

# Persistent Data and Volumes



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# Containers Are Great At...

**Stateless**

**Immutable**

**Stateful**



# Overview/ Summary



Persistence Big Picture

Creating and Managing Volumes

Working with Volumes

Recap



**Up Next:**

# **Persistence Big Picture**

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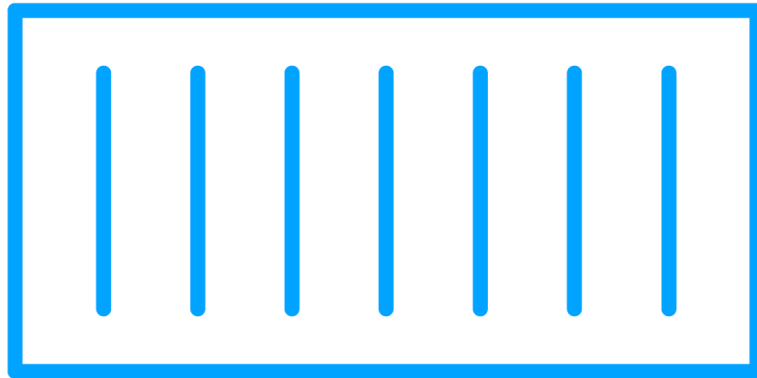




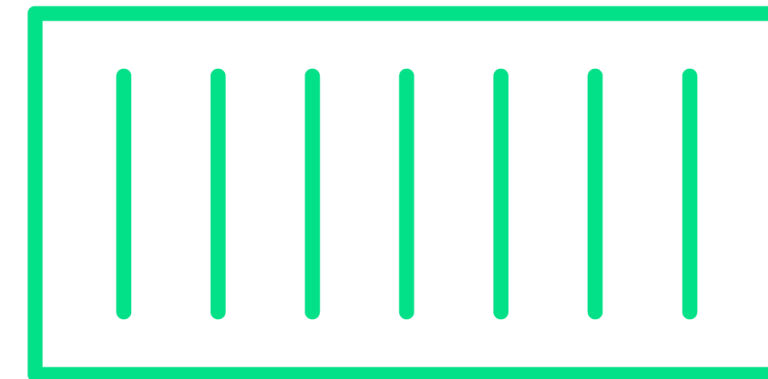
# Persistence Big Picture



# Containers Are Great For...



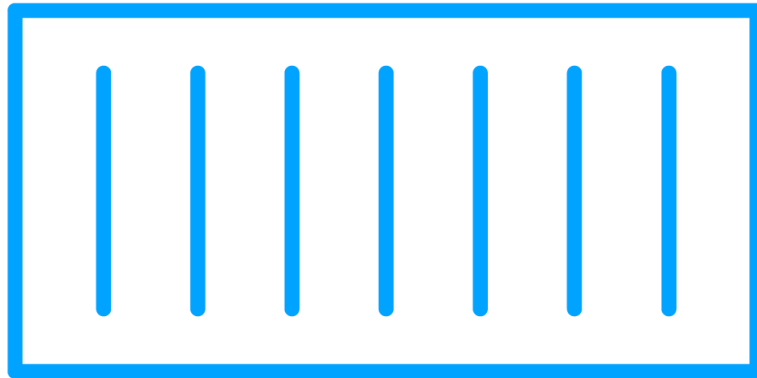
**Non Persistent**  
A.k.a ephemeral/stateless



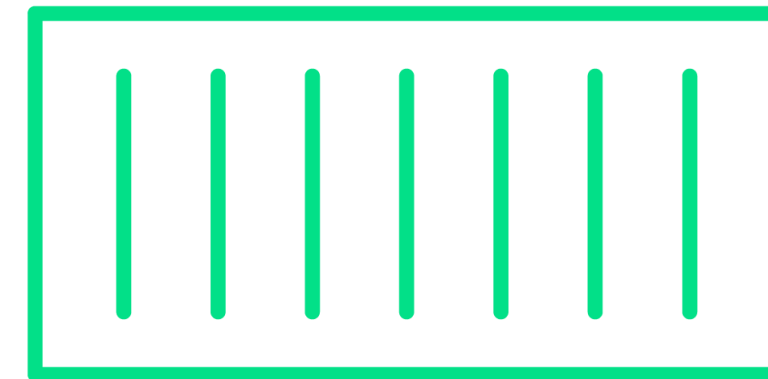
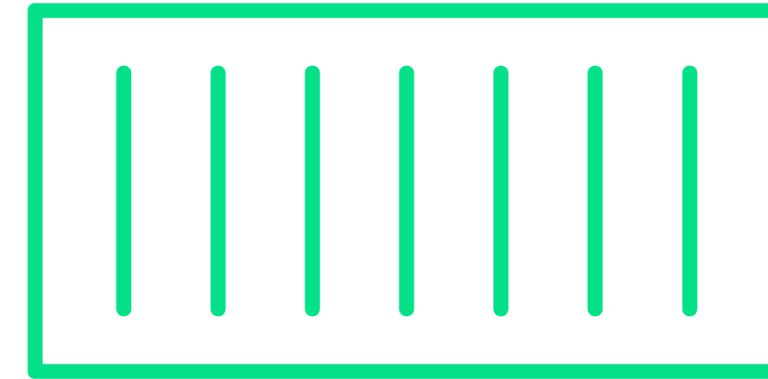
**Immutable**  
Never changes



