
Mirantis Kubernetes Engine (MKE)

Duración: 1 Día Código del Curso: CN212

Temario:

In this product-focused course, you'll deep dive into all the features of Mirantis Kubernetes Engine, and discover how it simplifies, secures and accelerates Kubernetes and Swarm cluster management at enterprise scale. We'll discuss installing and configuring MKE, managing MKE user permissions and orchestrator resources, and advanced networking features included in the platform, as well as MKE troubleshooting and support.

Dirigido a:

This course is targeted at students with the following:

- Motivations: Leverage all the features of Mirantis Kubernetes Engine in order to securely manage large-scale, many-user Kubernetes and Swarm clusters.
 - Roles: System Operators & Administrators
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Objetivos:

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| ■ Mirantis Kubernetes Engine architecture | ■ - Sticky sessions, canary or blue/green deployments, and cookie usage for both orchestrators |
| ■ - Production-grade deployment patterns | ■ MKE Support Dumps |
| ■ - Containerized components of MKE | ■ - Generating and understanding MKE support dumps |
| ■ - Networking & System requirements for MKE | ■ - Finding critical information in support dumps for troubleshooting MKE |
| ■ - Installing MKE via Launchpad for high availability | ■ - Enabling and exporting API audit logs for disaster post-mortem |
| ■ Access control in MKE | ■ MKE Troubleshooting |
| ■ - MKE RBAC systems | ■ - Correlating MKE symptoms with components |
| ■ - PKI, client bundle and API authentication | ■ - Probing and reading MKE state databases |
| ■ - Swarm and Kubernetes access control comparison | ■ - Recovering failed MKE managers |
| ■ L7 networking features | ■ - MKE backups & restore |
| ■ - Interlock for Swarm | ■ - Disaster recovery in event of critical MKE failure |
| ■ - Istio for Kubernetes | |
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Prerequisites:

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| ■ CN110 OR CN120 OR CN211 course and prerequisites therein, 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 |
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Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

info.cursos@globalknowledge.es

www.globalknowledge.com/es-es/

Global Knowledge Network Spain, C/ Retama 7, 6ª planta, 28045 Madrid