



Learning and Knowledge Management

DevOps Tools: Docker



Ground Rules

For a successful class, please:

- Arrive on time
- Turn all cell phones off
- Wear business formal attire
- Assist your colleagues; show respect to all individuals regardless of their skill and knowledge level
- Do not use class time to surf the net, check e-mail, or use instant messaging
- Adhere to attendance policy as directed by your local training coordinator

Faculty Introduction

- Name
- Tenure at Accenture
- Self-trivia



Participant Introduction



- Name
- Location
- Tenure in Accenture and other organizations, if any
- Recent projects
- Areas of expertise
- Expectation from this training

Course Objectives

At the end of this course, you will be able to:

- Describe infrastructure automation, concept of evolving and immutable infrastructure, virtual machines and containers
- Explain Docker containers, its features, components and benefits of Docker
- Explain the Docker architecture and its components
- Explain Docker installation—codes before and during installation and during testing
- Explain container processes and the key tasks associated with it; managing containers
- Describe Docker image and its attributes; build images by committing changes in containers
- Explain how to Dockerize an application



Course Agenda

No	Module Name	Duration (hours)
1	Course Overview	0.25
2	Introduction to Infrastructure Automation	1
3	Introduction to Docker	1
4	Architecture & Installation of Docker	4
5	Working with Images & Containers	4
6	Managing Images	4

Thank You