Communicating between Docker Containers

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Overview
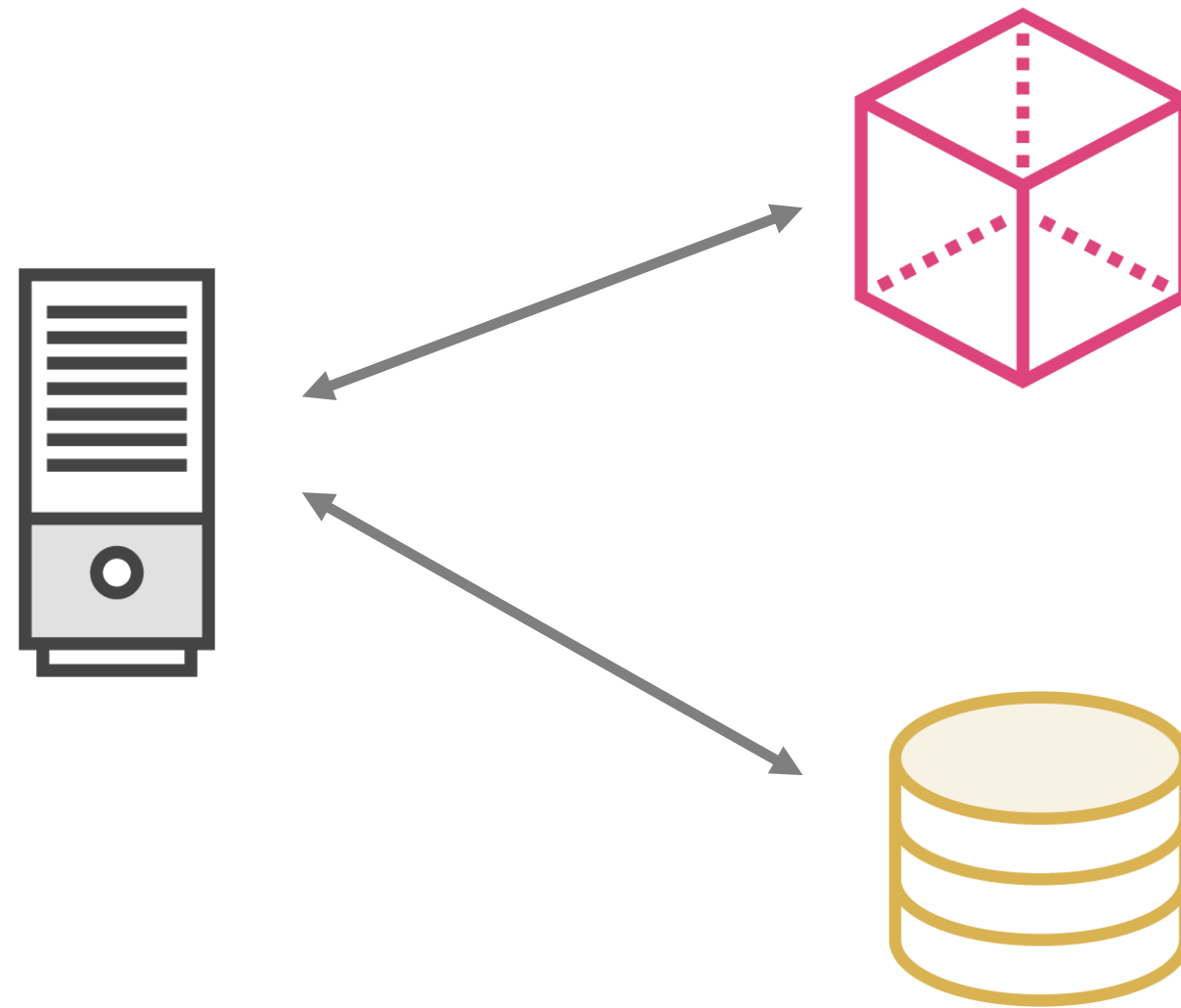
