

MindBox E-Learning Services.LLP

Shell Scripting Online Training Course

Content Duration : 20
Hours|Assignments|Materials| Record
Videos|Realtime Examples|

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
- **Assignment on each important Topics**
- **Interview and resume preparation**
- **Discussion on Real Time Scenarios**

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