Docker Swarm Application Essentials (CN110) Training

Duration: **1 Day**

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Overview

New - Discover what makes an application on Docker Swarm.

In this course, you'll learn what a containerized application looks like when orchestrated by Docker Swarm. We'll cover scheduling workloads across a cluster, networking stateless and stateful applications, provisioning dynamic configuration and persistent storage, and scaling highly available applications in this course intended to set a strong foundation in orchestration for all technical roles.

Who Should Attend?

This course is targeted at students with the following:

- **Motivations**: Develop, operate or manage scalable containerized applications orchestrated by Docker Swarm
- **Roles**: General technical audiences & IT professionals

Prerequisites

- GK 100813 Docker Containerization Essentials (CN100) course or equivalent experience
- Familiarity with the Bash shell
  - Filesystem navigation and manipulation
  - Command line text editors like vim or nano
  - Common tooling like curl, wget and ping
- Familiarity with YAML and JSON notation

What You Will Learn

- Setting up and configuring a Swarm
- Deploying workloads on Swarm
- Networking Swarm workloads
- Provisioning dynamic configuration
- Provisioning persistent storage
- Application rollout and upgrade
- Advanced scheduling control