Docker Fundamentals



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| Duration – 2 days   * Introduction to Traditional * Approach Containers vs VMs * What Are Containers? * Introduction to Docker * Docker Components * Docker Architecture * Classroom Environment With Docker setup * Playing Around with Our First Docker Container * The High Level Picture * The Docker Engine * Docker Images * Docker Containers * Docker Hub * Docker Machine * Docker Swarm * Docker Cloud * Docker Datacenter * Containers Creations * Containers Operations * Looking Inside of Containers * Lowlevel Container Info * Getting a Shell in a Container * Deep Dive – Containers * Docker – Images * DockerHub * Registry and Repositories in Docker * Docker - Building Images * Image build without Dockerfile * Image Build with Dockerfile * Deep Dive – Images * Various custom Docker image and container operations * Real time web server example with customized image * Container Network Model * Docker Volumes * Overview of Docker Compose * Real time example of Microservices with Docker |
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