**TEKLRN**

DOCKER LEVEL 26

1. Swarm mode
   - Overview
   - Feature highlights
   - Swarm mode CLI commands
   - Swarm mode key concepts
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2. What is a swarm?
   - Nodes
   - Services and tasks
   - Load balancing

3. Getting started with swarm mode
   - Setup

4. Three networked host machines
   - Docker Engine 1.12 or newer
   - INSTALL DOCKER ENGINE ON LINUX MACHINES
   - USE DOCKER DESKTOP FOR MAC OR DOCKER DESKTOP FOR WINDOWS
   - The IP address of the manager machine
   - Open protocols and ports between the hosts
   - Create a swarm
   - Add nodes to the swarm
   - Deploy a service to the swarm
   - Inspect a service on the swarm
   - Scale the service in the swarm
   - Delete the service running on the swarm
   - Apply rolling updates to a service
   - Drain a node on the swarm
   - Use swarm mode routing mesh

5. Publish a port for a service

6. Publish a port for TCP only or UDP only

7. Bypass the routing mesh

8. Configure an external load balancer

9. Using the routing mesh

10. Without the routing mesh