Getting Started with Container Networks
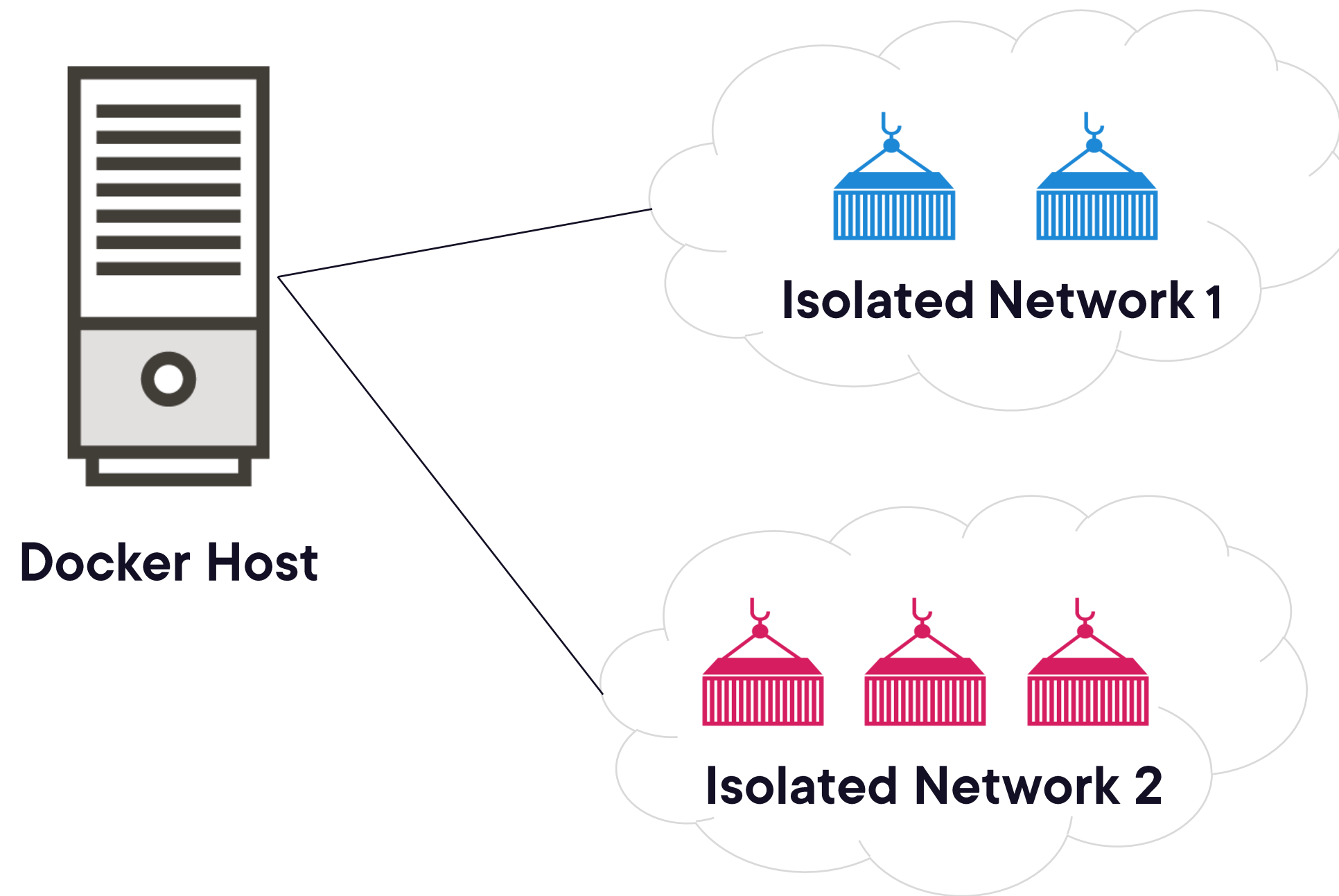
The Need for Container Networking

