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| **Topic** | Volt Active Data |
| **Document Name** | VOLTDB-EX-02 |
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| **Document Difficulty Level** | | | |
| **Beginner** | **Junior** | **Senior** | **Expert** |
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# Document History

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| 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-02:

**Definiton:** pull & run voltdb container from docker hub in your GCP or AWS cloud machine. (You can use voltdb community [docker- repo](https://hub.docker.com/r/voltdb/voltdb-community) ). 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](https://www.youtube.com/watch?v=1EkWP6Gu3VY)

Please provide screenshots to show your work.

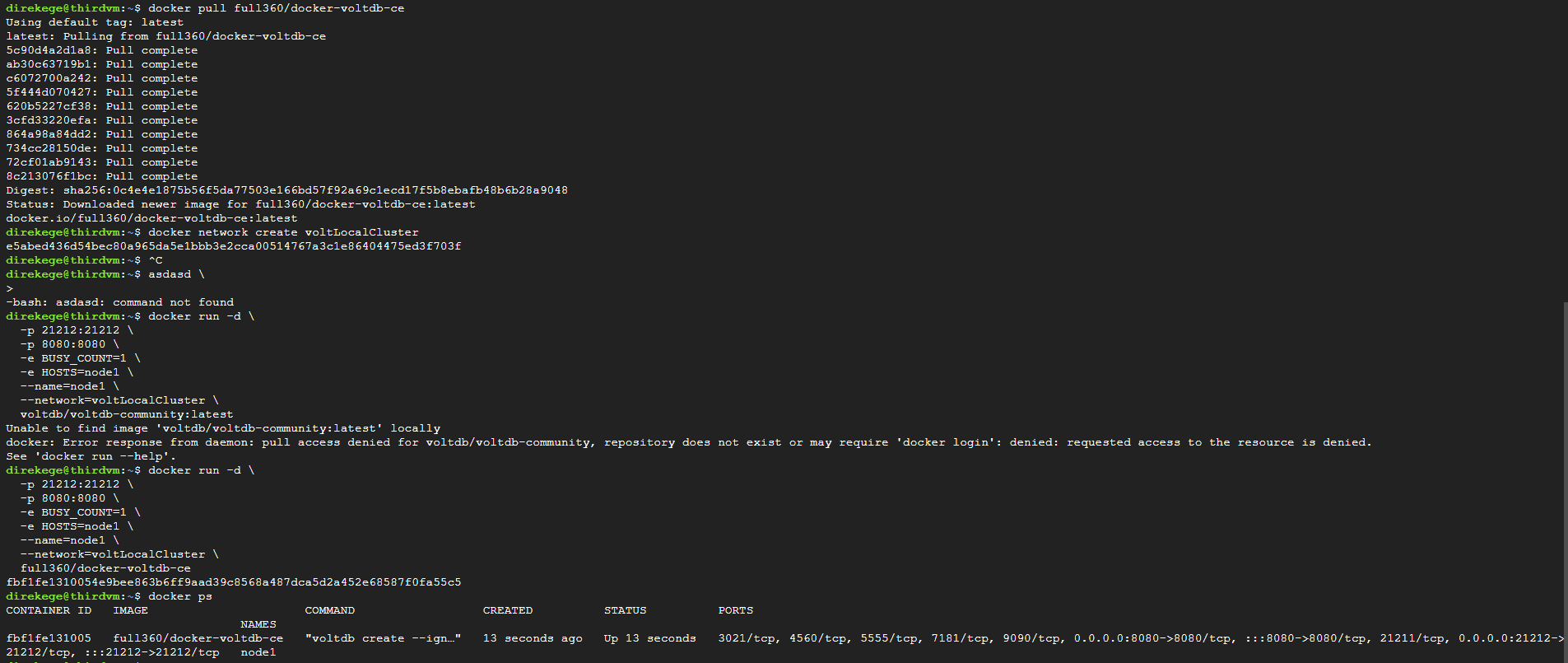
## VOLTDB-EX-02 Solution:

**Your Answer:**

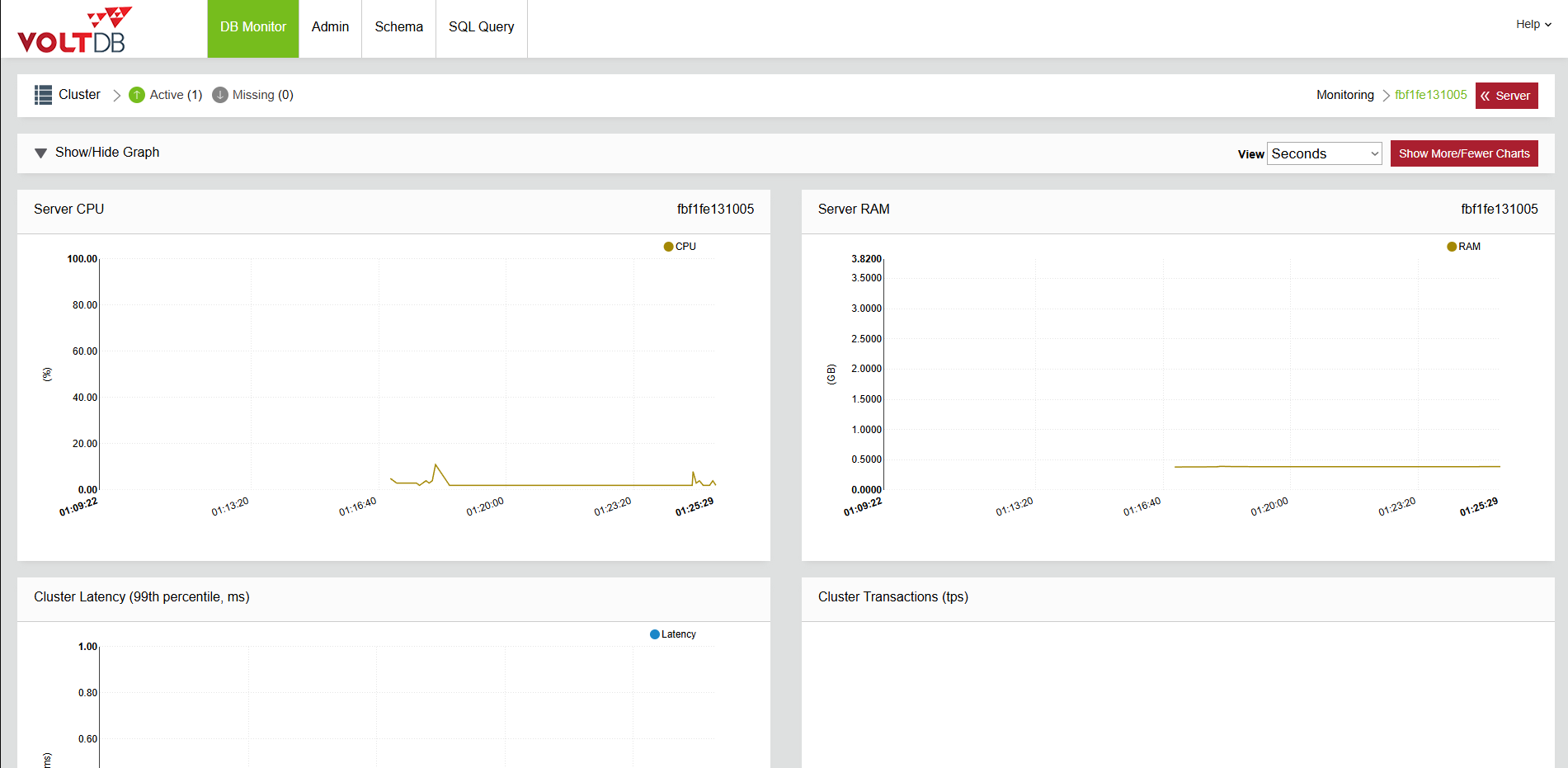
**EGE DiREK**

**Steps:**

**1- For pull and run VoltDB in our virtual machine type these in your terminal.**

[](https://private-user-images.githubusercontent.com/209494583/462841905-efe686e0-1a2f-4a30-af6c-d591ccc5e8c4.png?jwt=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJnaXRodWIuY29tIiwiYXVkIjoicmF3LmdpdGh1YnVzZXJjb250ZW50LmNvbSIsImtleSI6ImtleTUiLCJleHAiOjE3NTE3NTQ2NzEsIm5iZiI6MTc1MTc1NDM3MSwicGF0aCI6Ii8yMDk0OTQ1ODMvNDYyODQxOTA1LWVmZTY4NmUwLTFhMmYtNGEzMC1hZjZjLWQ1OTFjY2M1ZThjNC5wbmc_WC1BbXotQWxnb3JpdGhtPUFXUzQtSE1BQy1TSEEyNTYmWC1BbXotQ3JlZGVudGlhbD1BS0lBVkNPRFlMU0E1M1BRSzRaQSUyRjIwMjUwNzA1JTJGdXMtZWFzdC0xJTJGczMlMkZhd3M0X3JlcXVlc3QmWC1BbXotRGF0ZT0yMDI1MDcwNVQyMjI2MTFaJlgtQW16LUV4cGlyZXM9MzAwJlgtQW16LVNpZ25hdHVyZT1iODZiOTcyNWY5YTVmODVlZDNkY2EwOTJiZDM3NDU3Y2JjM2E0ODg1ODlmZWM0NTczMjY1NTY4MTUyMTE3MTg5JlgtQW16LVNpZ25lZEhlYWRlcnM9aG9zdCJ9.ucMLg0rNbZiHn5qMoay0qvBFWBdtkl-k30gO2INC9x4)

