Mirantis Container Cloud

Duration: 1 Day **Course Code: CN211** **Delivery Method: Virtual Learning**

Overview:

In this rapid introduction to Mirantis Container Cloud, students will learn how to deploy Kubernetes clusters to AWS using MCC, as well as how to manage MCC user permissions, Stacklight-based monitoring and logging tools, and third-party monitoring integrations. Students will leave the workshop with a proof-of-concept MCC deployment bootstrapped on their own AWS account for future exploration and study.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is targeted at students with the following:
- Motivations: Deploy and configure Mirantis Container Cloud on AWS
- Roles: System Operators & Administrators

Objectives:

- Mirantis Container Cloud Architecture
- - Management, regional, managed and attached cluster usage and architecture
- - Installation and setup of management and managed clusters
- MCC User Management
- - Using Keycloak to manage user permissions
- - Integrating LDAP with MCC
- - Managing permissions for multitenancy
- Cluster Logging & Monitoring
- - Stacklight configuration and cluster integration
- - Using Prometheus and Grafana dashboards
- - Customizing Stacklight configurations & third-party integrations
- - Exploring logs with Kibana

Prerequisites:

- CN120 course and prerequisites therein, or equivalent experience
- Experience with AWS cluster administration
- 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

Additional Information:

Lab Requirements
An AWS account with root access to all AWS features (important note: each student must have access to a separate AWS account – multiple IAM users or roles in the same account are not guaranteed to work)
Laptop with WiFi connectivity
Attendees should have the latest Chrome or Firefox installed, and a free account at strigo.io.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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