



Course Overview

BISP provide the best online training classes, our curriculum was designed by industry experts which helps candidate to learn UNIX architecture, basics to advanced concepts, shell scripting, UNIX commands, and Server. We work on real scenario based real time industry challenges and industry projects or assignments for our professional candidates. We share two real-time projects with our candidates which are in line with Unix Shell Scripting certification exam that helps candidate to build experience and confidence from beginner to advance on concepts.

Who should learn the course?

- Unix Developers
- Unix Administrators
- Testing Professionals
- Mainframe Professionals
- Data Analysts
- Software Engineers

UNIX Shell Scripting online training course curriculum

Introduction to Unix Shell Scripting

- Unix Shell Scripting Basics

Unix Shell Scripting Basics

- The Bourne Shell (sh)
- The C Shell (csh)
- The Bourne Again Shell (bash)

Working With Vi Editor In Unix

- Working with Unix Vi Editor
- Modes of Unix Vi Editor

Modes of Unix Vi Editor

- Command mode
- Insert mode
- Ex command mode
- Vi editor saving and quitting commands

Working With Unix Variables-Features Of Shell Scripting

- Features of Shell Scripting- Unix Variables
- Defining a Variable
- Accessing a Variable
- Types of Variables

Types of Variables

- Environment variables
- Predefined variables
- User-defined variables
- Other Shells

Operators in Unix

- Unix Shell Script Arithmetic And Boolean Operators
- Operators in Unix

Operators in Unix

- Shell Arithmetic Operators
- Explaining with examples
- Shell Logical Boolean Operators
- Explaining with examples

Conditional Coding in Unix

- Unix Conditional Statements
- If Then Else And Relational Operators
- Unix Conditional Statements The if-elif-fi

Unix Conditional Statements The if-elif-fi

- The if statements
- The if...else statements
- The if...elif...else...fi statement
- Check if an input number is positive
- Check if an input number is positive or not
- Check if an input number is positive, zero or negative

Using Switch Case In Unix Shell Scripting- Case-Esac Statement

- Overview of Unix Switch Case Statements
- Unix Shell The case-esac Statement
- Shell Switch Case Syntax and Examples

Loops in Unix

- Overview of Unix Shell Loops
- Unix Shell Loop Types

Unix Shell Loop Types

- Do While Loop
- For Loop
- Until Loop

Loops in Unix

- Unix For loop statement
- Unix While loop statement
- Unix Until loop statement

➤ Program illustrations for BREAK operation

Functions in Unix

- Overview of Unix Shell Functions
- Working with Functions in Unix

Working with Functions in Unix

- How to create functions?
- Passing parameters to a function
- Returning a value from a function
- Syntax for defining functions

Syntax for defining functions

- Examples of Syntax for defining functions
- Functions can return values

Functions can return values?

- Change the state of a variable or variables
- Use the return command to end the function and return the supplied value to the calling section of the shell script.
- Capture the output echoed to the stdout

Unix Text Processing Commands

- Overview of Unix Filters Text Processing Utilities
- Commands

Commands

- Unix Filters
- Unix Pipes
- More Filter Commands like awk and sed

Text Processing in Unix

- Unix Filter Commands

Unix Filter Commands

- grep
- sort
- uniq
- cat
- more
- cut
- paste
- head
- tail
- wc
- tr

Pipes In Unix Programming

- Overview of Pipes
- Pipes in Unix

More Unix Filter And Awk, Sed Commands In Text Processing

- Overview
- More Unix Filter Commands
- Commands

Commands

- tr
- tee

Unix sed and awk Text Processing Utilities

- Commands

Commands

- awk
- sed

Command Line Arguments In Unix Shell Script

- Overview of Unix Command Line Arguments
- Commands

Commands

- set
- shift

Advanced Unix Shell Scripting

- Overview
- Advanced Shell Scripting in Unix

Advanced Shell Scripting in Unix

- Arrays
- File Test Operators
- String Test Operators
- Special Variables

Delivery Methodology

- We are using an experiential delivering methodology that blends theoretical concepts with hands-on practical learning to ensure a holistic understanding of the subject or course

Class Delivery

- Live Interactive classes with expert