Purpose of the Exam Prep Guide

The intent of this guide is to set expectations about the content and the context of the exam and to help candidates prepare for the exam. In this guide, you will find recommended HP training courses, reference and study material to help you achieve a successful passing score.

Studies conducted by HP and Prometric show that a combination of course attendance and self-study maximizes the likelihood of passing the exam on the first attempt.

Audience

This exam is for System and network administrators, system integrators, support engineers, and technical consultants with have advanced level knowledge of HP-UX and at least 2-3 years of HP-UX administration experience.

Examples of job roles:
- HP Field and Competency Center Presales Solution Architects
- HP Partner Pre and Post Sales Specialists and Consultants
- Customer IT staff

Certification Requirements

The HP-UX Networking and Security HP0-094 exam is one of the elective requirements to be certified as Certified Systems Engineer.

The HP0-092 exam plus one of either HP-UX High Availability Using Serviceguard (HP0-093) or HP-UX Networking and Security (HP0-094) fulfill the requirements for HP-UX Certified Systems Engineer. Visit the HP Certified Professional website for additional information, www.hp.com/go/certification.
Prerequisites

The prerequisite for taking this exam is successful achievement of HP-UX Certified System Administrator (CSA). Advanced-level knowledge of and at 2-3 years of hands-on experience with HP-UX is expected. Attendance at the HP training courses listed in the Recommended Training section below is highly recommended.

Exam Details

At the beginning of the exam, you will be asked to answer several survey questions. The survey questions are designed to assist the exam development team in accurately profiling test results and to improve future exams.

The following are details about the exam:

- Number of items: 60
- Item types: multiple choice, drag and drop
- Time commitment: 90 minutes
- Passing Score: 60%
- Reference Material: No on-line or hard copy reference material will be allowed at the testing site.

Comments on the Exam

During the exam, participants can make specific comments about the items (i.e., accuracy, appropriateness to audience, etc). HP welcomes these comments as part of our continuous improvement process.
Exam Content

The following testing objectives represent the specific areas of content covered in the exam. Use this outline to guide your study and to check your readiness for the exam. The exam measures your understanding of these areas.

1. Describe and apply TCP/IP networking concepts (10%)
   - Describe MAC addressing and its use
   - Describe IP addressing and its use
   - Describe the physical components of an HP-UX networked system
   - Describe the TCP/IP layered model
   - Describe how HP-UX interoperates within switched and routed networks

2. Perform HP-UX network administration tasks (30%)
   - Configure an HP-UX end system to join an existing TCP/IP network
   - Configure HP-UX network services to interoperate within an existing TCP/IP network
   - Configure selected network applications
   - Monitor network operation, utilization and performance using tools and utilities included with HP-UX

3. Describe best security practices on HP-UX networked systems (10%)
   - Describe the attributes of a security policy
   - Describe and configure HP-UX system components and attributes that affect system security
   - Describe the network services included with HP-UX and how they may be started
   - Describe how to secure the network services included with HP-UX
   - Describe Kerberos as it is used in an HP-UX environment
   - Describe PAM as it is used in an HP-UX environment.
   - Describe IPSec as it is used in an HP-UX environment.
   - Describe the purpose and use of Service Control Manager.
   - Describe the purpose and function of selected security applications commonly used on HP-UX systems
4. Configure HP-UX network services to conform to best security practices (30%)
   - Describe the components and processes that control the startup of network services at boot time
   - Describe and configure network services managed by the inetd
   - Describe and perform task necessary to remove unneeded or unsecure network services
   - Configure applications that support secure HP-UX environments

5. Describe how to resolve common problems (20%)
   - Troubleshoot network configuration problems
   - Resolve network security issues

Recommended Training and Study References

This section lists training courses and documents that can help you acquire a majority of the knowledge and skills needed to pass the exam. You must also gain the practical experience outlined in this guide.

You are not required to take the courses listed in this section. However, HP strongly recommends that you attend the classes, participate in class labs, and thoroughly review all course material and documents before taking the exam, even if you believe you have sufficient on-the-job experience.

Instructor-Led Training

Use the information in this guide and the practical experience you have gained to determine your need for the instructor-led training.

<table>
<thead>
<tr>
<th>Recommended minimum training</th>
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</thead>
<tbody>
<tr>
<td>Practical UNIX System and Network Security</td>
<td>H3541S</td>
<td>5-day ILT/RAIL</td>
</tr>
<tr>
<td>HP-UX System and Network Troubleshooting</td>
<td>H4264S</td>
<td>5-day ILT/RAIL</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Additional recommended courses</th>
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<tbody>
<tr>
<td>HP-UX system and network administration I</td>
<td>H3064S</td>
<td>5-day ILT/RAIL (Candidates who did not attend this course as preparation for previous exams may find this course useful)</td>
</tr>
<tr>
<td>HP-UX system and network administration II</td>
<td>H3065S</td>
<td>5-day ILT/RAIL (Candidates who did not attend this course as preparation for previous exams may find this course useful)</td>
</tr>
</tbody>
</table>

How to Enroll
Please visit [http://www.hp.com/education/currpath/hp-ux_certification.html](http://www.hp.com/education/currpath/hp-ux_certification.html) for more information or to enroll.

### Documentation

<table>
<thead>
<tr>
<th>Title</th>
<th>Section Title</th>
<th>Source/Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP-UX v11 system administration manuals</td>
<td></td>
<td><a href="http://docs.hp.com/hpux/os/11.0/index.html#System%20Administration">http://docs.hp.com/hpux/os/11.0/index.html#System%20Administration</a></td>
</tr>
<tr>
<td>HP-UX v11 user guides</td>
<td></td>
<td><a href="http://docs.hp.com/hpux/os/11.0/index.html#User%20Guides">http://docs.hp.com/hpux/os/11.0/index.html#User%20Guides</a></td>
</tr>
<tr>
<td>HP-UX v11 installation and update documentation</td>
<td></td>
<td><a href="http://docs.hp.com/hpux/os/11.0/index.html#Installing%20and%20Updating">http://docs.hp.com/hpux/os/11.0/index.html#Installing%20and%20Updating</a></td>
</tr>
</tbody>
</table>

### Sample Test Items

The following examples represent the types of items and question formats that you could see on the exam. These are generic samples and do not reflect the content being tested.

1. Which planet is closest to the Earth?
   
   A. Mars
   
   B. Pluto
   
   C. Venus
D. Saturn

2. Which planets are “inner planets” — planets found within the asteroid belt? Select TWO.

A. Pluto
B. Earth
C. Neptune
D. Mercury
E. Venus

3. Click the Exhibit button.

What is this constellation called?

A. Leo
B. Aries
C. Orion
D. Taurus
E. Gemini
F. Pleiades
G. Ursa Minor
H. Ursa Major
I. Andromeda
4. Click the Task button.

Place the planets in order of closest to farthest from the planet Earth.

5. Click the Task button.

Review the picture of the planets and click on Saturn.
Exam Registration
For information about exam registration, click here.

Conclusion

HP wishes you success in the HP Certified Professional Program and in passing the exam for which you are preparing.