



## Design and Implementation of a Practical Docker

**Course Name:**

docker

**Course Duration:**

20 hours

**Requirements:**

Routing  
Switching  
Virtualization

**Who should take this Course:**

System administrators  
System developers  
Solutions designers

### Syllabus Course

- Examining container architecture
- Examining Docker networking architecture
- Deploying Docker components
- Creating, deleting, renaming a container
- Managing container files
- Installing and configuring services to the container
- Creating and deleting virtual network
- Publishing container protocol and ports
- Creating and moving Docker images
- Reviewing load balancers
- Installing and configuring HAProxy balancer
- Examining Docker swarm
- Creating and managing Docker cluster