

# i2i Academy

## **Training Document**

Торіс	Volt Active Data
Document Name	VOLTDB-EX-03

Document Difficulty Level					
Beginner	Junior	Senior	Expert		

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### **Document History**

Date	Author	Ver	Comments
05.03.2025	Mennan Tekbir	1.0	Initial Draft
05.03.2025	Mehmet Erdem Önal	1.1	Revisions

#### **Volt Active Data**

#### **Exercise VOLTDB -EX-03:**

**Definiton:** Connect VoltDB instance that you have created in the *VOLTDB -EX-03* exercise from <u>DBeaver</u>. In order to connect VoltDB from DBeaver, you should create a new database driver ( Database → Driver Manager menu ) and download VoltDB client jar from maven <u>repo</u>. Create sample table and insert some rows as shown below. Please also connect VoltDB <u>UI</u> from 55004 port ( you can inspect port mappings via docker ps command. )

**Note:** If you did not get a cloud machine previously, you may simply run it on your local machine.

#### **Sample Table Creation, and Row Insertion:**

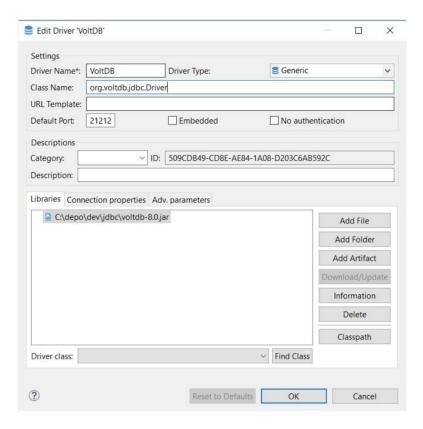
```
create table mth3902 (
id bigint not null,
start_date_epoch bigint,
create_user varchar(32),
constraint mth3902_pk primary key(id)
);
partition table mth3902 on column id;
--- dr table mth3902;
insert into mth3902 ( id, start_date_epoch, create_user ) values ( 1, 1698295044, 'MENNAN');
insert into mth3902 ( id, start_date_epoch, create_user ) values ( 2, 1698295088, 'ERKUT');
select * from mth3902 limit 1;
```

#### **Connecting to VoltDB**

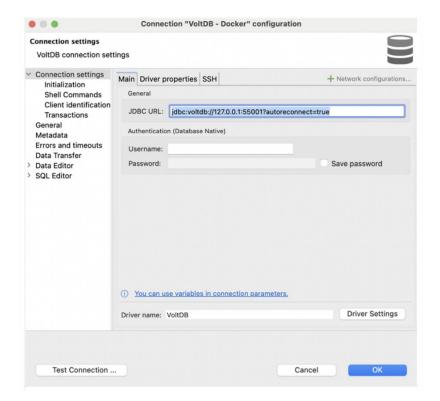
```
\verb|sqlcmd --servers=local| host --port=21212|
```

Hint: Voltdb Quick Start

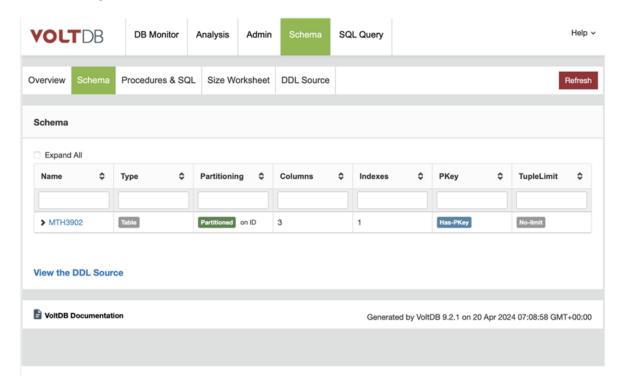
#### **DBeaver Driver Setup**



#### **DBeaver Connection Details**

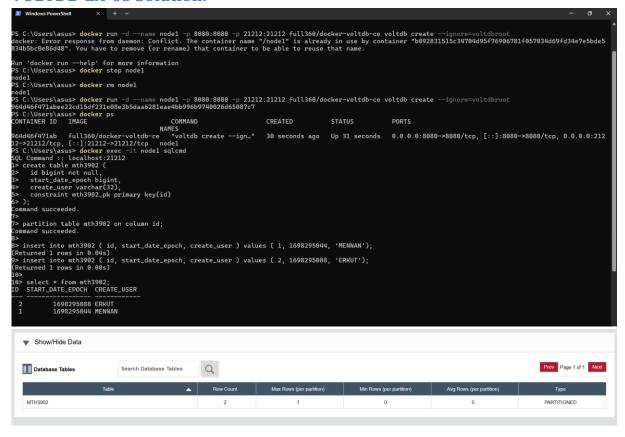


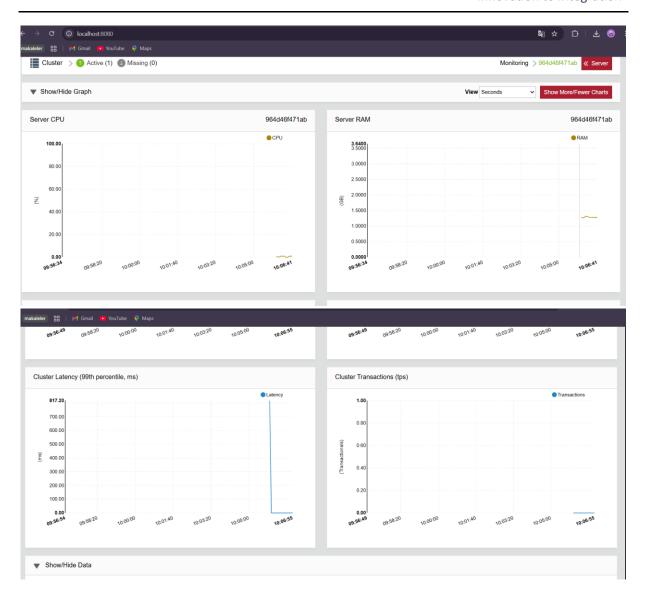
#### **VoltDB Management Center**



Please provide screenshots to show your work.

#### **VOLTDB-EX-03 Solution:**







You may provide screenshots here to show your work					

Your Answer: