
Docker Security

Duration: 1 Days Course Code: DOCK5845

Overview:

The Docker Security course is an advanced workshop style course designed to be inclusive of multiple roles: Developer, Operations, DevOps, or Architects. The course offers learners a hands-on overview of important security features and best practices to protect containerized services. Completion of the Docker for Enterprise Operations course is strongly recommended as a pre-requisite.

Target Audience:

Developers, operators, system administrators, network administrators, and IT security professionals with a strong understanding of Docker technologies desiring a deep understanding of securing Docker environments at scale in an enterprise environment.

Objectives:

- By the end of the course learners will be able to:
 - List all the linux and network features imposed on containers by the Docker platform, and configure them where configurable.
 - Design and implement discretionary access control for users on the Docker EE platform.
 - Fully audit the provenance, contents and actions taken by containerized software from creation as image, through testing and QA, and into deployment as a container in production.
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Prerequisites:

Learn the advanced features of Docker Enterprise Edition.

Follow-on-Courses:

Docker security

Content:

1- Container security <ul style="list-style-type: none">■ kernel namespaces■ root capabilities■ secure computing mode■ linux security modules	3- Role Based Access Control <ul style="list-style-type: none">■ Discretionary access model■ LDAP integration■ Multitenancy isolation 4- Software Supply Chain <ul style="list-style-type: none">■ Known vulnerability audits■ Identity signing	5- Introspection <ul style="list-style-type: none">■ Log streaming■ Metric tracking■ Auditing the Docker platform
2- Network security <ul style="list-style-type: none">■ Default and custom network encryption■ Application isolation		

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

training@globalknowledge.ae

www.globalknowledge.com/en-ae/

Global Knowledge, Dubai Knowledge Village, Block 2A, First Floor, Office F68, Dubai, UAE