# Containers Are Great For...

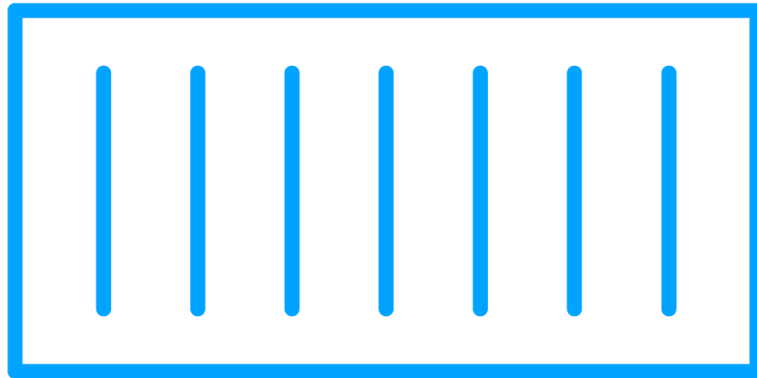


**Non Persistent**  
A.k.a ephemeral/stateless

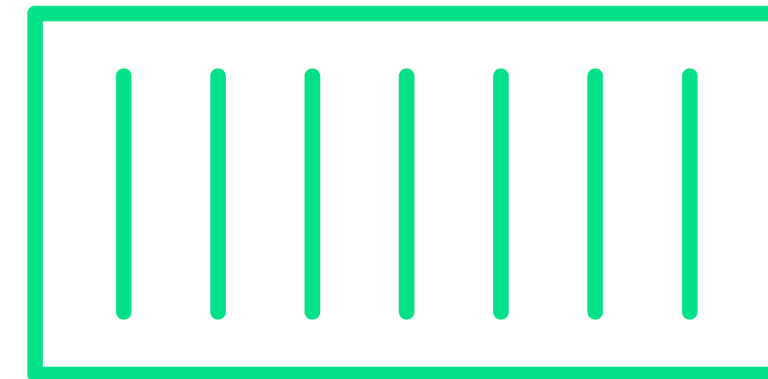


**Immutable**  
Never changes

# Containers Are Great For...



**Non Persistent**  
A.k.a ephemeral/stateless

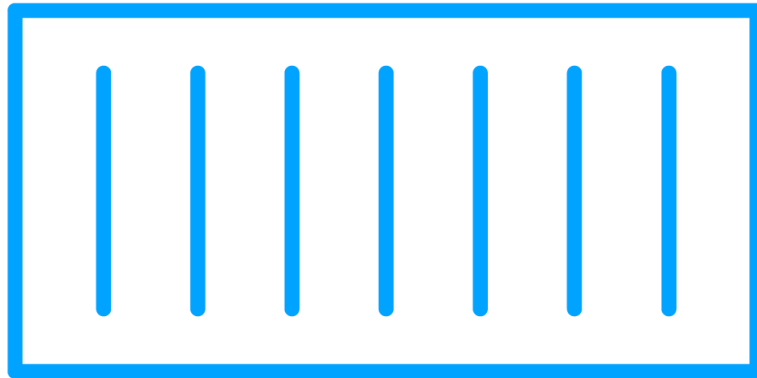


