

# Become a World class Linux System Engineer

## Course Outline:

### RHCSA (Red Hat Certified System Administrator)

- ✓ INTRODUCTION TO LINUX
- ✓ ACCESSING COMMAND LINE
- ✓ GETTING HELP IN RHEL
- ✓ CREATING, VIEWING & EDITING TEXT FILES
- ✓ MANAGING USERS & GROUPS
- ✓ LINUX FILE PERMISSIONS
- ✓ MONITORING LINUX PROCESSES
- ✓ CONTROLLING SERVICES & DAEMONS
- ✓ CONFIGURING & SECURING OPENSSSH
- ✓ ANALYZING LOGS
- ✓ MANAGING LINUX NETWORKING
- ✓ INSTALLING & UPDATING PACKAGES
- ✓ ACCESSING LINUX FILE SYSTEMS
- ✓ INTRODUCTION TO VIRTUALIZATION
- ✓ INSTALLATION WITH KICKSTART
- ✓ USING GREP
- ✓ EDITING FILES WITH VIM
- ✓ SCHEDULING LINUX TASKS
- ✓ MANAGING PRIORITY OF LINUX PROCESS
- ✓ ACCESS CONTROL LISTS
- ✓ MANAGING SELINUX SECURITY
- ✓ NETWORK DEFINED USERS – OPENLDAP
- ✓ LOGICAL VOLUME MANAGER
- ✓ TROUBLESHOOTING BOOT PROCESS
- ✓ REVIEW & RHCSA EXAM PREP

### RHCE (Red Hat Certified Engineer)

- ✓ CONTROLLING SERVICES & DAEMO
- ✓ MANAGING IPV6 NETWORKING
- ✓ LINK AGGREGATION & BRIDGING
- ✓ NETWORK PORT SECURITY
- ✓ DNS SERVERS
- ✓ CONFIGURING EMAIL TRANSMISSION
- ✓ BLOCK STORAGE – ISCSI
- ✓ NFS & SAMBA SERVERS
- ✓ CONFIGURING WEB SERVER – APACHE
- ✓ VIRTUAL WEB HOSTING – APACHE
- ✓ CONFIGURING HTTPS WEBSITE – APACHE
- ✓ CONFIGURING DYNAMIC WEBSITE – APACHE
- ✓ CONFIGURING MARIADB DATABASE
- ✓ BASH SHELL SCRIPTING
- ✓ REVIEW & RHCE EXAM PREP



Level 1 - RHCSA (Red Hat Certified System Administrator) - INR 0 (Free of cost)  
Registration Fees: Rs 500 (Refundable if 100% attendance)  
Course Duration: 16 Days (54 Hrs)

Level 2 - RHCE (Red Hat Certified Engineer) - INR 4000+ Taxes  
Course Duration: 11 Days (36 Hrs)

**Combo Training – RHCSA + RHCE -**  
INR 3500+ Taxes  
Course Duration: 27 Days (90 Hrs)

**Bulk Combo Training (100 participants)**  
-- RHCSA + RHCE - INR 2500+ Taxes  
Course Duration: 27 Days (90 Hrs)

\* No. of Days may be inc./dec. according to progress of students.

#### CERTIFICATION:

- # Training Certificate by RED HAT and Network Nuts
- # Industrial Certificate by giving Exam (Paid\*) by RED HAT

#### AUDIENCE:

- # All CSE/IT/ECE/MCA who are appearing in 6<sup>th</sup> sem exam
- # All CSE/IT/ECE who are appearing in 8<sup>th</sup> sem exam

#### IMPORTANT DATES:

- # Last Date for Registration: 5 May, 2018
- # Training Date: After End semester Exams

Co-ordinator:

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