

Solaris 10 System Admin Part I and II Accelerated



Course Description

This training program provides students with an accelerated schedule. Through a combination of new content, lab exercises, and top notch presentations, students will be integrated in the world of Solaris 10 operating system (Solaris 10 OS) administration and be prepared to take the Sun Certified System Administrator for the Solaris 10 OS Exam, Parts I & II.

This accelerated course provides experienced system administrators with the necessary skills to successfully administer Sun Microsystems Solaris 10 OS-based desktop and server systems. Live, breath, eat, and drink Solaris 10 OS administration for one week. Receive vouchers for the Sun Certified System Administrator for the Solaris 10 OS Exam Part I and for the Sun Certified System Administrator for the Solaris 10 OS Exam Part II.

This course supports the following two courses

System Administration for the Solaris 10 Operating System Part 1

This course gets you further engaged with the most efficient, secure, and reliable operating system ever built, giving you direct experience with the most essential system administration tasks in the Solaris 10 OS. You will be instructed in crucial system management skills including managing local disk devices, managing UFS file systems, installing and removing Solaris packages and patches, and performing system boot procedures. The course also covers user and security administration, managing network printers and system processes, and performing system backups and restores. This course is the first of a two-part series that helps you prepare for Part I of the Sun Certified System Administrator for the Solaris 10 OS Exam.

System Administration for the Solaris 10 Operating System Part 2

This course expands your mastery of the most advanced operating system on the planet Solaris 10. This course provides you with hands-on experience working with more complex and integrated administration concepts as it builds upon the Part 1 course. You will be instructed in essential system administration skills including configuring network interfaces, managing swap configurations, crash dumps, and core files. The course also covers configuring NFS and AutoFS, as well as system messaging, managing storage volumes and ZFS file systems, setting up naming services, and managing Solaris Zones. This course helps you to prepare for Part II of the Sun System Administrator for the Solaris 10 OS Exam. Note The hands-on labs offered in this course may involve accessing equipment that resides at a location other than where the training is delivered.

Certification

Sun Certified System Administrator for the Solaris 10 OS Part I (CX-310-200)

The Sun Certified System Administrator for the Solaris 10 OS Part I Exam is for candidates with a minimum of six to twelve months of experience as a system administrator. The exam presumes the test candidate has an in-depth knowledge of basic UNIX and Solaris OS commands, such as those commands covered in the SA-200-S10 courseware. The exam also presumes the test candidate has system administration expertise for SPARC-, x64-, and x86-based systems. The examination includes multiple-choice, scenario-based questions and drag-and-drop questions and requires extensive knowledge on Solaris OS administration topics, including how to manage file systems, install software, perform system boot and shutdown procedures, perform user and security administration, manage network printers and system processes, and perform system backups and restores. The examination is a prerequisite to the Sun Certified System Administrator for the Solaris10 OS Part II Exam. Test candidates must pass the Part I exam before proceeding to the Part II exam.

Students Will Learn

- **Manage file systems**
- **Perform system boot procedures**
- **Perform user and security administration**
- **Manage network printers and system processes**
- **Perform system backups and restores**
- **Describe network interface configuration**
- **Describe Sun Connection services**
- **Manage swap configurations**
- **Manage core dumps**
- **Configure NFS and AutoFS**
- **Configure, install, and boot a zone**
- **Configure a custom JumpStart software installation**
- **Perform a Flash installation**
- **And more...**

Target Audience

System administrators who are preparing to perform essential system administration procedures in the Solaris 10 and preparing for the Solaris 10 Certification.

Prerequisites

Perform basic UNIX tasks
Understand basic UNIX commands
Use the vi text editor
Interact with a windowing system

Course Outline

1. Introduction to Zones

- Different zones features
- How and why zone partitioning is used
- Configure zones
- Install zones
- Boot zones

2. Configuring Custom JumpStart Software

- JumpStart software

- Implement a basic JumpStart server
- Set up JumpStart software configuration alternatives
- Configure DHCP server for PXE installation
- Configure PXE server and client
- Troubleshoot the JumpStart software process
- Configure a naming service to support JumpStart

3. Performing a Flash Installation

- Flash installation feature
- Manipulate a Flash archive
- Use a Flash archive for installation
- WANboot Flash installation

Notes

Labs

The hands-on labs offered in this course may involve accessing equipment that resides at a location other than where the training is delivered.

Delivery Method

Instructor-Led with numerous Hands-Labs and exercises.

Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

5 Days