**2- You can check your container and image if its created. If it is created type *http://[VM\_EXTERNAL\_IP]:8080* in your web browser and you should see VoltDB Management Center screen.**

[](https://private-user-images.githubusercontent.com/209494583/462842088-7e185945-08a1-4203-9163-95dc1a87e3e1.png?jwt=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJnaXRodWIuY29tIiwiYXVkIjoicmF3LmdpdGh1YnVzZXJjb250ZW50LmNvbSIsImtleSI6ImtleTUiLCJleHAiOjE3NTE3NTQ2NzEsIm5iZiI6MTc1MTc1NDM3MSwicGF0aCI6Ii8yMDk0OTQ1ODMvNDYyODQyMDg4LTdlMTg1OTQ1LTA4YTEtNDIwMy05MTYzLTk1ZGMxYTg3ZTNlMS5wbmc_WC1BbXotQWxnb3JpdGhtPUFXUzQtSE1BQy1TSEEyNTYmWC1BbXotQ3JlZGVudGlhbD1BS0lBVkNPRFlMU0E1M1BRSzRaQSUyRjIwMjUwNzA1JTJGdXMtZWFzdC0xJTJGczMlMkZhd3M0X3JlcXVlc3QmWC1BbXotRGF0ZT0yMDI1MDcwNVQyMjI2MTFaJlgtQW16LUV4cGlyZXM9MzAwJlgtQW16LVNpZ25hdHVyZT1jMzE0OThmZDhlNzc2YjUxMzM2OGU4ZTIwMjllNzYwNTgyNjJlYmQ2ODJjYzZjNTc0NTMwM2EzOGM0Mjg0MTJlJlgtQW16LVNpZ25lZEhlYWRlcnM9aG9zdCJ9.HlzGCdOciJF8h94QIngHyOzxMqYWulqrOdeOFp91598)