

## Virtualization

- Introduction to Virtualization
- Virtualization Components
- Virtualization History
- Licencing

- Hypervisor Architecture Overview
- Hypervisor installation
- Hypervisor Command line
- Product Comparison

- Virtual Machine Deployment
- User Roles and Permissions
- Networking
- Virtual Storage
- Performance and Monitoring

- DC & DR Concept
- VMotion
- DRS
- HA
- Backup and Recovery of VM's.

## Cloud Computing

- Introduction to Cloud Computing
- Various Types of Cloud Computing
- Openstack Deployment -practically
- Identity, Image service
- Compute, Networking service

- Block Storage service
- Orchestration service
- Telemetry service
- Database service
- Launch an instance

- AWS- Introduction & components
- EC2
- Route 53
- S3 Buckets

- Elastic IP
- Security Group
- Networking
- AMI Backup and restoration

OpenLdap Configuration

PAM, Squid ,Proxy

Monitoring Technologies

Troubleshooting techniques