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The Linux Fundamentals Certification training provides complete knowledge of concepts which are required for Linux Administration. The Linux Fundamentals training provides information about the Linux installation to security administration, networking concepts, user-account management, file system management and virtualization. The delegate will learn the history of the Linux. With the help of the Linux Fundamentals Certification training the delegates will understand how to install Linux on system and how to use the Graphical User Interface.

Throughout the Linux training, the delegates also get to know how to control Linux by using the command line. The Linux training also provides the in-depth knowledge about the Linux security. The Linux training introduces the delegates with the several tool and techniques which are commonly used by Linux system administrators. The delegates also learn about the common application of Linux system.

The delegates will get to know how to navigate through major Linux distributions. At the end of the Linux certification training the delegates should have good knowledge of Linux from both perspective such as command line and graphical. The delegates will be able to continue progress as either a system administrator, system user or developer using the developed skill set.

Prerequisites

For attending the Linux Fundamentals Certification training, the delegates should have basic system knowledge.

Course Objectives

After the completion of Linux Fundamentals Certification training at Silicon Beach Training, the delegates will be able to:

- Understand how to Install Linux, work with VirtualBox, and install CentOS 7 in VirtualBox
- Understand how to search, create file and user group permissions and edit files
- Learn to navigate the Linux filesystem and work with files
- Comprehend important command-line tools and utilities
- To Set kernel parameters
- Understand how to Create network setup and configuration
- Understand Linux Networking
- How to add a new user account, modify and delete user accounts
- Understand the client/server nature of X Window System and X applications
- Understand how to install and configure anti viruses (clamAV and LMD)
- How to install and remove software in the system
- Configure virtual machines

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Introduction to LINUX

- Overview of LINUX
- Why choose LINUX?
- Navigating LINUX?
- The LINUX? Kernal
- Versions and distributions
- Installing LINUX?
- Slackware

LINUX? Exploration and User Interaction

- Using the Command-Line Interface
- Common commands
- Managing Files and Directories
- Using the Graphical Interface
- Configuring the system
- Networking with LINUX?
- Using security features
- Switching User Contexts
- Graphical Desktop
- Editing Text

LINUX? Files

- LINUX? FileSystem Features
- Navigating the FileSystem
- LINUX? Disk Usage
- Basic LINUX? Troubleshooting
- Changing File Permissions
- Directory Manipulation
- Archiving

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