WHAT ARE
DOCKER NETWORKS?

What are Docker Networks?

- Network refers to the way containers communicate with each other.

- Enables containers to discover, connect, and exchange data securely.

- You can create custom networks for more control over networks.

Why Docker Networks Are Important?

- **Container Communication**

  - Allow containers to talk to each other.

- **Isolation**

  - Isolate containers by placing them on separate networks.

- **Service Discovery**

  - Discover containers that have different services running.

- **Flexible Architecture**

  - Helps build complex microservices architectures

3 Main Types of Docker Networks

- **Bridge**

- **Host**

- **None**

Create a User-Defined Bridge Network

- **Creates a user defined network called my_network**

  - docker network create my_network

- **Assign a network to a container:**

  - docker run -d --name db --network my_network mysql

LET'S SEE

DOCKER NETWORKS IS ACTION!

Docker Concepts