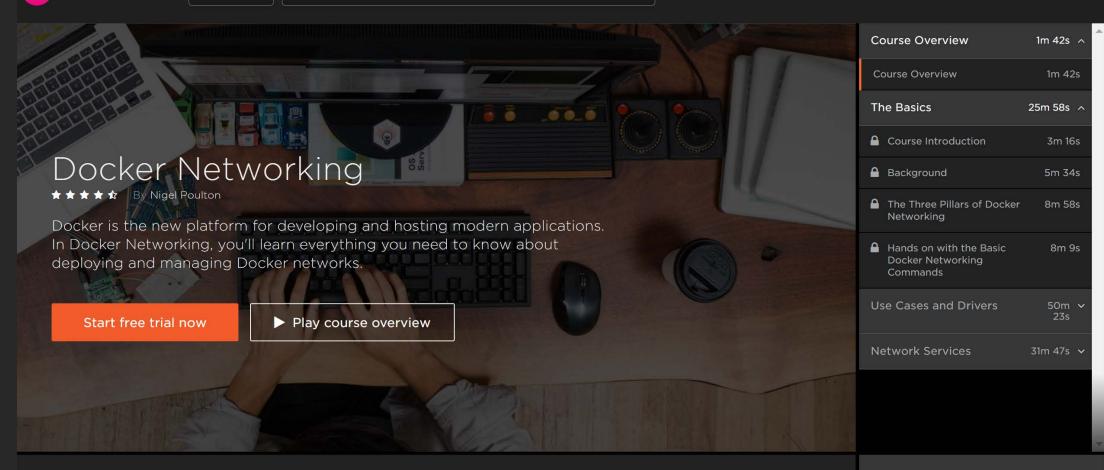
Container Networking



Nigel Poulton

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Course info

Duration

Rating **★★★★** (68) Level Intermediate ... Updated February 8, 2017 🛱 1h 49m ③

Description

Docker is the new platform for developing and hosting modern applications. In this course, Docker Networking, you will learn everything you need to know about deploying and managing Docker networks. First, you'll learn about the Container Network Model (CNM) and Libnetwork, which are the foundation of all Docker networks. Next, you will delve into building and managing single-host and multi-host networks. Finally, you will learn how to build container networks that integrate with existing VLANs and application networks. When you are finished with this course, you'll have the skills and knowledge needed to start deploying and managing Docker networks within your organization.

Recommended

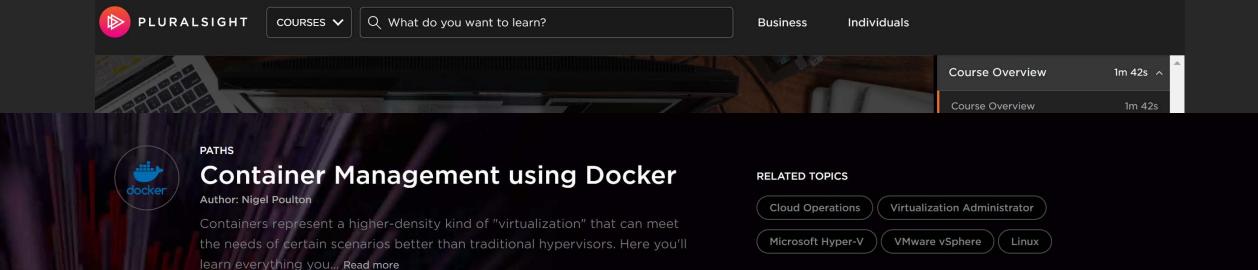


FREE WEEKLY COURSE

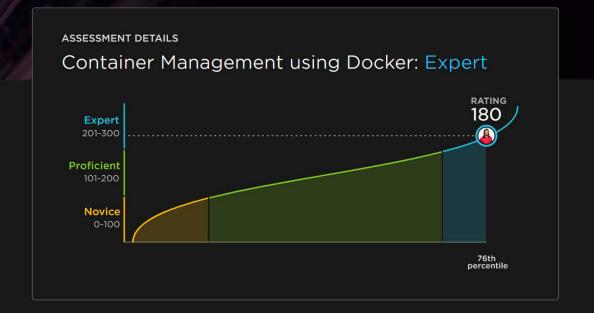
Check out this week's free course







Get Started



Updated February 8, 2017 🛱

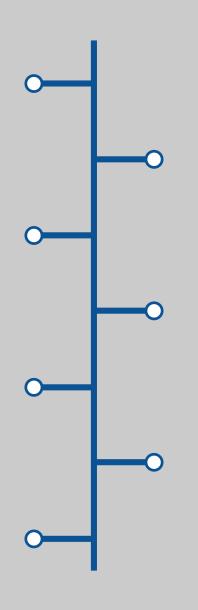
1h 49m ③

Duration

Network Model (CNM) and Libnetwork, which are the foundation of all Docker networks. Next, you will delve into building and managing single-host and multi-host networks. Finally, you will learn how to build container networks that integrate with existing VLANs and application networks. When you are finished with this course, you'll have the skills and knowledge needed to start deploying and managing Docker networks within your organization.







Module Outline

Network Types in Docker

Network Services

Recap





Domain 4: Networking

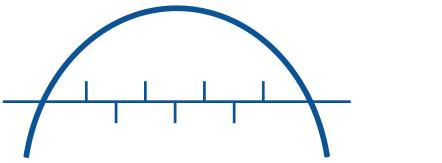
- Create a Docker bridge network for a developer to use for their containers
- Publish a port so that an application is accessible externally
- Identify which IP and port a container is externally accessible on
- Describe the different types and use cases for the built-in network drivers
- Deploy a service on a Docker overlay network



