

Achieving PCI DSS Compliance with Oracle Solaris 11

Introduction

- Course Goals
- Agenda
- Introductions
- Your lab network topology

Introducing Payment Card Industry Data Security Standard

- Explaining the role of PCI DSS in the card transaction industry
- Mapping PCI DSS requirements with Oracle Solaris 11 features
- Assessing the PCI DSS compliance of an Oracle Solaris system

Configuring a PCI DSS Compliant Oracle Solaris System

- Installing the Oracle Solaris 11 OS and perform its initial security configuration
- Protecting card holder data using ZFS and Oracle Solaris Cryptographic Framework
- Implementing access control measures using PAM modules and role-based access control
- Maintaining a vulnerability management program using IPS and SRUs
- Building a secure network using packet filter and Oracle Solaris Zones
- Monitoring access to network resources using audit service and compliance assessments

Deploying PCI DSS Compliant Systems

- Creating a unified archive of the PCI DSS compliant system for deployment
- Deploying PCI DSS compliant environment by using AI
- Deploying PCI DSS compliant environment by using OpenStack