**Immutable**  
Never changes

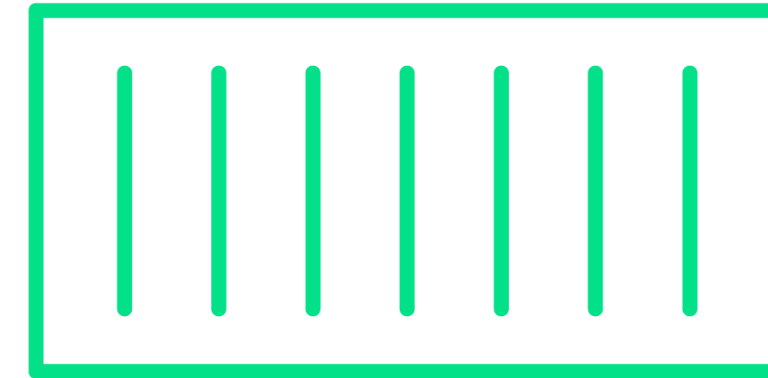




# Containers Are Great For...



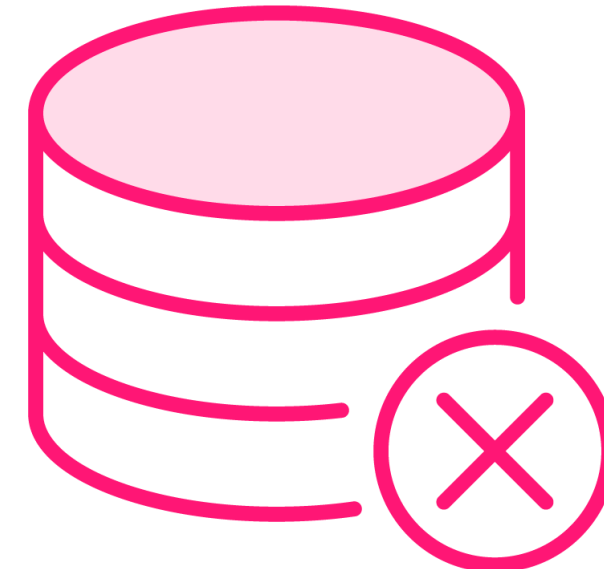
**Non Persistent**  
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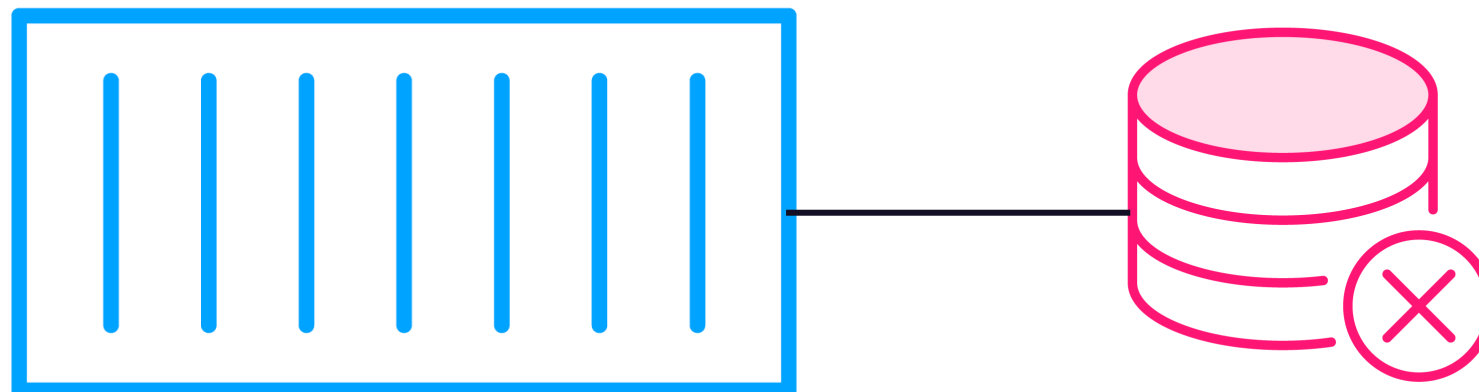
**Immutable**  
Never changes

