Red Hat Linux with advance Shell Scripting

Duration: 35-40 hours class room program

Prerequisites: No eligibility, course start right from Redhat OS installation

Lab – 30 hours' lab sessions + 50 plus exercises

After the classes – Students will easily crack UNIX and Shell scripting interview and have advance knowledge of Shell scripting and automation

Who should go for this course?

- Database developers
- ETL testers
- Linux Administrator
- Support Professionals
- Manual Testers
- Quality Analysts
- Java Developers

Syllabus:

Module-1

- Understand the architecture of UNIX.
- Understanding the basics of UNIX
- File Systems for synchronize storage of files
- Details explanation of file attributes
- Basic commands and concepts
- Command Manuals
- Relative and Absolute Paths
- Environment variables
- Understand parent-child relationship of process and jobs
- Basic of editor: vi

  Module 1 Assignments

Module 2

- Shell Introduction
- Advantages of the Shell
- Executing shell commands

- Different types of shell
- What is shell Scripting?
- Writing basics shell scripts
- Interpolation, Types of variables, Operators, read variables, exit status etc
- Common commands used in shell script: substitution, quoting, flow controls, parameters, Shell initialization files, Quoting characters, Shell expansion, Aliases
- Shell scripting execution
- Module 2 Assignments

Module-3

- Special Variables and Parameters
- Function Introduction
- Understand how functions use as independent building blocks
- Scope of variable in functions - local & global
- Input/output redirection
- Variables substitution in shell
- Connect to third party application like: Oracle, FTP etc.
- HERE documents
- Regular Expressions in detail (use grep, awk, sed)
- Industry experience sample scripts debugging
- Standard process of writing shell scripts as per company standards.
- Module 3 Assignments

Module-4

- Important commands and utilities like cut, sort, uniq, grep, find, awk, sed etc
- nohup and backend processes
- Signals handling and trapping
- SED Utility in detail
- GREP Utility in detail
- FIND Utility in detail
- AWK utility in detail
- Famous and often use cases with one liner examples
- Module 4 Assignments

Module-5

- Assigning values to positional parameters
- Compress and archive the files
- Debug your shell Scripts
- Crontab and at utilities for job scheduling
- Job scheduling third party tools discussion

Additional Benefits:

- We provide real time scenarios examples, how to work in real time projects
- We guide for resume preparation by giving sample resume
- Will give you 2 POC (proof Of Concept) with Data set so that you can practice before going for interview
- In 4 weeks training we provide study material's soft copy and hard copy in classroom itself
- We provide hands –on in class room itself so that you can understand concepts 100%
- We give assignments for weekdays practice

For more information Contact: