

Working with Volumes and Persistent Data



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Non-persistent

*Here today, gone
tomorrow!*

**Persistent
&
Changeable**

Volumes!

Immutable

No tampering!



Module Outline



Big Picture

Managing Volumes

Working with Volumes

Recap





Domain 1: Orchestration

- Mount volumes

Domain 6: Storage and Volumes

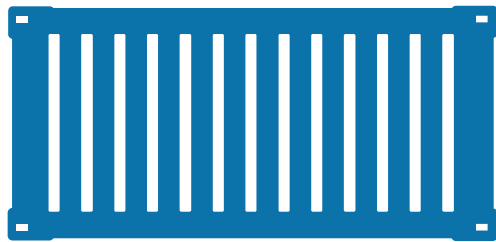
- Describe how volumes are used with Docker for persistent storage



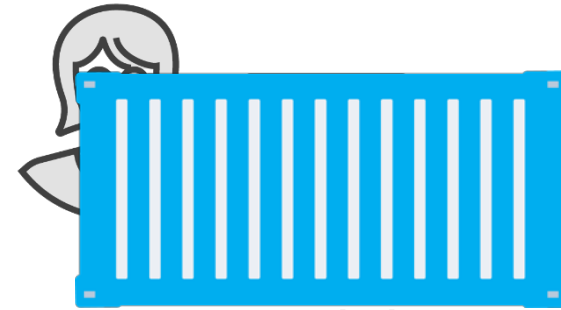
