Docker Security

Duration: 1 Day 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.

Prerequisites:

Learn the advanced features of Docker Enterprise Edition.

Follow-on-Courses:

Docker security

Content:

1- Container security

- kernel namespaces
- root capabilities
- secure computing mode
- linux security modules

2- Network security

- Default and custom network encryption
- Application isolation

3- Role Based Access Control

- Discretionary access model
- LDAP integration
- Multitenancy isolation

4- Software Supply Chain

- Known vulnerability audits
- Identity signing

5- Introspection

- Log streaming
- Metric tracking
- Auditing the Docker platform

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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