Mastering Bash Scripts Training

Duration: **4 Day**

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Overview

This course deals comprehensively with the capabilities of BASH and the utilities commonly used in the development of scripts. The training concentrates on a common approach to BASH on variants of UNIX, and currently covers versions of BASH up to 4.1.

Target Audience:

The course is aimed at programmers and analysts operating in Unix environments using BASH, as well as Unix system and network managers. This course is particularly suitable for those companies, which take a multi-vendor open systems view, and is applicable to all flavours of UNIX including Linux, HP-UX, Solaris, AIX, and so on.

Prerequisites

- Delegates should have a good working knowledge of Linux or UNIX systems, which includes a working knowledge of UNIX commands and utilities. This can be gained by attending our UNIX Fundamentals or Linux Essentials courses
- Delegates should also have a practical understanding of programming concepts such as variables, and decision-making constructs.

What You Will Learn

At the end of this course you will be able to:

- Use all significant features of the BASH language
- Implement advanced variable and array manipulation
- Develop shell scripts that contain advanced decision making constructs
- Use the tracing features to speed the development of shell scripts
- Implement advanced data stream handling by using process substitution
- Incorporate functions in script design
- Integrate BASH scripts with those written using other shells
- Write reliable, maintainable and efficient shell scripts