The Big Picture

Laying the foundation

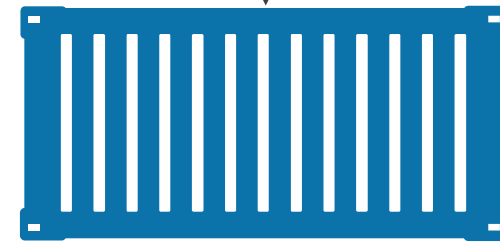




Non-persistent



Login and change



Immutable





Persistent



Non-persistent



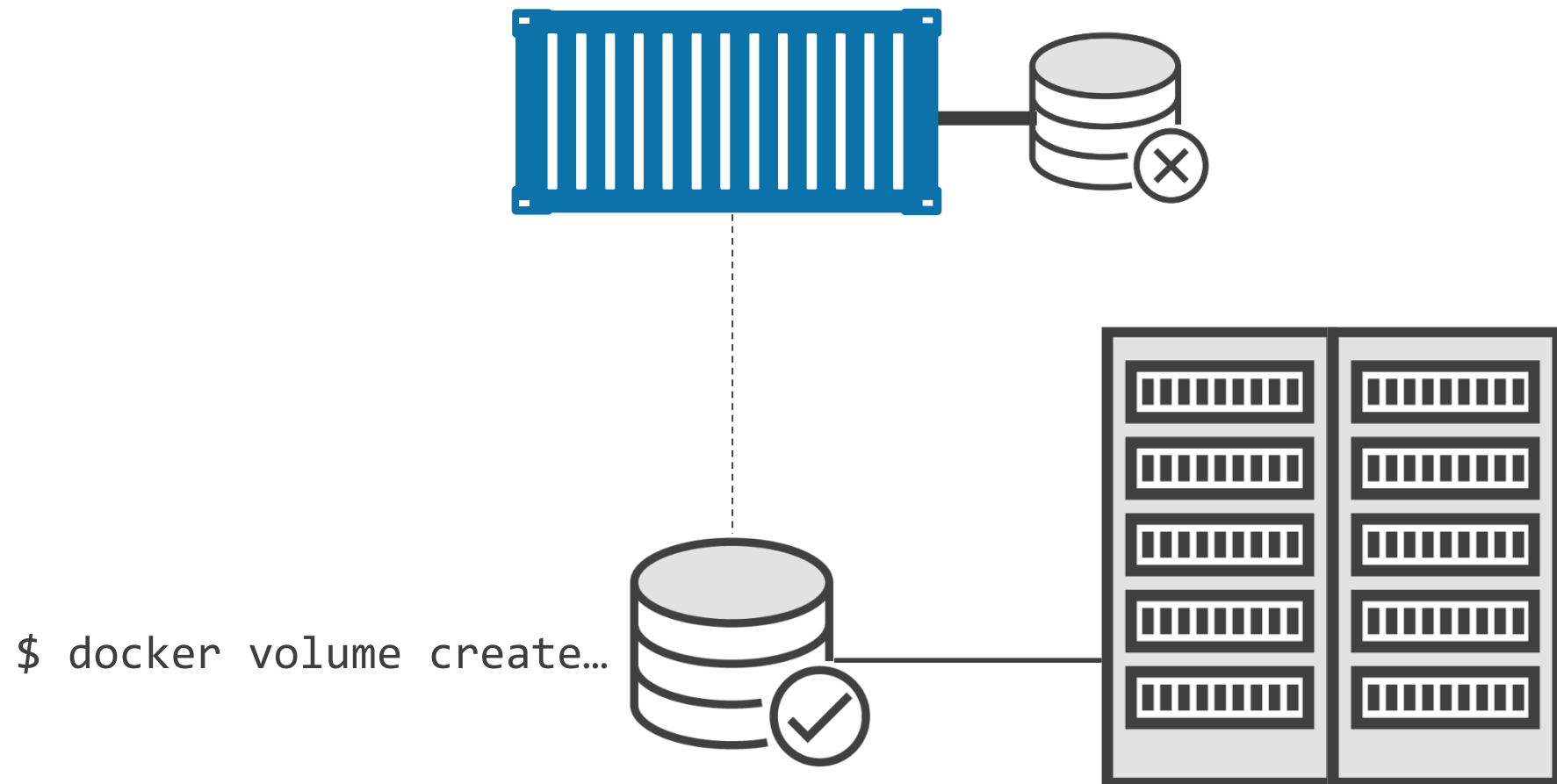


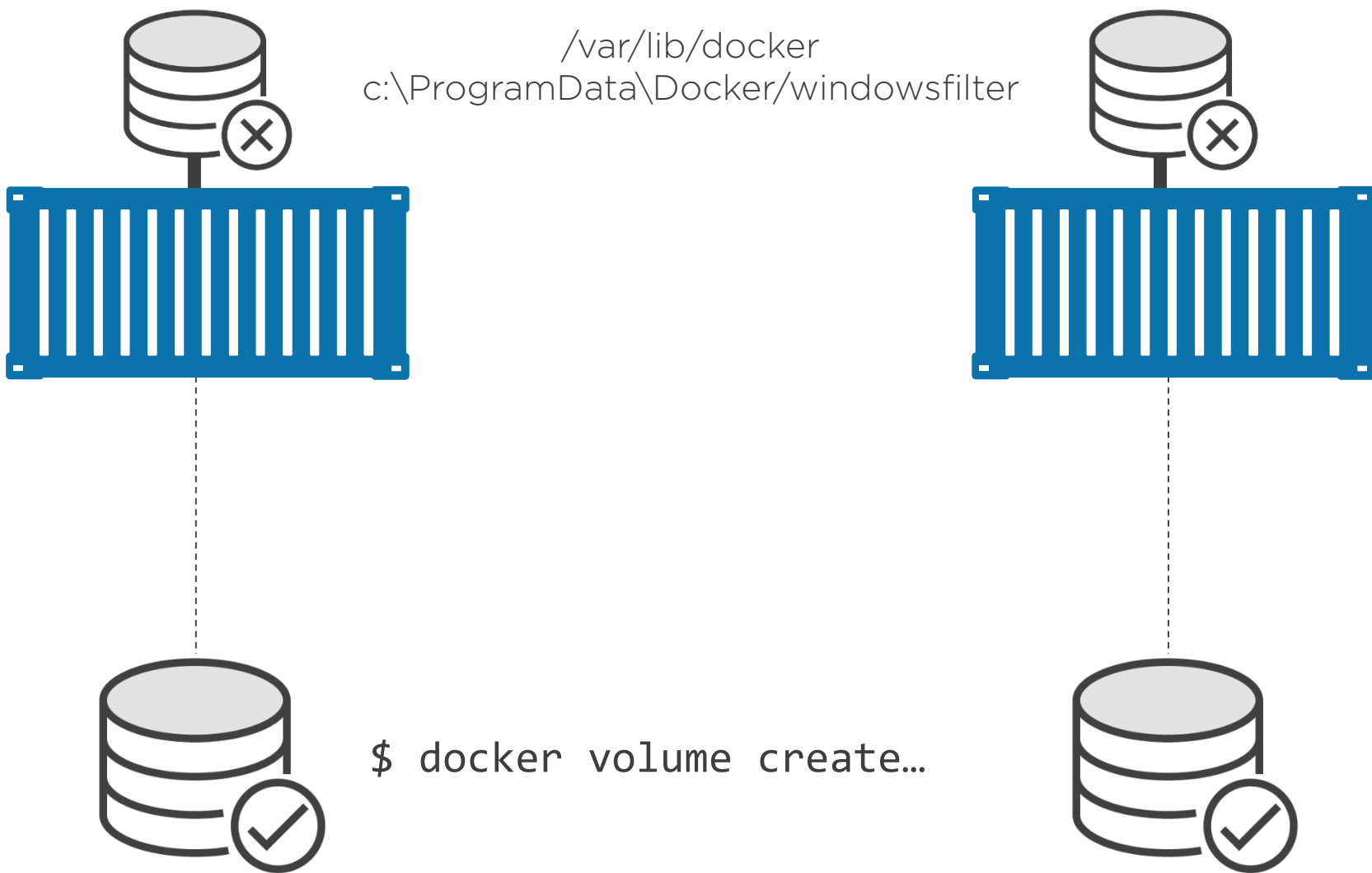
