Kubernetes Operations

Varighed: 2 Days   Kursus Kode: CN220   Leveringsmetode: Company event (Firmakursus)

Beskrivelse:

This class centers on developing the skills and knowledge needed for Day-1 Kubernetes operations for managing applications. Using best practices as guiding principles, students will engage in topics pertaining to the Kubernetes architecture to make informed decisions for production workloads. Topics include configuring resource availability for applications, implementing advanced scheduling for applications, and administering user roles and permissions for the Kubernetes cluster. Kubernetes Operations and System Integration teams will benefit greatly as they plan and deploy their Kubernetes production environments.

Firmakursus

Med et firmakursus bliver jeres it-kompetenceudvikling målrettet jeres behov. Det betyder, at vi hjælper med at finde og sammensætte det helt rigtige kursusindhold og den helt rigtige form. Kurset kan afvikles hos os eller kunden, standard eller virtuelt.

Målgruppe:

This course is targeted at students with the following:
Motivations: Perform core 'day-1' operational tasks on Kubernetes
Roles: Infrastructure and Integration engineers tasked with day-to-day application workload management; IT professionals looking to expand

Agenda:

- Kubernetes Architecture
- Managing Application Security
- Releasing updates to Kubernetes workloads
- Scheduling options for Kubernetes workloads
- Managing Kubernetes cluster resources
- Mapping ingress to an application
- Enabling security in the Kubernetes Security Model
- Provisioning networking within the Kubernetes cluster
- Implementing multi-tenancy in a Kubernetes cluster

Forudsætninger:

- 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
- Basic familiarity with common software development patterns and tools like version control, testing, continuous integration and logging.
- CN120 - Kubernetes Application Essentials

Yderligere Kurser:
- CN320 - Advanced Kubernetes Operations
- CN251 - Cloud Native Operations Bootcamp

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

Global Knowledge, Stamholmen 110, 2650 Hvidovre