
Mirantis Container Cloud

Duration: 1 Day Course Code: CN211

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.

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:

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| ■ Mirantis Container Cloud Architecture | ■ - Managing permissions for multitenancy |
| ■ - Management, regional, managed and attached cluster usage and architecture | ■ Cluster Logging & Monitoring |
| ■ - Installation and setup of management and managed clusters | ■ - Stacklight configuration and cluster integration |
| ■ MCC User Management | ■ - Using Prometheus and Grafana dashboards |
| ■ - Using Keycloak to manage user permissions | ■ - Customizing Stacklight configurations & third-party integrations |
| ■ - Integrating LDAP with MCC | ■ - Exploring logs with Kibana |
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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
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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 0800/84.009

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www.globalknowledge.com/en-be/