Persistent

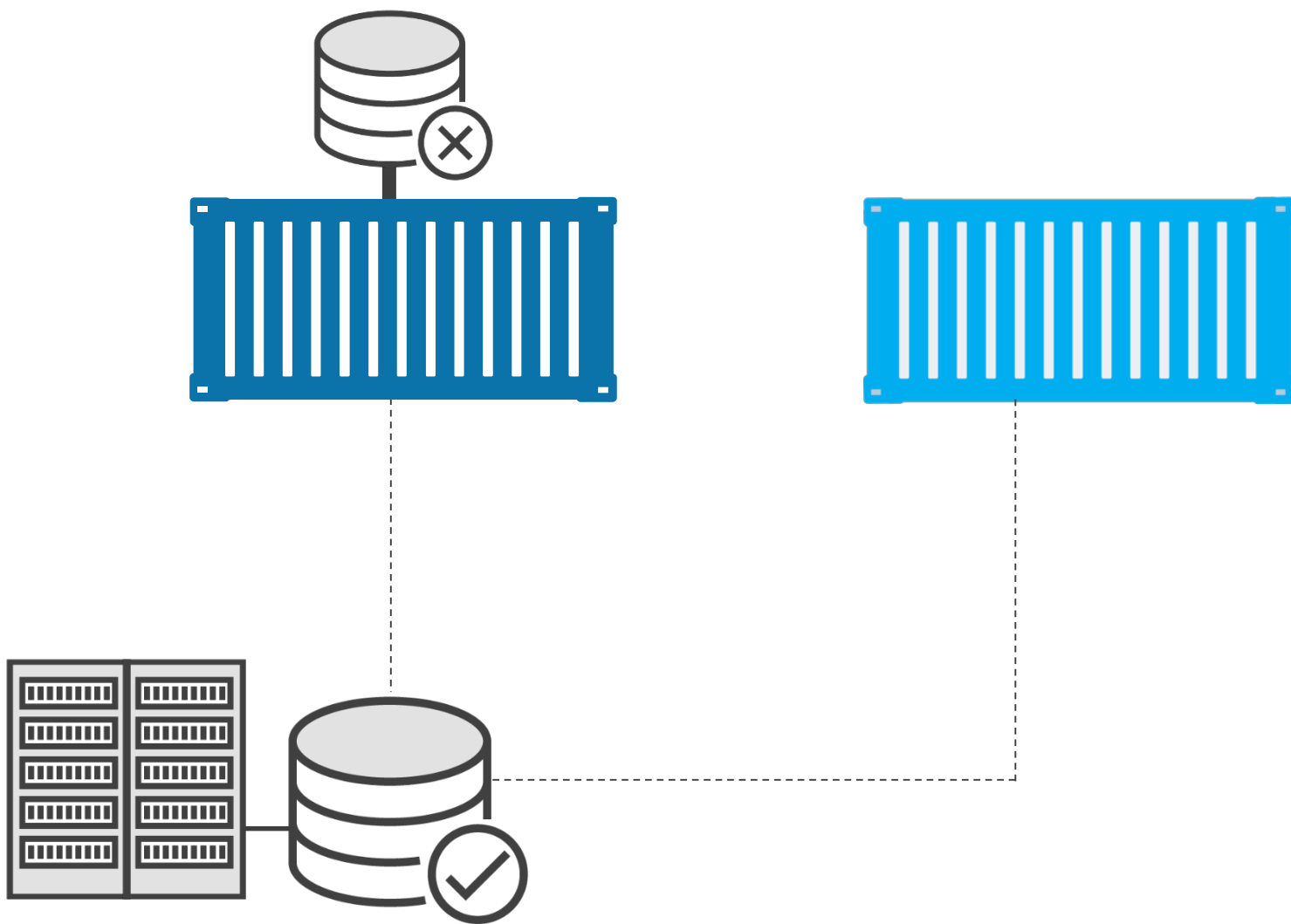


Non-persistent







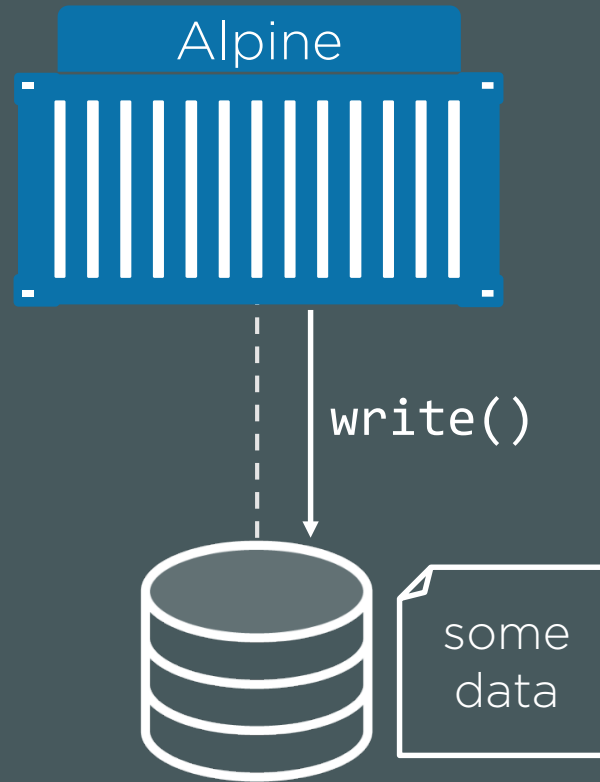


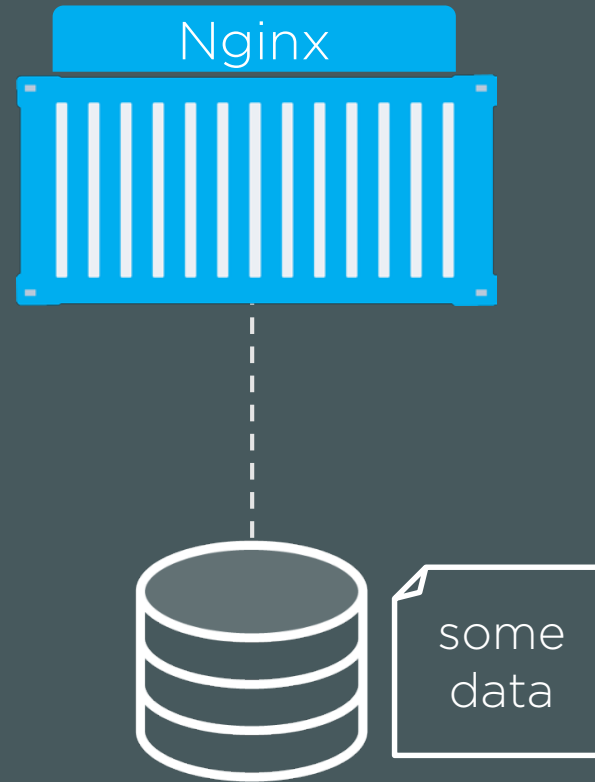
Managing Volumes

The docker volume command

Attaching Volumes to Containers

Easy as pie!