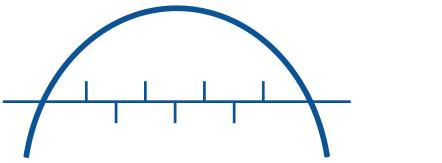
Network Types in Docker

It's good to talk

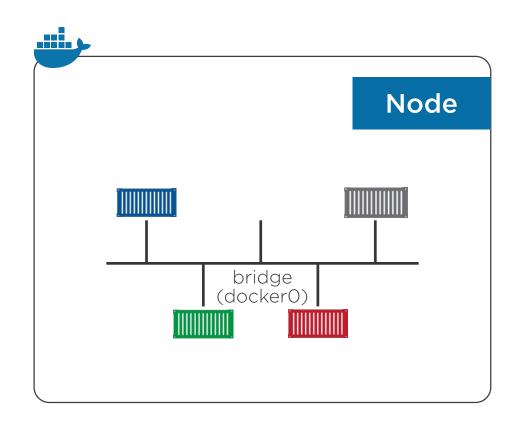


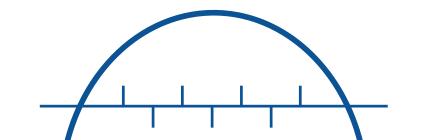






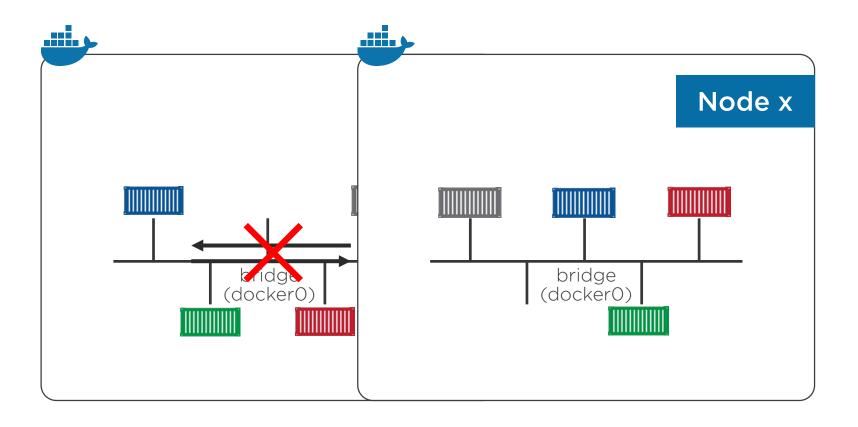


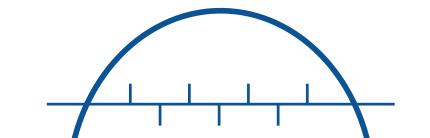