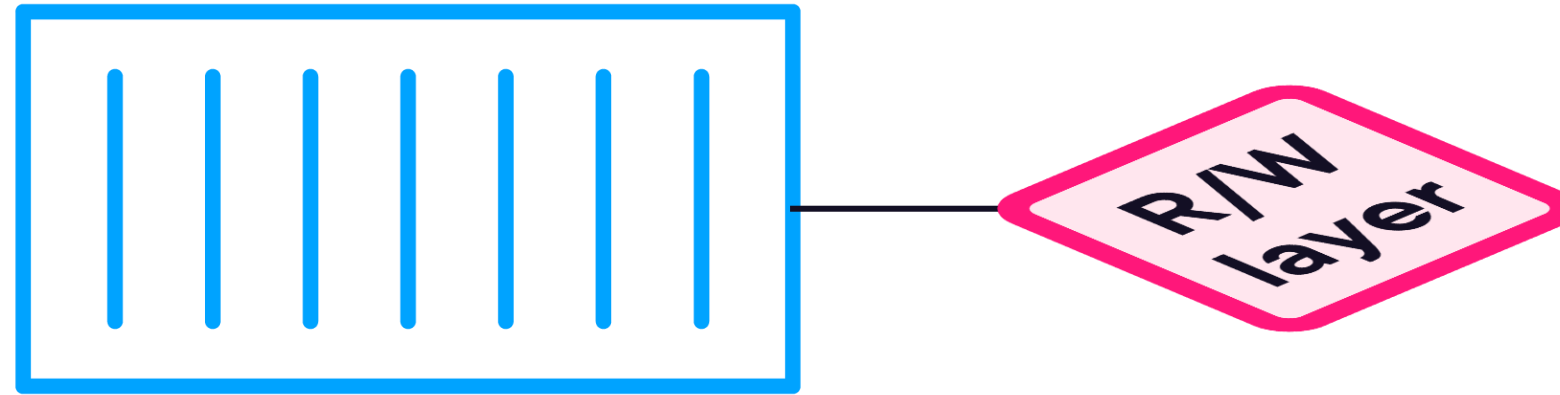


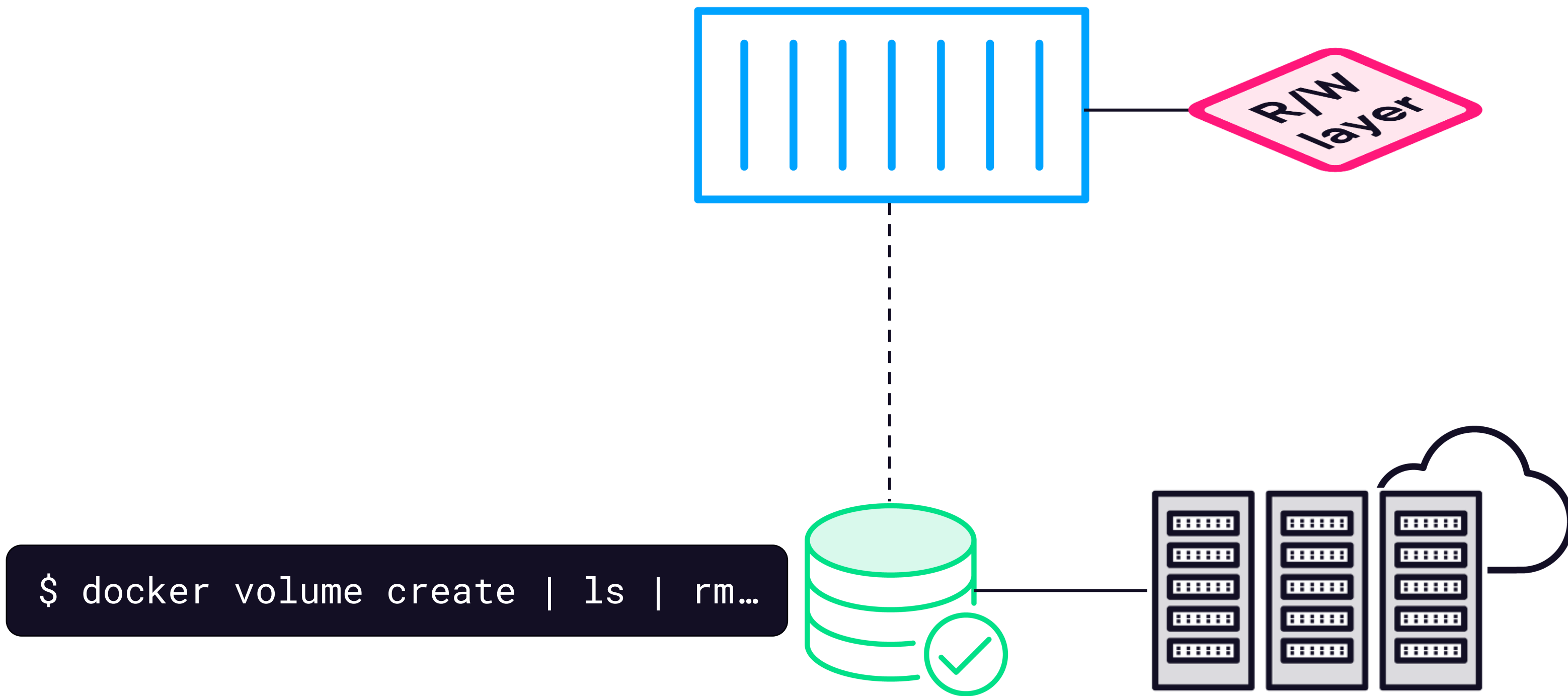
**Persistent**

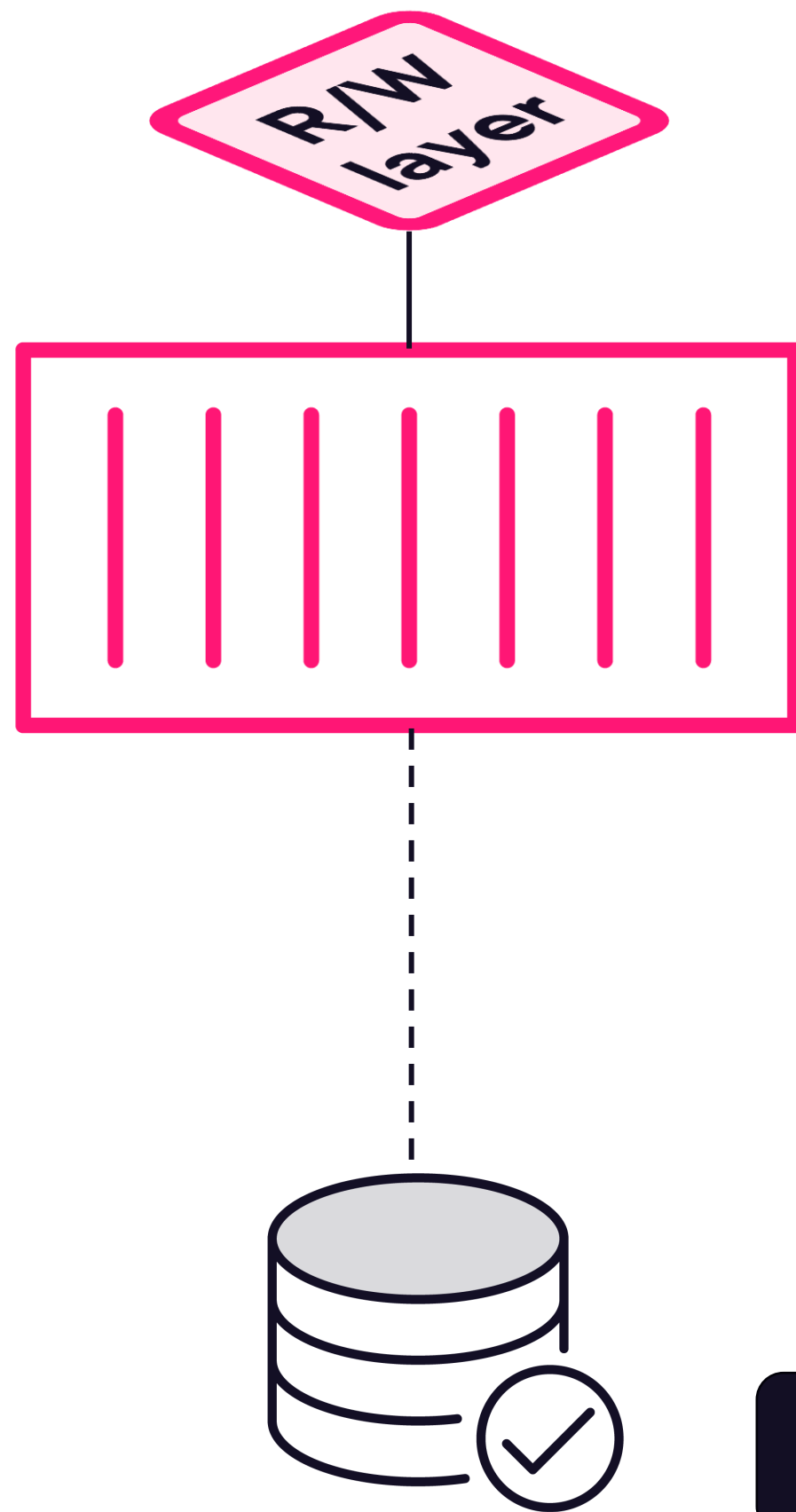


