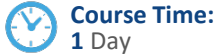


Container Explorations

CNTEX2019



Course Description

This one-day workshop provides an overview of Containers today. Learn about Docker, Kubernetes, and RedHat's OpenShift and how Microservices are changing today's digital landscape.

Who Should Attend

- + Data Center Architects
- + Solution Architects
- + Network Engineers
- + System Administrators
- + Storage Administrators

Prerequisites

- + Understanding of Linux Operating System Administration
- + Familiarity with Basic Network Concepts (TCP/IP, Layer 2 and Layer 3 Networking)
- + Familiarity with Server Virtualization
- + Familiarity with Storage Concepts
- + Familiarity with Container Concepts

Course Content

Module 1: Introduction to Containers

- + Container Overview
- + Containers vs. VMs
- + Monoliths to Microservices
- + Container Orchestration Engines

Module 2: Introduction to Docker

- + Docker Architecture and Components
- + Docker Images and Dockerfile

Module 3: Container Orchestration Engines

- + Docker UCP
- + Kubernetes
- + RedHat OpenShift

Module 4: Container Networking

- + Kubernetes CNI Plugins
- + East-West Traffic Flow
- + North-South Traffic Flow
- + Exposing Services

To register for an ePlus cloud training course, contact us today.

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