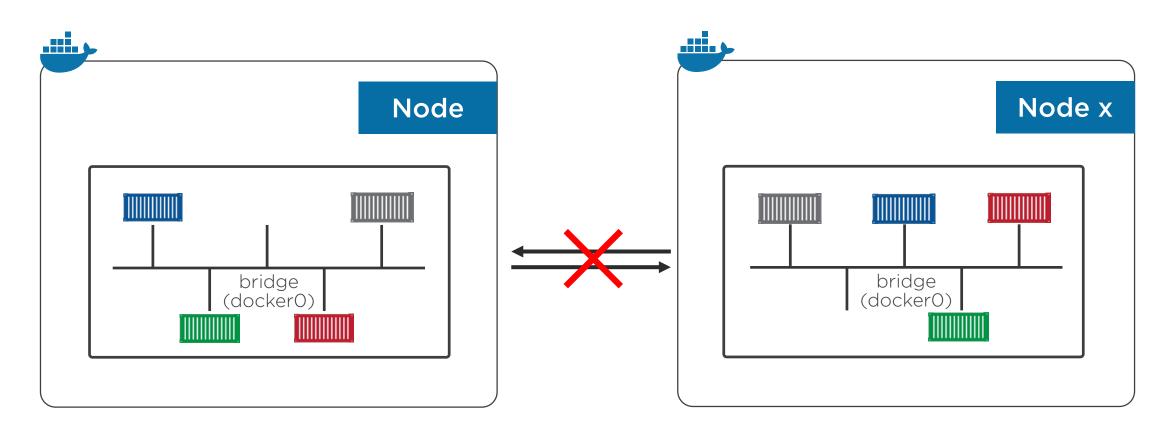




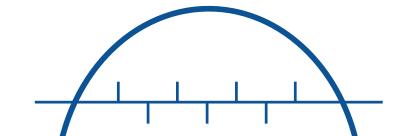




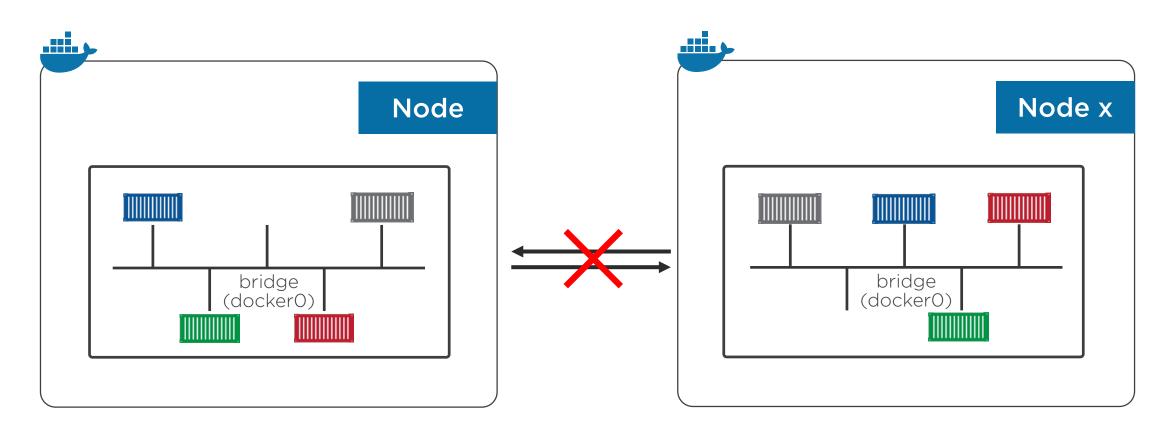




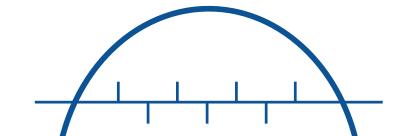






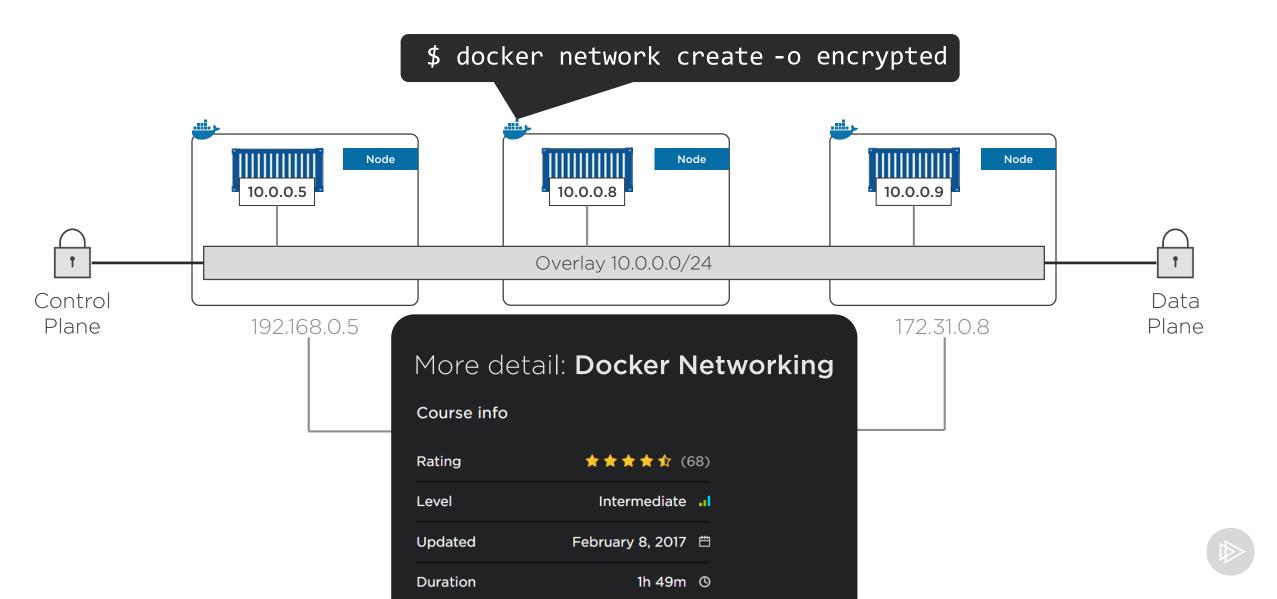




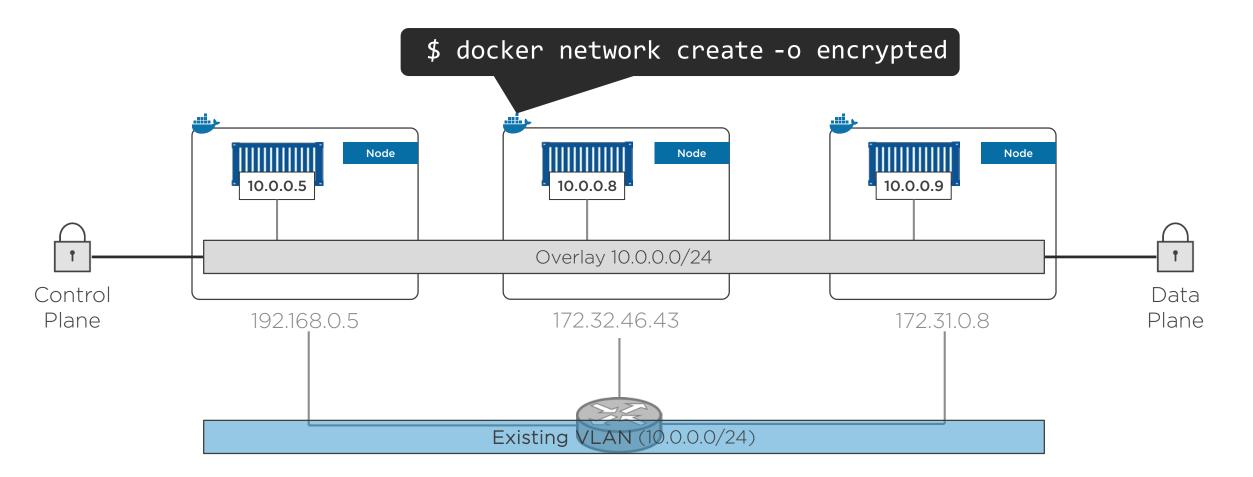




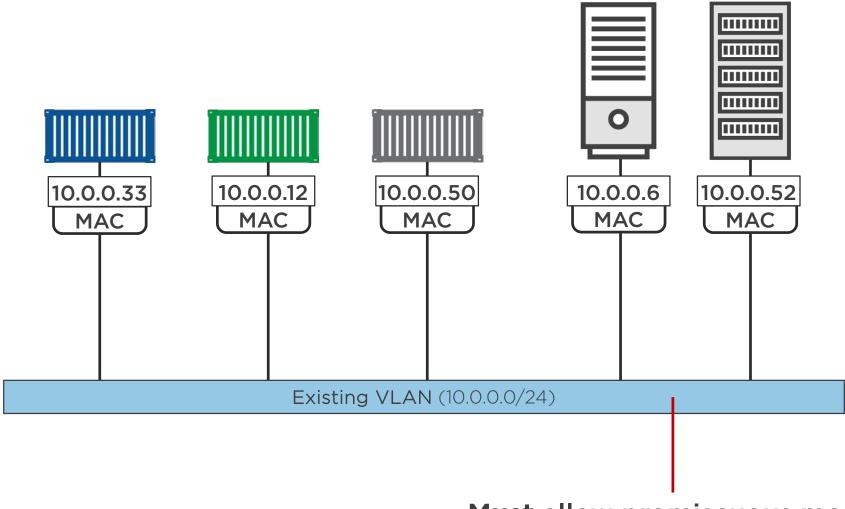
