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Course 708: Solaris 10 Troubleshooting (5 days)

Course Description...

Solaris 10 is a stable OS yet, as with any complex system, it can have problems. The student completing this course will have the knowledge and techniques necessary to quickly find the cause or causes of anomalous behavior and make informed decisions on how to lessen or fix the problem. After a review section, the course presents typical problems and solutions.

Suggested Prerequisites...

This is a third course in Solaris system administration. To be successful in the program, attendees must have experience equivalent to that provided by ROI's Solaris 10 Workstation Administration (#706) and Solaris 10 Server Administration (#707) courses.

Who should attend...

Administrators responsible for troubleshooting problems on Solaris 10 systems.

Learning Objectives...

- Learn and practice an approach to troubleshooting Solaris 10 systems
- Steps necessary to make sure problems can be found easily and resolved
- Hands on experience with troubleshooting tools

See next page for a detailed course outline...



Course Outline...

Introduction and Overview

UNIT 1: General Troubleshooting Process

- Logging for troubleshooting
- Simple tool review
- How to find out what is wrong

UNIT 2: Boot Problems

- Booting from Rescue disk
- Client side DHCP
- Lost root passwords
- System hung

UNIT 3: Service Management Facility

- Overview
- Service not starting
- Corrupt repository

UNIT 4: Software and Patches

- Correctly loading software
- Specific software problems
- Adding and removing software

UNIT 5: File System Problems

- UFS
- RAID
- LVM
- cashefs
- tmpfs
- Permissions

UNIT 6: Resource Management

- Accounting review
- Resource capping
- Dynamic resource pools



UNIT 7: Zone Mangement

- Zone Overview
- Installing, halting, and removing
- Software management
- Applications management
- Resource controls

UNIT 8: Networks

- Address problems
- ipfilters
- Network Security
- Stack tuning
- Client side DNS
- IP QoS Introduction

UNIT 9: Network Service

- LDAP
- Kerberos
- NFS
- Samba
- ssh
- VPN

Other Topics

- 1.System Management Agent
- 2.Kernels and Modules
- 3.Solaris Auditing

Please contact your ROI representative to discuss course tailoring!!!