

DOCKER ESSENTIALS

Length : 1 day
Delivery Method : Instructor-led (Classroom)

Course Outline

Module 1: Course Overview

Lessons

- Module 1.1: Introduction to the course

Module 2: Understanding Docker

Lessons

- 1 – Module Introduction
- 2 .2 – What is Virtualization
- 3 what are Containers
- 4: Containerization and virtualization differences
- 5: Case study: 100 developer environment
- 6: difference between win and linux containers
- 7: Docker ecosystem and components

Module 3: Installing Docker on Linux

Lessons

- 1: Module Introduction
- 2: Installing Docker on ubuntu 16.04 server

Module 4: Containers On Ubuntu Docker host

Lessons

- 1: Module Introduction
- 2: Deploy ,Login,exit contianer
- 3: List,Start, Stop, restart containers
- 4: where containers are stored
- 5: working with container hostnames
- 6: working on multiple containers
- 7: Container stats and inspect
- 8: Container networking
- 9: Deleting containers

Module 5: Docker Images

Lessons

- 1: Module Introduction
- 2: Introduction to Docker Images
- 3: Docker hub – create your account
- 4: Explore and pull images from docker hub
- 5: Docker commit Build and Push Your own image
- 6: Launch container using your own image

AVANTUS TRAINING PTE LTD

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 609607

Main Line: +65 6661 0888 | Fax: +65 6661 0886

Email: enquiries@AvantusTraining.com

www.AvantusTraining.com

- 7: Build Your own image using dockerFile

Module 6: Docker Volumes

Lessons

- 1: Module introduction
- 2: Introduction to Docker volumes
- 3: Launch a container with volume attached
- 4: Recovering volume
- 5: Module Summary

AVANTUS TRAINING PTE LTD

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 609607

Main Line: +65 6661 0888 | Fax: +65 6661 0886

Email: enquiries@AvantusTraining.com

www.AvantusTraining.com