

Docker

Module-1:

Course and certification Introduction Discussion

Container Introduction lecture

Container Arch

student Quiz Session

Module-2:

Lab Setup and Installation

Basics Command about the Images

container basics Commands

Module-3:

Image & Container File System

Image preparing pro-active case

How Build Custom Image

Module-4:

Container Volume Management

Attach Block and NAS Storage

Backup and Restore

Module-5:

Container Network Arch
Network driver deep-dive
Bridge , Host , None , Macvlan & Ipvlan
Custom bridge & Port Forwarding
Configure MacVlan and Ipvlan network

Module-6:

DockerFile Deep-dive
Parameter Deep-dive
DockerFile development

Module-7:

Docker Compose
Yaml Format understanding
Write compose file and deploy 3 tier arch deployment .

Module-8:

Docker Registry
Setup private Registry Server

Build the 3 tier application using Compose
Interview Quiz Discussion