

# Docker Certified Associate (DCA) Certification BootCamp – Level 3

Duration: 2 Days

## DESCRIPTION

Docker Certified Associate (DCA) Certification BootCamp – Level 3 – Docker Certified Associate track, is exclusively designed to help participants to prepare for the DCA Exam.

This two-day course provides a clear perception and hands-on knowledge about the Enterprise Edition features of Docker Swarm Orchestrator. The course discusses core concepts about containerization of applications. Creating, deploying, monitoring and scaling of containerized application using Docker Services or Docker Stack for implementing a highly available and scalable microservice architectural design.

We also talk about Enterprise features such as Universal Control Plane, Docker Trusted Registry and setting up Role Based Access Control for your cluster. Containerization of Windows Applications are also included in this training.

Post this training candidates can design and implement the management, monitoring, security, high availability and scalability of distributed applications using Docker Enterprise Edition Swarm Cluster to satisfy business needs.

## OBJECTIVES

- To attain a deep knowledge of Docker Swarm and the use of Swarm services and stacks for deploying & managing applications on Docker
- To attain a thorough knowledge about the networking in Docker Swarm
- After completing this course, you will have the overview of production grade practices to use Docker Enterprise Edition Swarm Cluster
- Learn to use Docker Enterprise features like UCP, DTR and RBAC
- Understand how Docker can simplify your continuous deployment approach
- To understand containerization of Windows applications
- To design and implement the management, monitoring, security, high availability and scalability of distributed applications using Docker Enterprise Edition

## COURSE OUTLINE

### Day 1

- Docker Swarm
- Swarm Services
- Docker Networking

### Day 2

- Docker Stacks
- Docker Enterprise Edition

## WHO SHOULD ATTEND

- Professionals who are looking forward to getting certified on Docker Certified Associate Exam
- Professionals who collaborates with business stakeholders to identify and meet application containerization requirements while designing and implementing the management, monitoring, security, high availability and scalability of distributed applications using the Docker Enterprise Edition features.
- IT Professionals who want to learn to work on highly reliable, scalable, available, cost-efficient virtual machines using Docker
- Startups that want to build their IT infrastructure at a fraction of the cost of traditional methods by using containers
- Developers interested in deploying scalable applications using Dockers
- System administrators wanting to improve the efficiency of their servers

## PREREQUISITES

- Should have basic understanding of Cloud and Virtualization concepts
- Should have hands-on knowledge of AWS, as AWS is used in the labs
- Should have good knowledge and should have hands-on experience with Linux
- Should have attended Docker Level 2 course from CloudThat or should have good hands-on and working knowledge on Docker basics
- IT industry work experience or those pursuing a degree in the IT field.
- Strong learning acumen

### TRAINING CALENDAR

Subscribe to our Training Calendar & get a Cash Back of INR 1,000/- (One Thousand INR).

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## TESTIMONIALS

“ One of the best training institutes to learn about Cloud Computing. They have highly skilled trainers to address all your queries.

- Usha (Sr.Infrastructure Analyst, Sapient Consulting)

“ It is very professional and hands-on training. The trainer is extremely responsive and knowledgeable on the topics covered. I would recommend CloudThat to anyone who is looking for quality, hands-on training on these latest technologies.

- Srinivasa (Associate Professor, PES University)

“ CloudThat - The best place to learn Cloud Computing technologies. Trainers at CloudThat have indepth knowledge about the subject. The way they explain is too good. They give personal attention to all candidates and keep the sessions interactive.

- Gladwin (Cloud Admin, Cognizant)

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