**Fast-Track Linux Automation & Servers Training:**

**========================================================================**

**Course Duration: (40 to 50 hours) ------- Seats Available:25**

**Course Fee: Rs. 4500 INR (65 USD) ------- Mode: Zoom Meetings (Recordings Available)**

**Course Topics:**

**1) Server Security:**

a) Firewall

b) SELinux

**2) Servers Configuration:**

a) SSH

b) Telnet

c) FTP

d) NFS

e) CIFS/SMB

f) DNS

g) DHCP

h) NTP (Chrony)

i) MySQL

j) Maria DB

k) Puppet

l) Ansible

m) LDAP

n) NIS

o) iSCSI Target/Initiator

p) Jenkins

q) Web Servers HTTP/HTTPS

r) Nginx

s) Zabbix

t) NagiOS

u) YUM servers

v) Postfix

w) Squid

x) Rsyslog

**3) High Availability Cluster Server**

**4) Virtualization in RHEL 8: KVM**

**5) Multifactor Authentication in RHEL 8**

**6) SSH Port Forwarding**

**7) RHEL 8 New Features:**

a) Startis Filesystem

b) Cockpit Web Console

c) Lorex Composer Runtime

d) Podman Containers

e) Firewalld (NFTables)

f) Chronyd (NTP)

g) DNF

**8) Basic Shell Scripting:**

a) Introduction To Shell Scripting

b) Comments & Variables

c) Use of Read operator

d) Passing The Arguments

e) Using If, Then & Else Statements

f) File Test Operators

g) Nested If Condition

h) Logical AND Operations

i) Logical OR Operations

j) Arithmetic Operations on Integers

k) Arithmetic Operations on Decimal Numbers

**9) Complete Ansible Automation:**

a) Ansible Introduction, Why Do We Need Ansible & Advantages of Ansible

b) Push Based Vs Pull Based Architecture, Ansible Architecture & Terms Used in Ansible

c) Ansible Working, Installation of Ansible in RHEL & Connection With Clients Using SSH

d) Installation of Ansible in Ubuntu & Ansible Ad-Hoc Commands

e) Ansible Modules | Working of Ansible Modules With Examples

f) Ansible Playbook Writing | Introduction To YAML

g) Using Variables in Ansible | Variables in Playbooks, Templates & Inventory Files

h) Using Variables in Ansible | Using Conditional Operators & Variables in Playbooks

i) Using Variables in Ansible | Using Files In Ansible Playbooks & Enabling Ansible Logs

j) Writing Ansible Playbook To Configure Apache Web Server | Writing Long Playbooks

k) Writing Ansible Playbook To Configure LVM on Server | Writing Long Playbooks

l) Using Tags in Ansible | Ansible Tags Working | How To Use Tags in Playbooks

m) Using Roles in Ansible | Ansible Roles Working | How To Use Roles in Ansible?

n) Ansible Galaxy | How To Upload Roles on Github & Ansible Galaxy

o) Ansible Vault | How To Secure Playbooks Using Ansible Vault

p) Ansible Tower | Install & Configure Ansible Tower in RHEL 8 & Attach Subscription

------------------------------------------------------------------------------------------------------------------------------

**Note: All sessions recordings & study material will be provided from our side for future use.**