Course Number E3749C or Y
Scheduled, Dedicated

Agilent 3070 Family System Administrator for HP-UX 10.X

Overview

Learn the essentials necessary to successfully manage the Agilent 3070 Family of Board Test Systems

Course Overview
Learn how to successfully perform the tasks required of an Agilent Technologies 3070 system administrator. Understand the file system concepts and start-up/shutdown procedures. Discover the tools available to the system administrator. Strongly recommended for new system managers requiring an introduction to system management concepts, issues and solutions.

What You Will Learn
- Learn the fundamentals of HP-UX system administration for 3070 systems
- Gain knowledge of HP-UX file system management as it applies to the 3070
- Use the System Administration Manager (SAM) to assist with system administration duties
- Install or delete users, change passwords and permissions
- Install software upgrades and create a disaster recovery system
- Understand LAN fundamentals and learn to install additional test stations, peripherals, and instruments on the LAN
- Understand the Common Desktop Environment (CDE)
- Gain knowledge of the boot process for individual 3070 modules and LAN connections to the ControlXT card
- Understand Hierarchical File System (HFS)

Specifications
Course Type
User/Application Training

Audience
Engineers and technicians responsible for 3070 board test system administration

Prerequisites
Successful completion of Agilent 3070 Family User Fundamentals training (E1031A), or Agilent 3070 Family Production Support (E3797C) and HP UNIX System Basics I (51489S) courses or equivalent experience

Students should understand the HP-UX file structure and associated file commands such as cd, ll, ls, mkdir, mv, cmod, chgrp and chown.

Course Length
4.5 days

Course Format
Instruction consists of a combination of audio-visual, lectures, and lab exercises.

Delivery Method
Scheduled (at Agilent training locations) or *Dedicated* (at customer site)
To save you time and travel, many Agilent courses can be delivered at your site. Agilent can provide required equipment, or save money by furnishing your own.

Detailed Course Agenda
- Identify responsibilities of system administrator
- Identify the HP-UX documentation targeted for system administrators
- Identify three sources of information for system administrators

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- File system concepts: files and directories
- Useful HP-UX commands
- Kernel changes for the 3070
- O/S changes specific to the 3070
- Describe the 10.x file system paradigm
- Locating 3070 software on the system
- Locating 3070 data on the system
- Locating system and application files
- PATH, MANPATH, and SHLIB_PATH variable settings
- Transition link management
- Navigation commands for the HP-UX file hierarchy
- Using SAM
- Add system Users
- Setting passwords and environments
- Communication with users
- Device files
- Accessing peripherals
- System start-up
- Explanation of/etc/iniitab file
- Changing system run level
- Proper system shut-down
- Rebooting the system
- Managing the disk space
- Create a file system
- Mounting/unmounting file systems
- Maintenance of the file system
- Understand causes of file system corruption
- Repairing corrupt file systems
- File System Management
- Management of swap space
- System back-up procedures
- Booting the system
- Scheduling jobs
- Add/remove printers
- Manage printer ques
- Troubleshoot problems with LP spooler
- Understand testhead hardware architecture
- Troubleshoot testhead won't boot scenarios
- Installing supported peripherals
- Introduction to CDE Administration

For the latest information on class schedules and locations, visit our website:
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www.agilent.com/find/assist

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