Automation with Shell Scripting

NarendraP

Learn How to Automate Common Tasks with Bash Shell Scripting

Course Overview

➢ **Shell Scripting is a great way to Automate repetitive tasks in our Linux/Unix Environment.**

➢ **What is a Shell Script ?**
  ➢ **Shell Script is a sequence of system commands pasted in a text file.**
  ➢ **Example:**
    ➢ **Send some XYZ Report to compliance team @ Every Friday**
      ➢ **Report: Versions Info of Docker and Nginx and OS Uname**

➢ **We can enhance the shell scripts by using the below concepts:**
  ▪ **Variables**
  ▪ **Filters like grep, cut, awk and sed Commands**
  ▪ **Conditional Statements**
  ▪ **Loops**
  ▪ **Functions**
  ▪ **Job Scheduling and Many more**

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**Automation
with
Bash Shell Scripting
(#!/bin/bash)**

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Syllabus for the Course

- How to write shell scripts from basic to advanced level
- What is the shebang line and why every shell script need ones.
- How to create and use variables
- Testing and Decision Making
- Command line arguments
- Input and output
- Conditional Statements
- Exit status
- filters like grep, awk, cut ,sed, tr and find
- Functions
- Wildcards
- Loops
- Case statements
- Logging
- Debugging tips
- Bash Shell Options
- Working with remote servers
- Practice on each topic

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Prerequisites to Enroll this Course

➢ **Basic knowledge on Linux/Unix OS and Commands**
➢ **Basic Knowledge to use vi/vim command line editors**

StackStorm: Event-Driven Automation Tool for DevOps and Infrastructure

Who Can Enroll This Bash Shell Scripting Course ?

➢ **Any Admin who is using Server/OS as Linux/Unix**

Thank you