

Linux Fundamentals

Lesson 00:

IGATE is now a part of Capgemini

People matter, results count.



Course Goals and Non Goals

➤ Course Goals

- Understanding Basics of Linux, various commands, file systems, writing shell scripts etc.

➤ Course Non Goals

- Not covering any in depth network concepts in Linux.

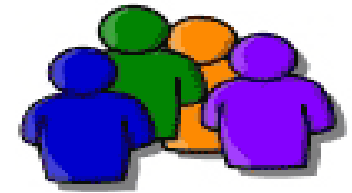


Pre-requisites

- **Basic Operating System knowledge**

Intended Audience

- **Server Administrators**



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Day Wise Schedule

➤ Day 1

- Lesson 1
- Lesson 2
- Lesson 3
- Lesson 4

➤ Day 2

- Lesson 5
- Lesson 6
- Lesson 7

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➤ **Lesson 1: Login and Exploration**

- 1.1: Logging into Linux system
- 1.2: Root User
- 1.3: su Command

➤ **Lesson 2: The Linux FileSystem**

- 2.1: File System hierarchy
- 2.2: File Types
- 2.3: File Permissions
- 2.4: File related commands

➤ **Lesson 3: Manipulating Files**

- 3.1: Directory Manipulation
- 3.2: File Manipulation

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➤ **Lesson 4: Finding and Processing Files**

- 4.1: Locate
- 4.2: Find
- 4.3: GNOME search tool.

➤ **Lesson 5: Editing Text**

- 5.1: Introduction to Vim
- 5.2: Modes of Vim
- 5.3: Opening and Editing files in Vim

➤ **Lesson 6: User Management Essentials**

- 6.1: Administrator commands
- 6.2: Bash Shell
- 6.3: Environment Variables

➤ **Lesson 7: Standard IO Operations**

- 7.1: Basics of Standard IO
- 7.2: Redirecting output to file
- 7.3: Pipe operator
- 7.4: Redirecting input from file

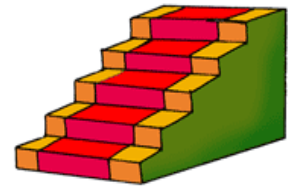
References

- **Red Hat Linux Certification Study Guide by Michael Jang.**



Next Step Courses

- **Linux Intermediate and Advanced**



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Other Parallel Technology Areas

- **Windows OS Server Administration**