**Non-Persistent**

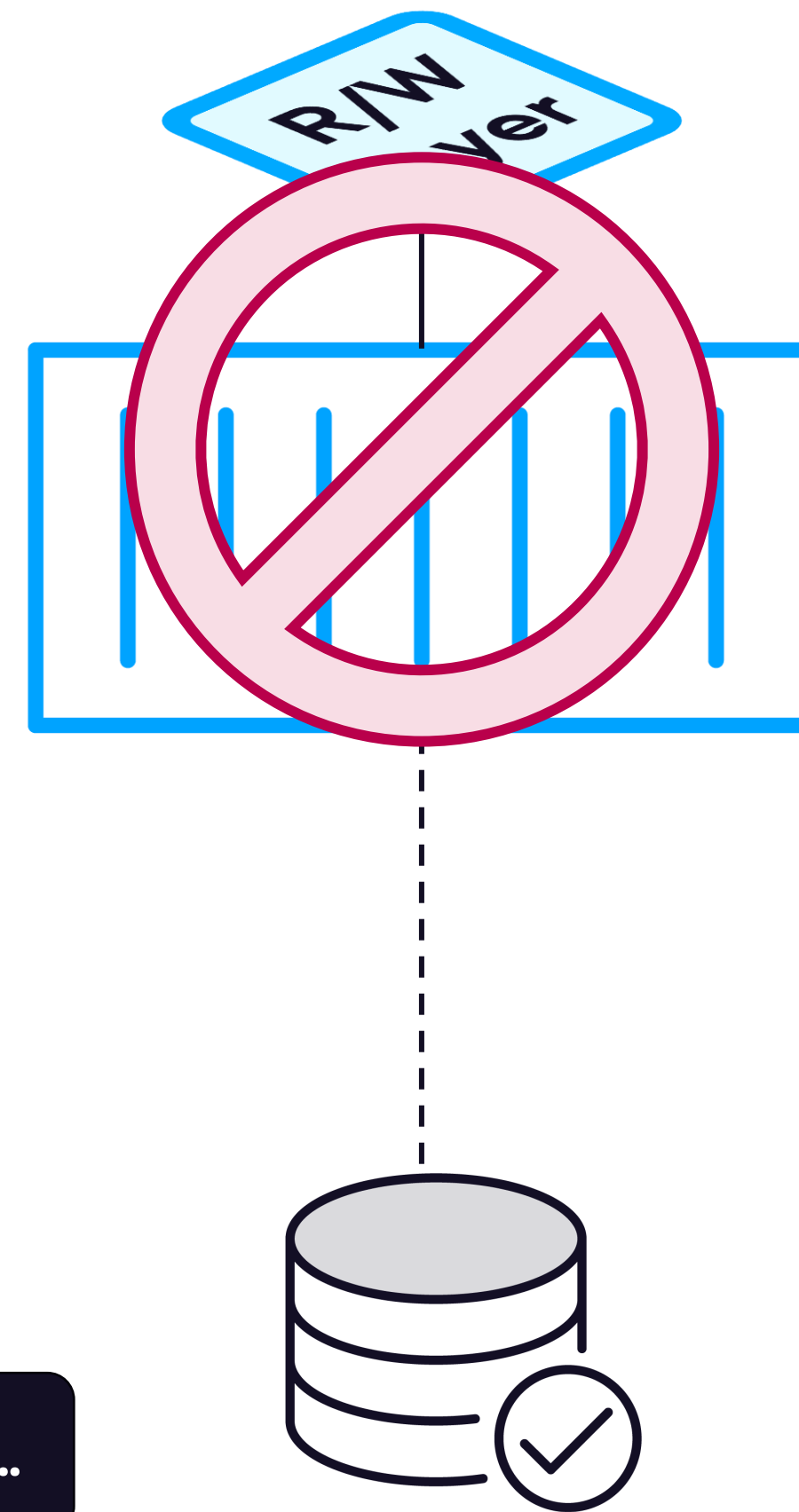


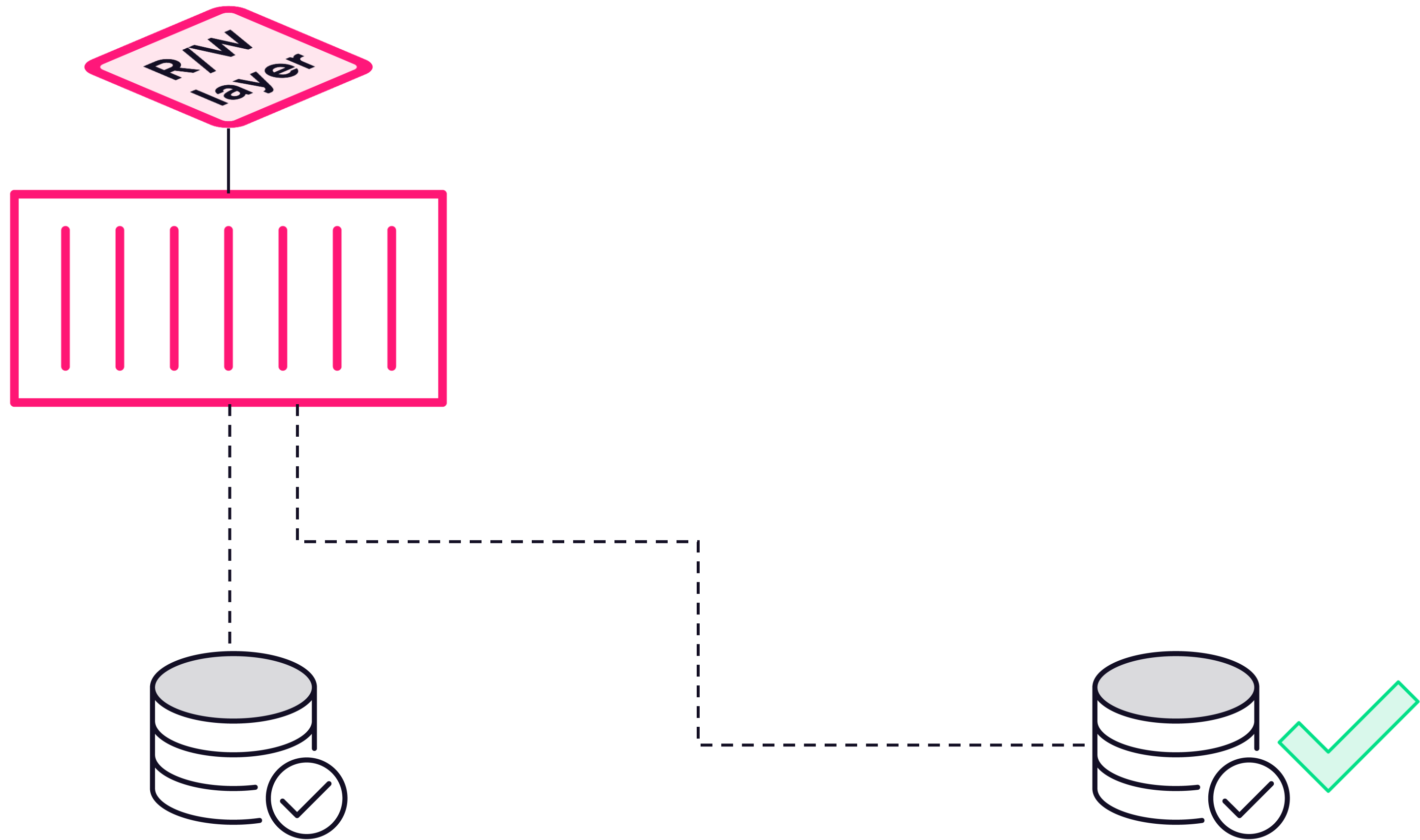






```
$ docker volume create...
```







**Up Next:**

# **Creating and Managing Volumes**

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# Creating and Managing Volumes



