Cloud Computing – OpenStack

The Course

OpenStack is the most popular and most widely used cloud platform in the world. This course, OpenStack Training is designed to prepare administrators, engineers, architects, and consultants for designing workload deployments on the Azure platform. OpenStack is an open source infrastructure as a service licensed under Apache 2.0 license for building and managing large groups of virtual private servers in a data centre. Its main aim is to assist interoperability between cloud services and permit businesses to build cloud services in their own data centres.

The Eligibility

Passionate Technology Enthusiasts with a minimal knowledge on IT and Operating Systems.

Good to have basic knowledge on Windows, OS & IT Infrastructure.

The Rulepaper Promise

Our training methodologies promises to give the students hands on art enterprise skills to delve deeper into the technologies from a practical and enterprise point of view. Extreme Hands-on-Lab with a self doable on the fly practical based training approaches makes transformation of the student from a no vice to a capable experienced cloud computing engineer.

The Instructor

Enterprise Architect with huge experience on Private and Public Cloud Technologies. The trainers are advisors and members of larger Cloud Computing Forums and seasoned integrators of IT Cloud Computing technologies with more than 12+ years in global large enterprise giants.

Course Contents

Module 1

Deploying Infrastructure as a Server (IaaS)
- Build Private Cloud using Open source
- Deploy Private Cloud using OpenStack
- Understand OpenStack Cloud Architecture and its components
- Ability to Install Ubuntu/CentOS Operating Systems
- Ability to install OpenStack Cloud Software
- Ability to create Compute services
- Ability to create cloud networking
- Ability to create cloud Identity Management services
- Ability to create Cloud Service catalogue
- Ability to install Cloud Dashboard
- Ability to Perform OpenStack cloud administrator activities.
- Deploy Private Cloud

Module 2 OpenStack has a modular architecture with various code names for its components:
- Nova (Compute)
- Swift (Object Storage)
- Cinder (Block Storage)
- Glance (Image Service)
- Neutron (Networking)
- Horizon (Dashboard)
- Ceilometer (Telemetry)
- Heat (Orchestration)
- Who should go for this course?
  The course is designed for all those professionals who want to learn Cloud computing and OpenStack. This OpenStack training will be ideal for:
- Systems Administrators
- Technical and IT Professionals
- Storage Administrators
- Network Engineers

Course Contents

Module 3

Course objectives:

- OpenStack training is designed to help you become an OpenStack Expert.
- During this course, our expert instructors will help you:
- Understand OpenStack
- Explore OpenStack architecture with both CLI and API functionalities
- Apply various implementation techniques
- Perform OpenStack operations
- Implement suitable use-cases for OpenStack
- Implement and use Nova, Neutron, Image and other OpenStack services
- Work on an interactive project around implementing OpenStack

By the end of the course:

By the end of this training course you will achieve hands on expertise in various aspects of the OpenStack components with perfect understanding.

The Duration

Duration of the Course is 30 hours.

The Lab Requirements

Students must bring their own laptops with basic configuration

The cost of the Training

Please send an email or contact us at enquiry@rulepaper.com to know more about the cost and next batch schedules.

The certifications

Once the training is completed the student have to enroll with Openstack for getting certification and the cost is exclusive of this training . Certification is an optional or good to have feature.