

i2i Academy

Training Document

Topic	Volt Active Data
Document Name	VOLTDB-EX-02

Document Difficulty Level			
Beginner	Junior	Senior	Expert
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Document History

Date	Author	Ver	Comments
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05.03.2025	Mehmet Erdem Önal	1.1	Revisions

Volt Active Data

Exercise VOLTDB -EX-02:

Definiton: pull & run voltdb container from docker hub in your GCP or AWS cloud machine. (You can use voltdb community [docker- repo](#)). For being more practical, you can run in your local machine first, and then, you can switch to cloud machine.

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

Commands for Running VoltDB:

```
docker pull voltdb/voltdb-community
```

```
docker run -P -e BUSY_COUNT=1 -e HOSTS=node1 --name=node1 --  
network=voltLocalCluster voltdb/voltdb-community:latest
```

Hint: [Voltdb Quick Start](#)

Please provide screenshots to show your work.

VOLTDB-EX-02 Solution:

```

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\asus> docker pull full360/docker-voltdb-ce
Using default tag: latest
latest: Pulling from full360/docker-voltdb-ce
620b5227cf38: Pull complete
5f444d070427: Pull complete
5c90d4a2d1a8: Pull complete
ab30c63719b1: Pull complete
3cfd33220efa: Pull complete
c6072700a242: Pull complete
864a98a84dd2: Pull complete
734cc28150de: Pull complete
72cf01ab9143: Pull complete
8c213076f1bc: Pull complete
Digest: sha256:0c4e1875b56f5da77503e166bd57f92a69c1ecd17f5b8ebafb48b6b28a9048
Status: Downloaded newer image for full360/docker-voltdb-ce:latest
docker.io/full360/docker-voltdb-ce:latest
PS C:\Users\asus> docker network create voltLocalCluster
2e2691681d50f71c84249788510f20477afe2ad0f05a4e7a58f2df5fc0765a17
PS C:\Users\asus> docker run -d -e BUSY_COUNT=1 -e HOSTS=node1 --name=node1 --network=voltLocalCluster full360/docker-voltdb-ce
b092831515c34704d95f76906781f057034d69fd34e7e5bde5834b5bc0e86d48
PS C:\Users\asus> docker ps
CONTAINER ID   IMAGE                                COMMAND                  NAMES
b092831515c3   full360/docker-voltdb-ce           "voltdb create --ign..."  node1
5555/tcp, 7181/tcp, 8080/tcp, 9090/tcp, 21211-21212/tcp
PS C:\Users\asus>
  
```

Your Answer:

You may provide screenshots here to show your work...