**Up Next:**

# **Working with Volumes**

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# Working with Volumes





**Up Next:**

**Recap**

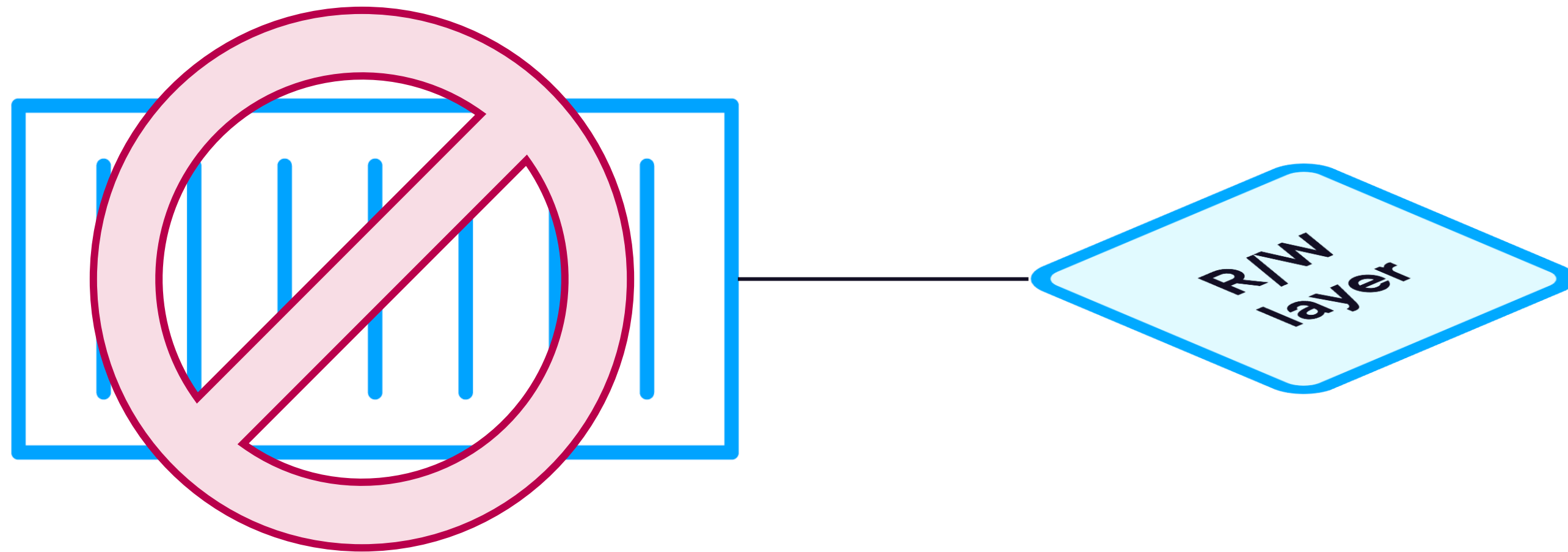
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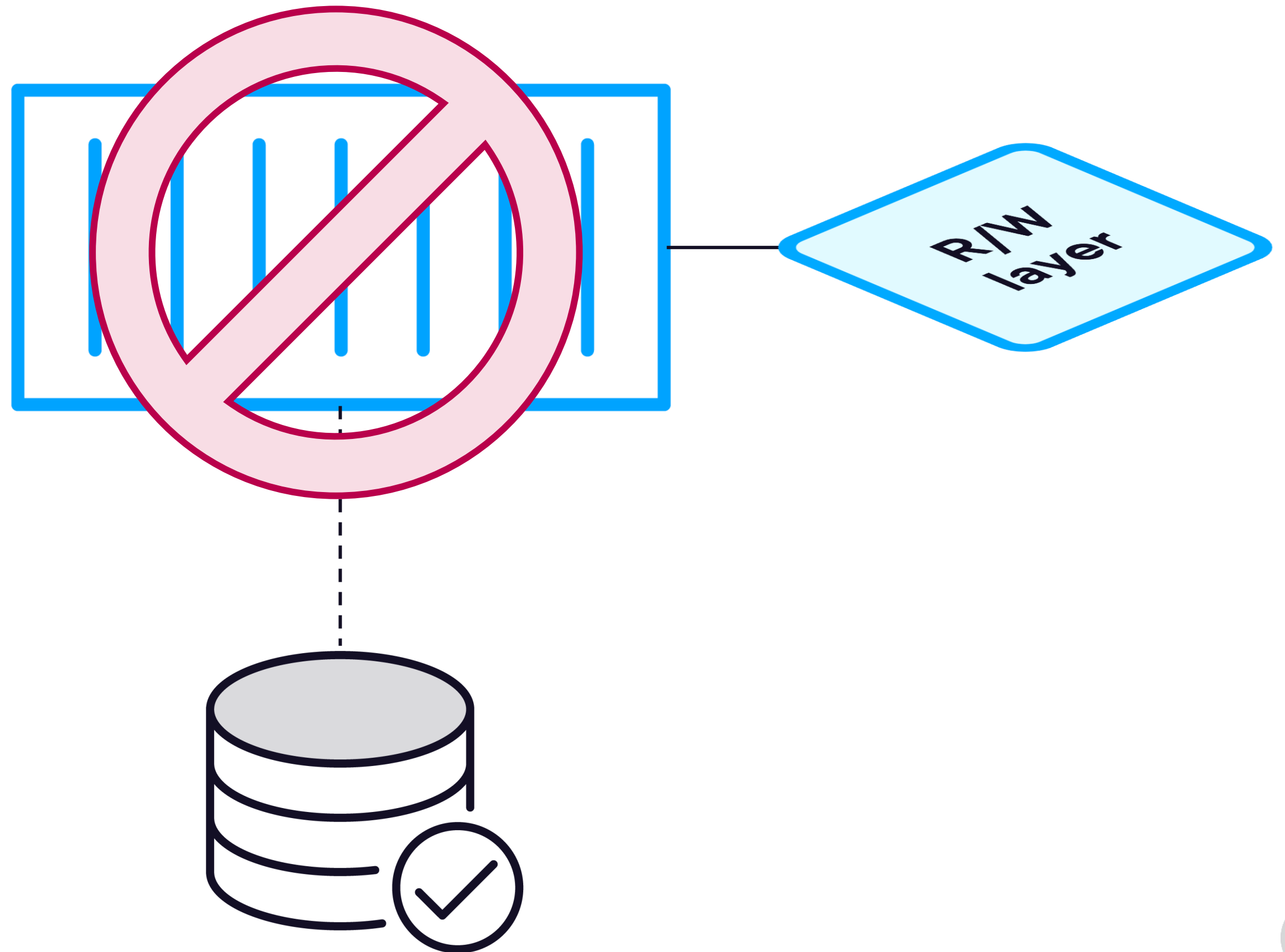


