

# Oracle Solaris 11 Fault Analysis and Troubleshooting

## **Analyzing System Failures and Troubleshooting Techniques**

- Overview of Oracle Solaris System Fault Types
- Using Assumptive Troubleshooting Techniques
- Mitigate the impact of system faults

## **Utilizing Useful Troubleshooting Tools in Oracle Solaris 11**

- Hardware Components
- Method for troubleshooting hardware faults
- Server Processor (SP)
- OpenBoot PROM
- Hardware Diagnostics

## **Troubleshooting Solaris Startup Faults**

- Oracle Solaris OS Startup
- Troubleshooting the System for Booting Problems
- Service Management Facility (SMF)

## **Troubleshooting Image Packaging System (IPS) Problems**

- Reviewing IPS Features and Functionality
- Checking the Basics
- Installing and Updating Packages
- Fixing Package Problems

## **Troubleshooting Automated Installer (AI) Problems**

- Reviewing AI Features and Functionality
- Troubleshooting Client Installation Failures
- Manually Installing After Booting

## **Troubleshooting Problems with Zones**

- Reviewing Zones Features and Functionality
- Checking the Basics
- Using Zones-related SMF Services
- Monitoring Non-Global Zones
- Fixing IPS Problems with Non-Global Zones

## **Troubleshooting Physical and Virtual Network Problems**

- Reviewing Physical and Virtual Network Features and Functionality
- Checking the Basics
- Observing the Network

## **Troubleshooting Workshop**

- Reviewing the Requirements for the Troubleshooting Workshop