Optimizing and Troubleshooting SUSE Linux Enterprise Server 11

Duration 3 Days

COURSE OVERVIEW

In this course the student will learn how to optimize the performance of the SUSE Enterprise Linux Server 11. They will understand the concept of System Optimization and methodologies that are used to monitor, analyse and tune SLES 11 systems. They will be exposed to the general troubleshooting techniques and recovery techniques.

COURSE PREREQUISITES

This is an advanced course Students should be familiar with SUSE Linux (of any variety) to get maximum value from this training. CLP 9/10/11 certification is STRONGLY advised, as the pace of the course labs and lecture is very fast and both presume the students are experienced with the Linux command line, YaST, and system hardware configurations. Although scripting experience is not required, it is also strongly recommended.

OUTLINE

Day 1: Optimization 1
- Section 1: Introduction to System Optimization
- Section 2: CPU Subsystem Optimization
- Section 3: Memory Subsystem Optimization
- Section 4: Storage Subsystem Optimization

Day 2: Troubleshooting
- Section 1: Network Subsystem Optimization
- Section 2: Application Subsystem Optimization
- Section 3: Troubleshooting Methodology
- Section 4: Troubleshooting Tools
- Section 5: Troubleshooting System Startup and Shutdown

Day 3: Backup and Recovery
- Section 1: Troubleshooting Kernel Configuration
- Section 2: Troubleshooting Kernel Panic Dumps
- Section 3: Introduction to Configuration Backups
- Section 4: Configuration Backup Fundamentals
- Section 5: Rapid Recovery