Docker Container Networking Options

Use Legacy Linking

Add Containers to a Network

Understanding Container Networks

Docker Host

Isolated Network 1

Isolated Network 2

Steps to Create a Container Network

Create a Custom Bridge Network

1

Run Containers in the Network

2

① Create a Custom Container Network

Name of custom network

```
docker network create --driver bridge isolated_network
```

Create a custom network

Use a bridge network
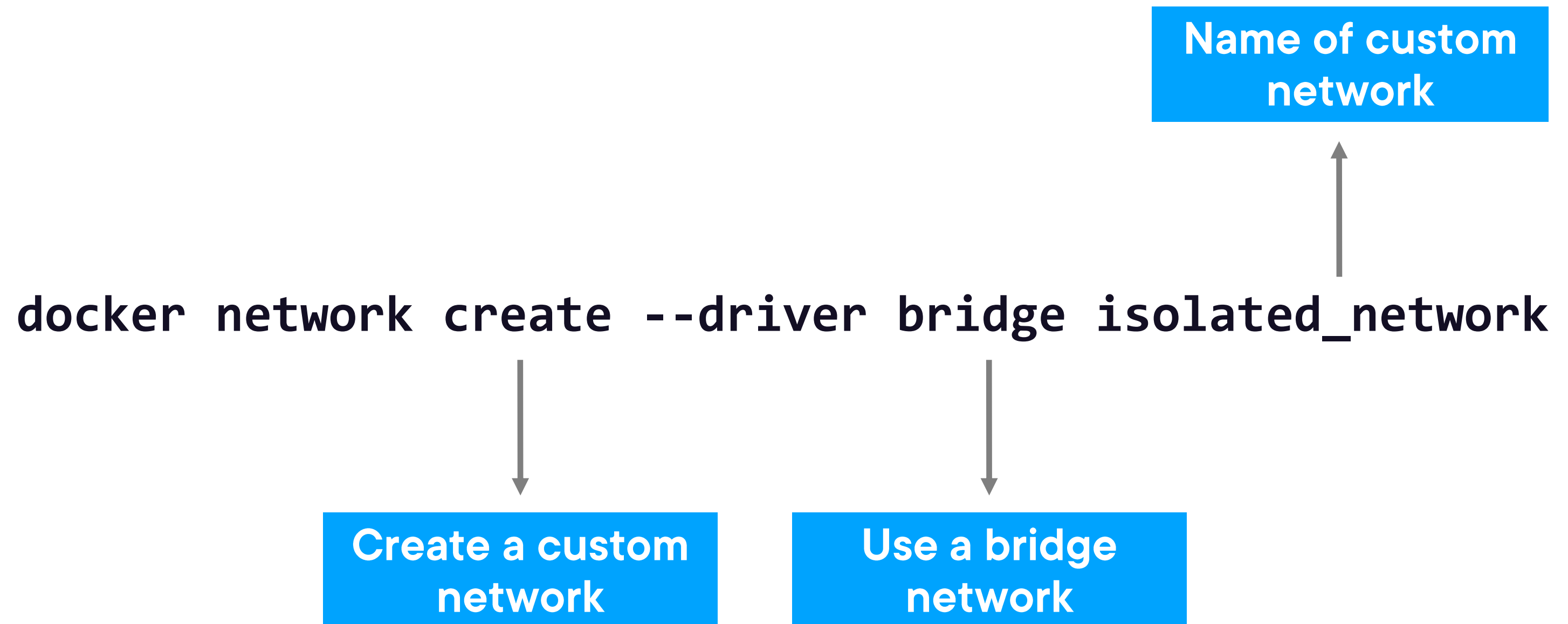
② Run Containers in the Container Network

"Link" to this
container by name

```
docker run -d --network=isolated_network --name mongodb mongo
```

