hp certified professional: certified systems engineer – hp-ux advanced system administration practical exam h6701s

See Candidate Rules and Conditions of the HP Certified Professional Certified Systems Engineer of the HP Certified Professional Certified Systems Engineer.

exam overview

This 2 day practical exam verifies your knowledge and ability to perform hands-on HP-UX advanced administration and troubleshooting tasks. A thorough assessment of your understanding of how to troubleshoot the HP-UX environment and how to provide disk management using HP's Logical Volume Manager (LVM) is achieved in this practical exam. Successful completion of this practical exam results in certification as an HP Certified Professional Certified Systems Engineer – HP-UX Advanced System Administration. As HP products are launched, HP will update course offerings and introduce new certification exams. Candidates will have 6 months to take new exams to keep their certification current.

audience

HP Certified Professional HP-UX Certified System Administrators that wish to achieve Advanced Certification in HP-UX Advanced System Administration.

benefits to you

HP Certified Professional - Certified Systems Engineer, is valuable for technical personnel involved in developing and maintaining software for UNIX-based systems.

- Technical credibility
- Better problem-solving skills
- Greater job satisfaction through increased technical competency.
- Recognition by peers, employer, and industry of Hewlett-Packard technical expertise
- Potential for career advancement

As an HP Certified Professional Certified Systems Engineer you will enjoy both tangible and intangible benefits: HP Certified Professional Welcome Kit containing a welcome letter, logo (for your business cards, or stationary), certificate, and recognition gift.

suggested preparation

Relevant practical experience or the following recommended course:

- Ignite-UX (H1978S)
- HP-UX System and Network Troubleshooting (H4264S)
- Hands on with Logical Volume Manager, MirrorDisk/UX and JFS (H6285S)
- Significant field experience performing HP-UX operations tasks
- Significant field experience using Software Distributor

Topics covered in suggested preparatory courses may be included in the practical exam.
pre-requisites

Successful completion of HP-UX system administration certification (exam HP00-002)

performance objectives

General performance areas:
- Significant familiarity with HP's Ignite-UX product
- Significant familiarity with HP's MirrorDisk/UX product
- Significant familiarity with HP's Support and Recovery CD
- Significant familiarity with HP's Software Distributor product

Specific performance areas:
- Configure, remove, manage, and troubleshoot peripheral devices
- Configure, remove, and manage device swap, file system swap, and pseudo swap
- Configure, view, and manipulate crashdumps
- Create and use a system recovery tape
- Properly trim system log files
- Configure, modify, and remove user accounts
- Create, modify and remove groups
- Set the TERM, PATH, PS1, and other Posix shell environment variables
- Troubleshoot problems encountered during system startup and user login
- Create, modify, manage, and repair file systems
- Create, modify, remove, and manage LVM volume groups
- Create, modify, remove, and manage LVM logical volumes
- Create, modify, and manage the special structures needed for bootable disks
- Add and remove HP-UX kernel subsystems and drivers
- Modify HP-UX kernel parameters
- Create a backup copy of the HP-UX kernel
- Boot from a backup HP-UX kernel
- Install, update, list, and remove software with SD-UX
- Create, modify, list, register, unregister, and remove SD-UX depots
- Install, remove, list, commit, and supersede HP-UX patches

to register

You can register for this exam online at http://hp/go/certification. At the site, select “country information”, choose “Operating System” and “certified systems engineer”, then “exam registration” and fill out the online registration form.

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