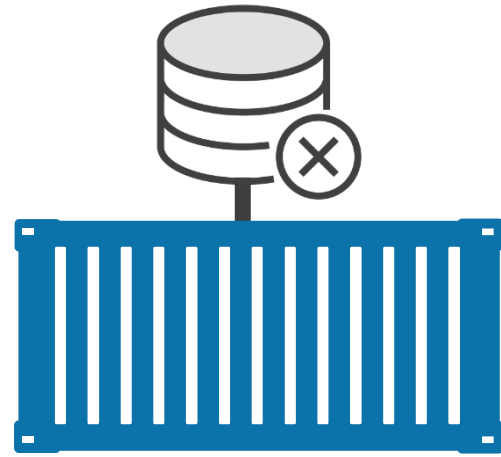


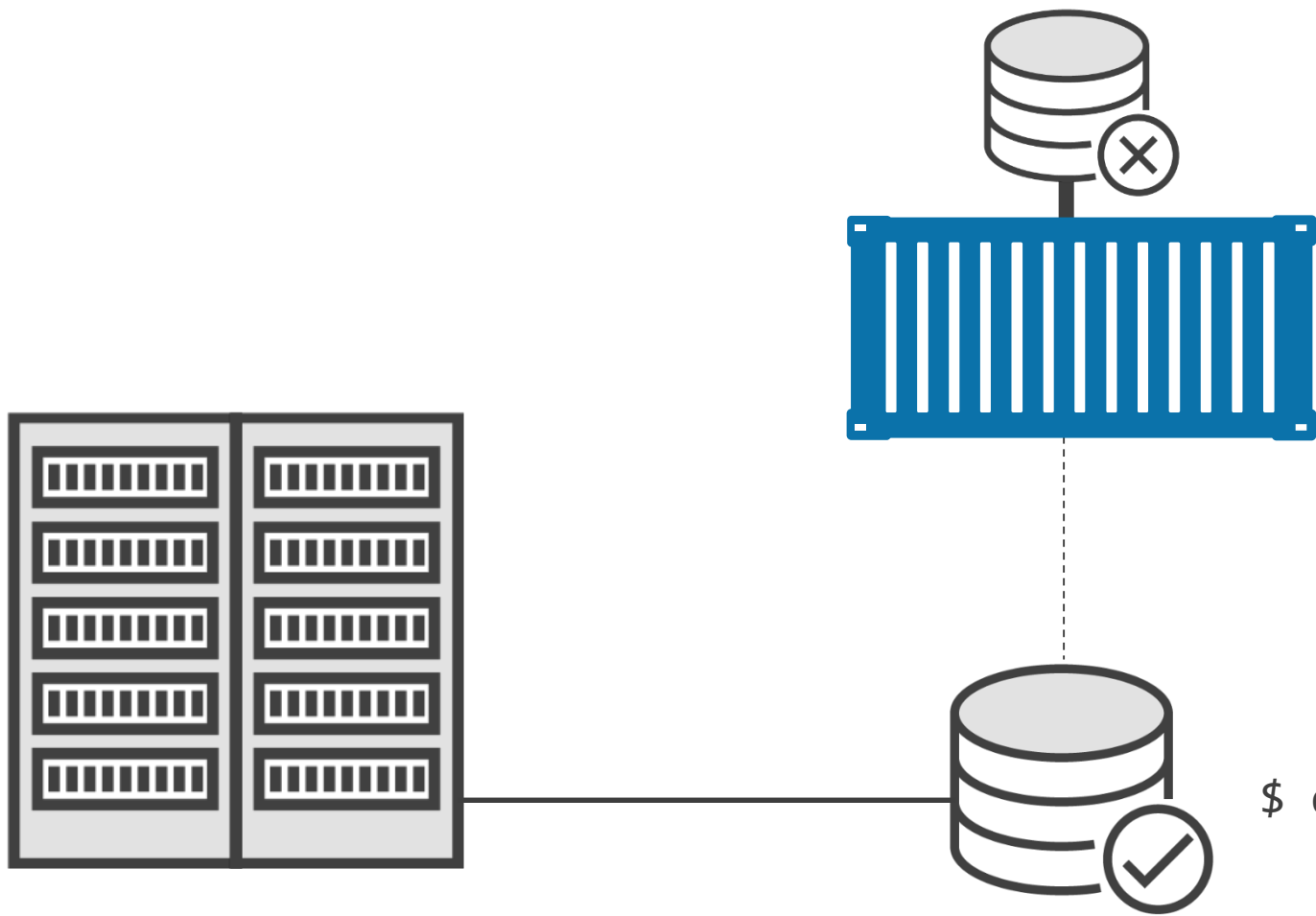


Recap

Making the learning persist







```
$ docker volume create | ls | inspect...
```



Coming up

NEXT MODULE

Working with Secrets

