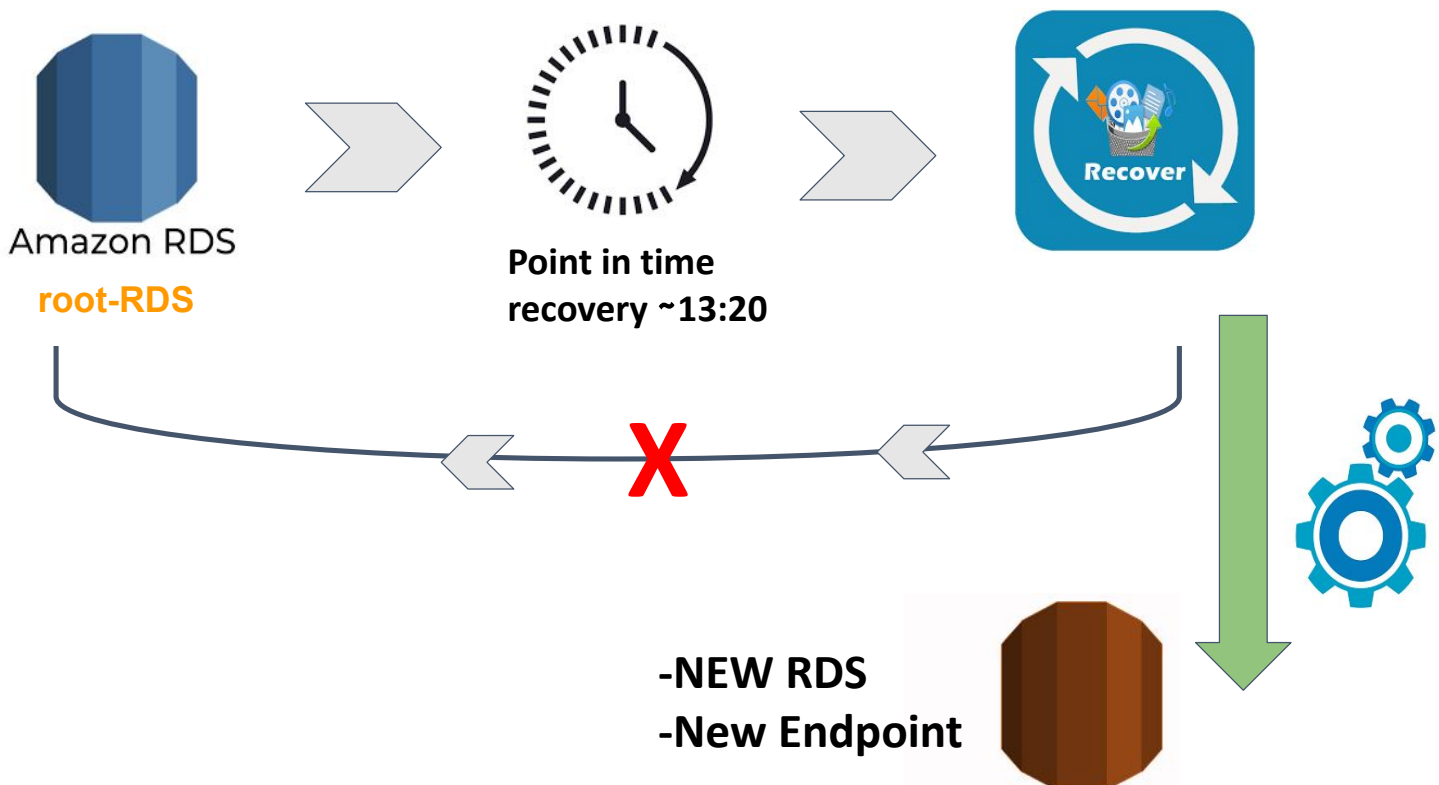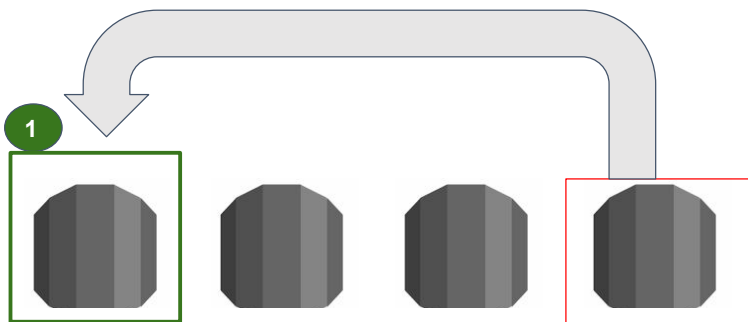
14 JAN 00:01   **15 JAN 00:01**   **16 JAN 00:01**   **17 JAN**

Point in time recovery

DESIRED :
14 JAN 2023 08:30:45 ➡️ Snapshot

➡️ Transaction Logs

2

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

3

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

4

| 26 | 27 | 28 | 29 | 30 |

45   **5**
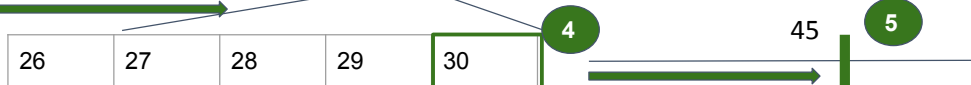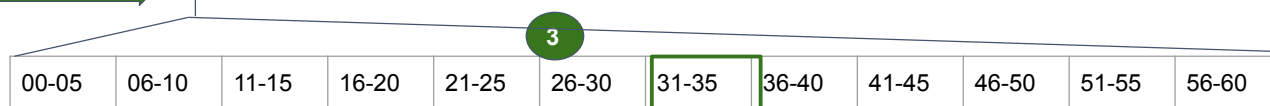
Part 5 - Dumping and Migrating Database

1

Mysql Client

Hello !

2
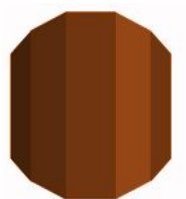
Point in time recovery RDS

there is no absent data-20

3

MySQL
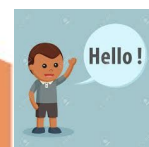
there is no absent data
migrated_clarusway

Amazon RDS
root-RDS-4