Overlay Networking



Overlay Networking

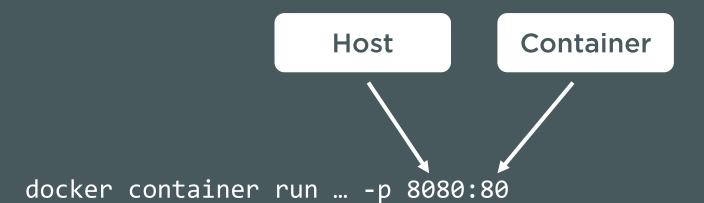


MACVLAN



Coming up Network Services









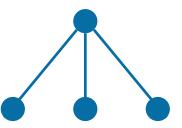
Network Services

Helpful stuff



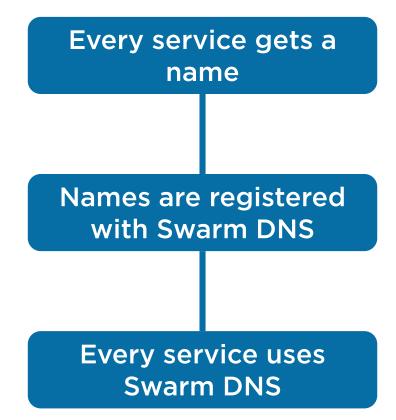
Service Discovery

