OPEN STACK TRAINING

Section 1 : Overview of Open Stack and Cloud Computing

- ➢ Fundamentals of Cloud Computing
- ➢ Types of cloud services
- ➢ Introduction to Open Stack and its components
- ➢ Open Stack Installation
- ➢ Virtualization Basics
- ➢ Comparison of Virtualization and Clouds

Section 2 : Nova – Open Stack Compute

- ➢ What is Nova?
- ➢ Hypervisors supported
- ➢ Open Stack Compute Service Architecture and features
- ➢ Nova Network Usage and Images
- ➢ Setting up Open Stack Compute

Section 3 : Glance – Open Stack Image Service

- ➢ What is Glance?
- ➢ Open Stack Image Service Architecture
- ➢ Supported Open Stack Image Formats
- ➢ Installation of Glance
- ➢ Good practices on the glance store backend
- ➢ Creating and Uploading an Image

Section 4 : Keystone – Identity and Access Management

- ➢ What is Keystone?
- ➢ Role Based Access Control
- ➢ Users, tokens and Credentials
- ➢ OpenStack Keystone Service Catalog
- ➢ Keystone Architecture
- ➢ Install and configure the controller node

Section 5 : Software defined Networking

- ➤ What is Neutron?
- ➤ OpenStack Neutron Architecture
- ➤ Installation of Neutron
- ➤ Network and Router Creation
- ➤ OpenvSwitch and OpenStack Neutron Troubleshooting

Section 6 : Block Storage

- ➤ Introduction to Cinder
- ➤ Block Storage properties
- ➤ OpenStack Cinder Architecture
- ➤ Installation of Cinder
- ➤ Troubleshoot Cinder

Section 7 : Dashboard

- ➤ What is Horizon?
- ➤ OpenStack Horizon Architecture
- ➤ Installation of Horizon
- ➤ Understand the Django and GUI

Section 8 : Object Storage Service

- ➤ Introduction to Swift
- ➤ Object storage properties
- ➤ Architecture of the Object Storage Service
- ➤ An Overview of Content Delivery Network

Section 9 : Additional Software components in an Open Stack

- ➤ Message Qpid and serverRabbitMQ
- ➤ Databases Mysql and sqlite

Contact Info

📞 **+91 9884412301 | +91 9884312236**

✉️ **info@credosystemz.com**

🌐 **Know more about OPEN STACK**

🏢 **New # 30, Old # 16A, Third Main Road, Rajalakshmi Nagar, Velachery, Chennai (Opp. to MuruganKalyanaMandapam)**

BOOK A FREE DEMO