

PROLEAP INTERNSHIP PROGRAM

PROLEAP 6.0

2022

6 Months Course With Live Project!!!



GETTING STARTED WITH
VIRTUALIZATION-WORKSTATION ESXI



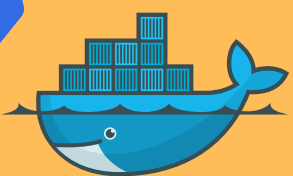
DEVOPS ADMINISTRATION &
AUTOMATION



DEVOPS TOOLS (PYTHON & JAVA)



PUBLIC CLOUD FUNDAMENTALS
(AWS / AZURE)



BASICS OF CONTAINER ORCHESTRATION
(DOCKER & KUBERNETES)

**PROLEAP PACKAGE : GET ALL AT JUST
RS.3,500/- + VIRTUALIZATION.**


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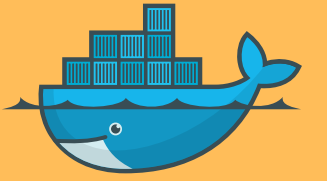
Getting Started with Virtualization

- Creating and Configuring VMs using VMware/Virtual Box.
 1. Creation of VMs from ISO image.
- Network and Storage Configuration
 1. Connectivity for Connected as well as Disconnected VMs.
 2. Assessment Project.



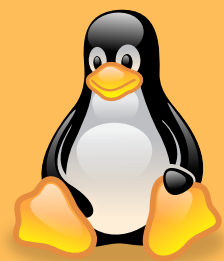
Getting Started With Docker

- Introduction to Docker
- Virtualization vs Containerization
- Installation of Docker on Windows, Linux, and EC2 Instances.
- Docker Architecture and Docker Registry
- Docker CLI and Dockerfile



RedHat Linux System Administrator

- Get started with Red Hat Enterprise Linux
- Access the command line
- Manage files from the command line
- Get help in Red Hat Enterprise Linux
- Create, view, and edit text files
- Manage local users and groups
- Control access to files
- Monitor and manage Linux processes
- Control services and daemons
- Configure and secure SSH
- Analyze and store logs
- Manage networking
- Archive and transfer files
- Install and update software
- Access Linux files systems
- Assessment Project



Getting Started With Kubernetes

- Introduction to Kubernetes
- Kubernetes Features and Architecture
- Installation Process.



Getting Started With AWS

- Roles and Users
 1. Creation of Roles
 2. Creation of Users
 3. Management of Roles and Users
- EC2 Instance, S3, LAMBDA (and basic related services)
 1. Launching an EC2 instance
 2. Working with S3
 3. Simple Lambda UC
 4. Assessment Project



RedHat Ansible Automation

- Introduce Ansible
- Deploy Ansible
- Implement playbooks
- Manage variables and facts
- Implement task control
- Deploy files to managed hosts
- Manage large projects
- Simplify playbooks with roles
- Troubleshoot Ansible



Getting Started With Java

- Introduction
- The Java Environment
- Basic language elements
- Object Oriented Programming
- Extended Classes & Inheritance
- Package
- Exception Handling
- Arrays and String



Getting Started With Python

- Basic Programming
- Database Management
- GUI via Tkinter
- Assessment Project



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