Run container in
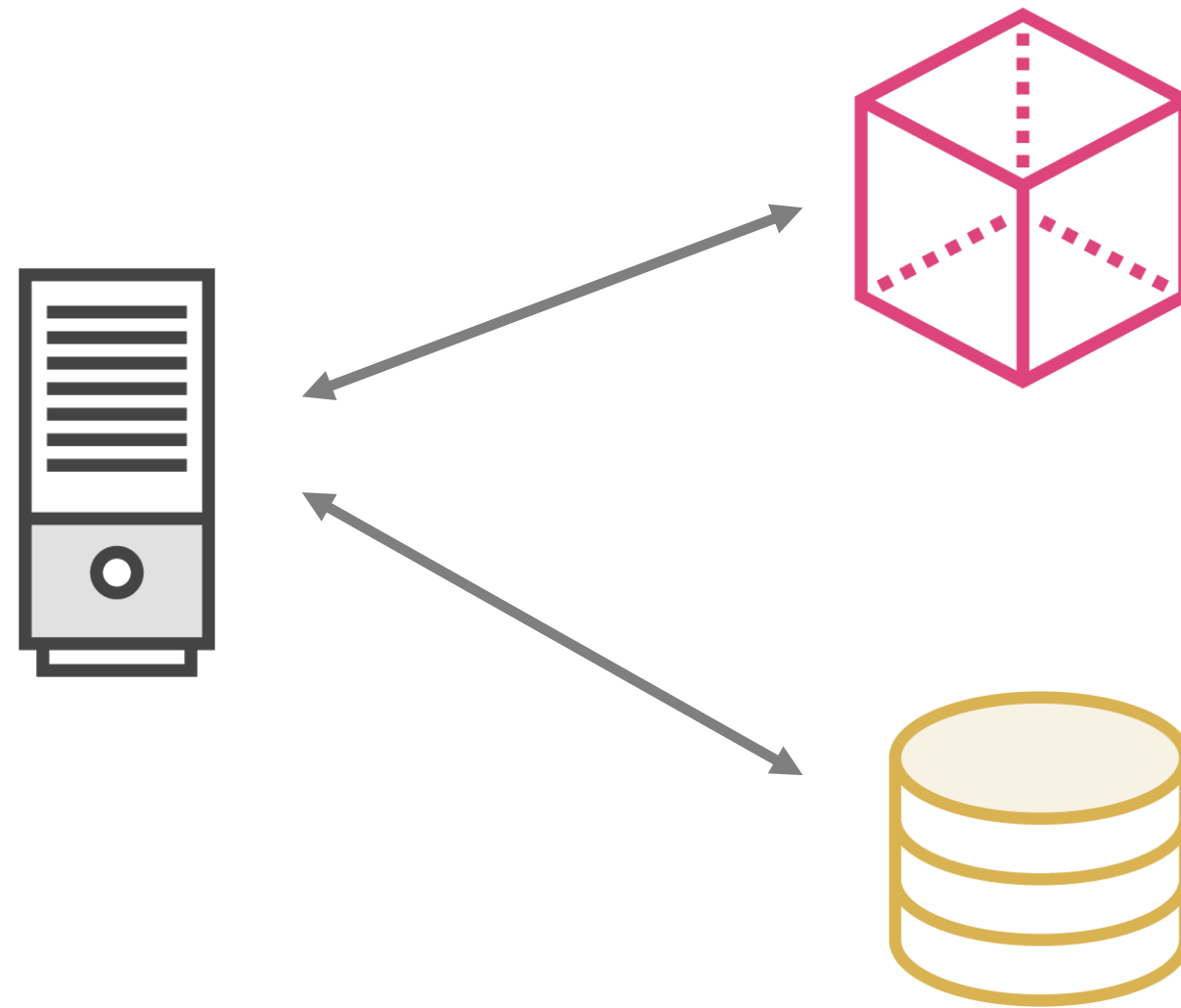network
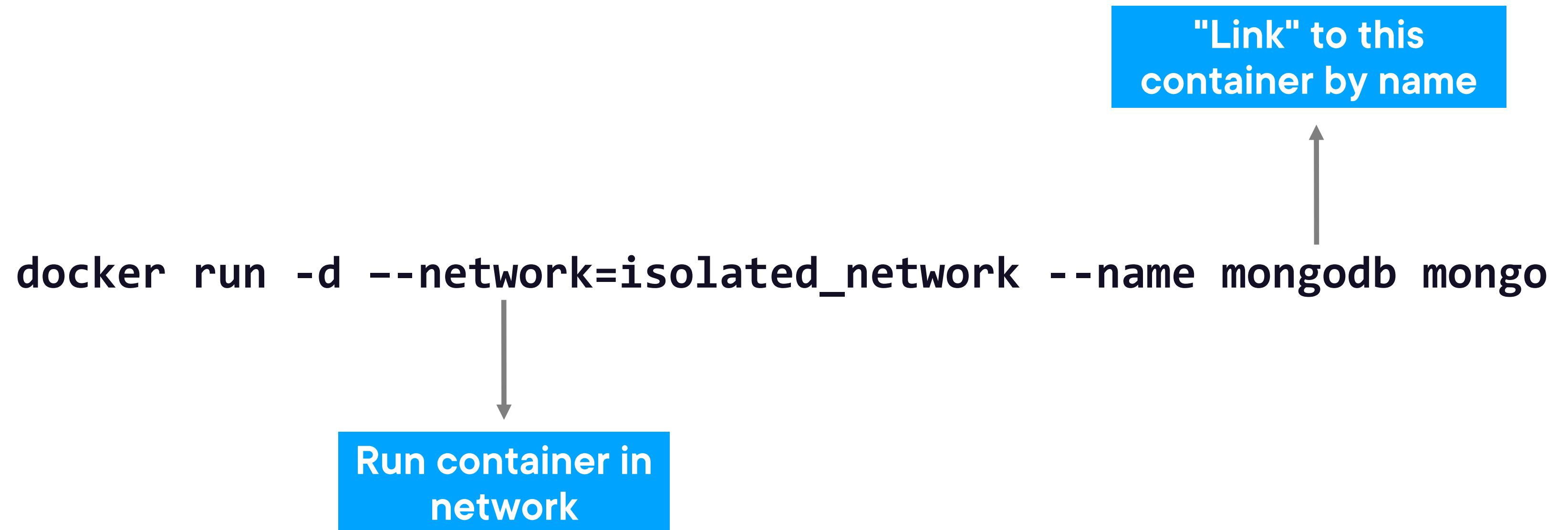
Container Networks in Action

Communicating Between Many Containers

The Need for Container Networking

Docker Compose Can Simplify Container Networking

Summary

Docker containers communicate using a network

The *--network* command-line switch can be used to setup a network

Docker Compose can be used to setup networking between multiple containers

Up Next:

Managing Containers with Docker Compose