

UNIX Shell Scripting

Duration: 20 - 24 Hours

Prerequisites

- Knowledge of any Programming Language & Operating System

Course Content

1. Fundamentals of UNIX

- Understand the architecture of UNIX.
- Understanding the basics of Unix
- Details explanation of file Attributes
- Basic commands and concepts.
- Command Manuals
- Relative and Absolute Paths
- Environment variables.
- Basic of editor: vi

2. Introduction to vi- editor

3. Shell Scripting

- Shell Introduction
- Different types of shell
- What is Shell Scripting?
- 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 scripting execution
- Variables and Parameters
- Loops, statements etc

4. Shell Scripting – Advanced I

- Function Introduction
- Input/output redirection
- Variables substitution
- Connect to third party application like: Oracle, FTP etc.
- Regular Expressions
- Industry experience sample scripts debugging
- Important commands and utilities like grep, find, awk, sed etc.

5. Shell Scripting – Advanced II

- Crontab and at command
- Job scheduling third party tools discussion
- Compress the files
- nohup and backend processes
- AWK utility in detail
- Signals