

## **Linux Server Administration Training**

***The training shall include but shall not be limited to the following:***

- 1 Introduction to Linux  
System architecture, terminology, platform/distribution, Linux services
- 2 Installation/set-up of Linux server (DNS, Web, and mail server)  
minimum system requirements, hardware set-up
- 3 Basic and essential Linux commands - Linux Command Line Interface, File Structure
- 4 System Operations and configuration  
i.e. accessing the system, boot, reboot, start-up and shut down,  
tasks scheduling, kernel, printing, log files, etc.
- 5 Network configuration
- 6 Service configuration
- 7 Server management  
file management, disk management/disk partitioning and file system,  
user and group management, disk and storage management,  
software and package management (e.g. Red Hat Package Manager)
- 8 Monitoring and Security  
firewall, permission, authentication, encryption
- 9 Back-up and restore of Linux server
- 10 Basic troubleshooting  
system and network diagnostics, performance and troubleshooting tools
- 11 **Other essential topics related to Linux Server Administration**
- 12 Above topics shall cover Linux - **Ubuntu, Centos, and Fedora** platform.

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