# Recap

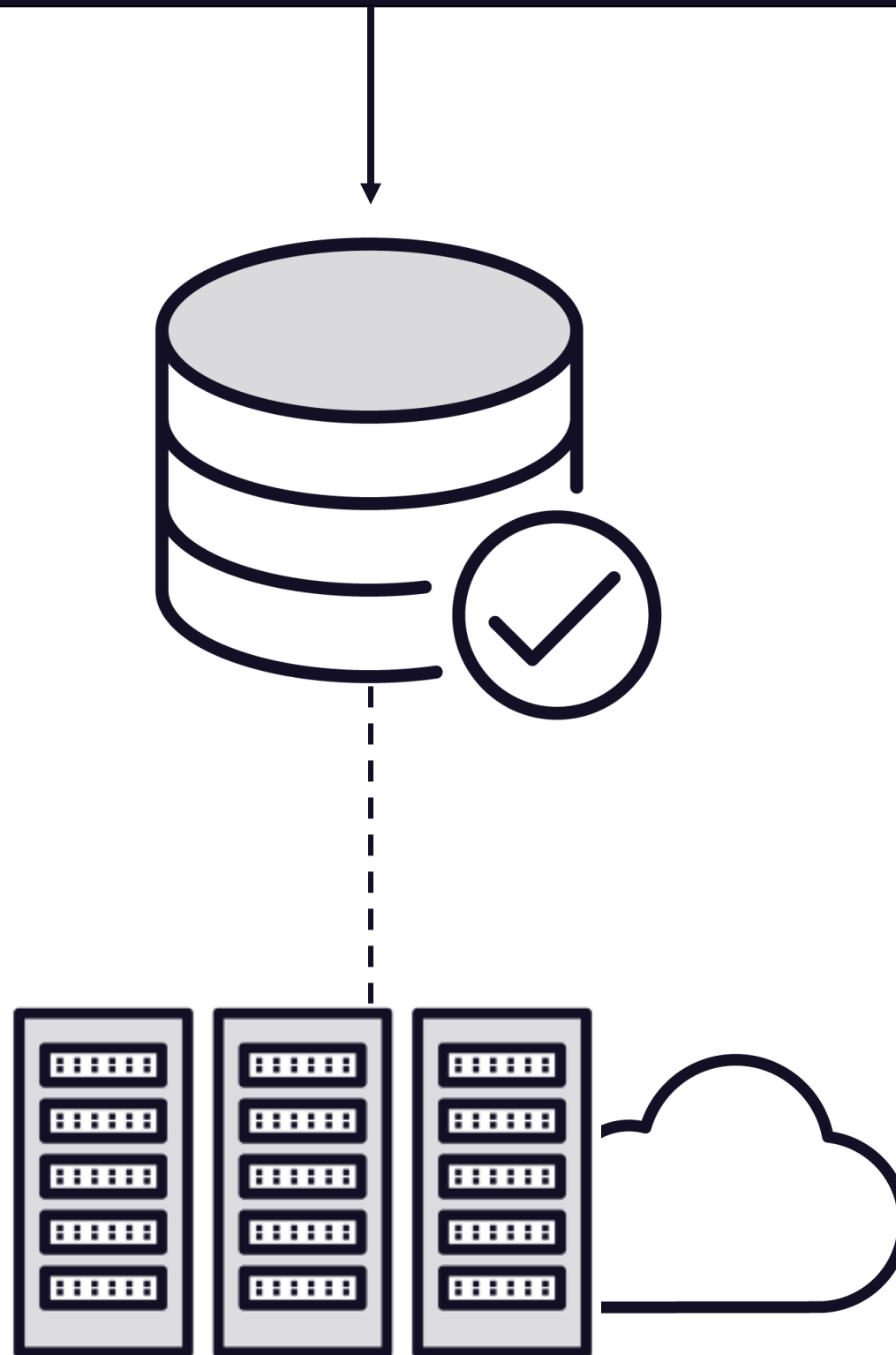








```
$ docker volume create | ls | rm...
```



**Up Next:**

# **Docker Compose**

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