

AIX Patching

Course Duration: 4 days

Course Description: The "AIX Patching Essentials" course is designed to provide IT professionals, system administrators, and anyone responsible for managing AIX (IBM's Advanced Interactive eXecutive) systems with the knowledge and skills necessary to effectively plan, implement, and maintain patching processes on AIX platforms. AIX is a robust Unix-based operating system widely used in enterprise environments, and keeping it up to date with patches is crucial for security, stability, and compliance.

Course Outline:

1. **Introduction to AIX Patching**
 - Importance of Patching
 - Patching Objectives
2. **Preparing for AIX Patching**
 - System Assessment
 - Backup and Recovery Planning
 - Downtime Scheduling
 - Obtaining Patches
3. **Understanding AIX Patch Types**
 - Technology Level Updates
 - Service Packs
 - Security Updates
 - Recommended Maintenance Level (RML)
4. **AIX Patching Process**
 - Patching Workflow
 - Applying Patches
 - Rolling Back Patches
5. **Patch Management Tools**
 - IBM Installation Manager
 - Command-line Tools
 - Altinst - Alternate Disk Installation
6. **Best Practices for AIX Patching**
 - Patching Schedules
 - Testing in a Sandbox
 - Documentation and Change Control
 - Monitoring and Reporting
7. **Troubleshooting AIX Patching**
 - Common Issues
 - Log Analysis
 - Contacting Support
8. **Security Considerations**
 - Patching for Security
 - Post-Patching Hardening
9. **AIX Patching in Specific Scenarios**
 - Clustered Systems
 - Virtualized Environments
 - High Availability Systems