Load Balancing



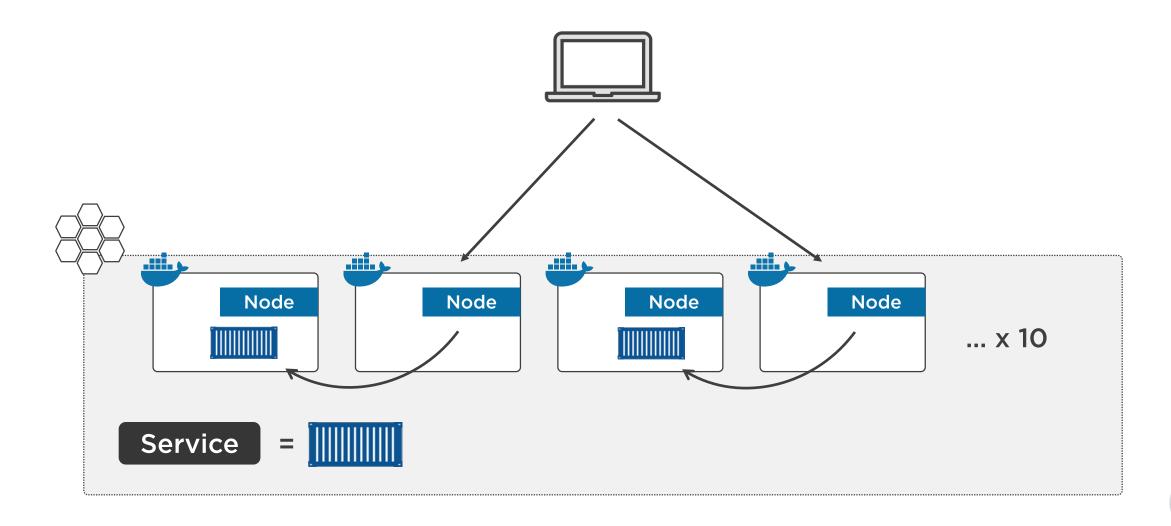


Service Discovery





Load Balancing



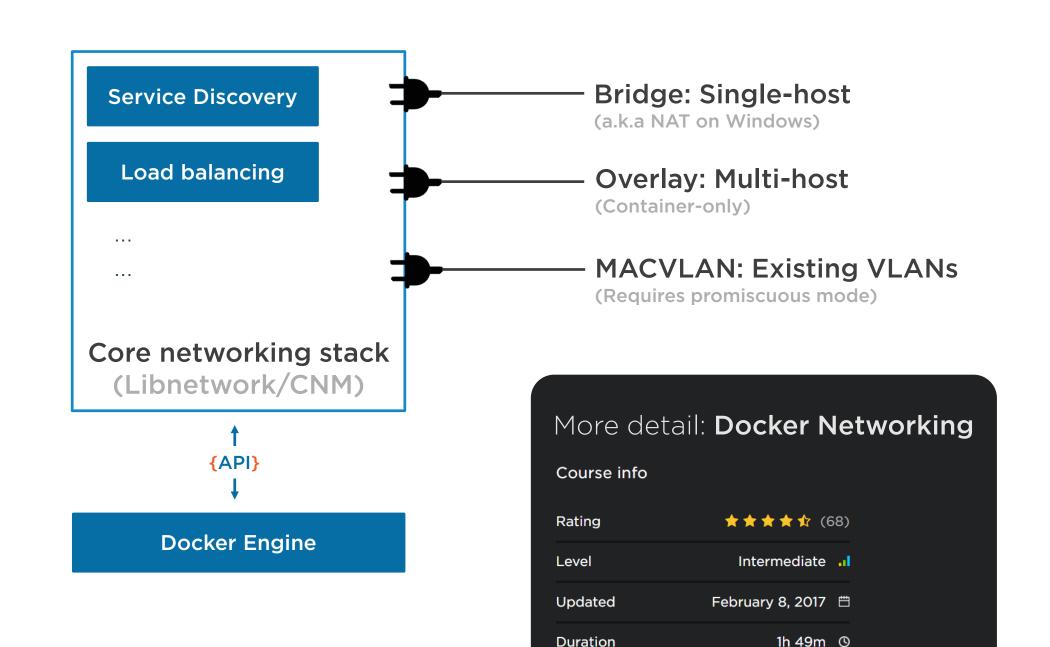
Coming up Recap







Container networking Newsymbol is Ex made simple...





Coming up

NEXT MODULE

Volumes and Persistent Data

