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 11i v3 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 11i v3 Security Administration HP0-P17 exam is one of the elective requirements to be certified as an HP-UX Certified Systems Engineer (CSE) with a Specialty in Security.

The HP-UX Certified Systems Engineer credential measures the competencies required for hands-on installation, optimization, management and support of HP operating systems in complex, enterprise environments.

The HP0-A02 HP-UX 11i v3 Advanced Administration exam plus one of HP-UX Virtual Server Environment (HP0-090), HP-UX High Availability Using...
Prerequisites

The prerequisite for taking this exam is successful achievement of HP-UX Certified System Administrator (CSA). Advanced-level knowledge and at least 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

The following are details about the exam:

- Number of items: 60
- Item types: multiple choice, weighted multiple choice, drag-and-drop, hot area, graphical
- Exam time commitment: 90 minutes
- Passing Score: 68%
- 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.

<table>
<thead>
<tr>
<th>Objective</th>
<th>Network Security (30%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Identify and configure methods for controlling remote access, authentication and authorization.</td>
</tr>
<tr>
<td></td>
<td>Identify and implement methods for securing network communication.</td>
</tr>
</tbody>
</table>
### Objective

- Identify, eliminate or mitigate vulnerabilities posed by common network services.
- Identify and describe the use of HP provided or recommended tools to identify vulnerabilities.
- Apply HP-recommended best practices to eliminate or mitigate the risks posed by common network vulnerabilities.

<table>
<thead>
<tr>
<th>2.0</th>
<th>System Security (32%)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Identify and configure methods for controlling system access, authentication and authorization.</td>
</tr>
<tr>
<td></td>
<td>Identify and use HP provided or recommended tools for intrusion detection and monitoring.</td>
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<tr>
<td></td>
<td>Identify and describe methods for system hardening.</td>
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<td></td>
<td>Identify methods to delegate system administration activities.</td>
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<tr>
<th>3.0</th>
<th>Application Security (17%)</th>
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<tr>
<td></td>
<td>Apply HP-recommended best practices and HP-UX features to eliminate or mitigate the risks posed by applications.</td>
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<th>4.0</th>
<th>Physical Security (8%)</th>
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<tr>
<td></td>
<td>Apply HP-recommended best practices to eliminate or mitigate physical security risks.</td>
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<tr>
<th>5.0</th>
<th>Data Security (13%)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Identify and apply HP recommended best practices and HP-UX features to eliminate or mitigate data security risks.</td>
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</tbody>
</table>

### 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.
### Title | Course Number | How to enroll
---|---|---
Practical UNIX and network security | H3541S | Please visit your local HP certification or training website to enroll
HP-UX system and network troubleshooting | H4264S |  

**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>Other guides</td>
<td></td>
<td></td>
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</table>

### Other Reference Material

<table>
<thead>
<tr>
<th>Title</th>
<th>Order Number</th>
<th>Source</th>
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</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
4. Click the Task button.

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

1- closest (place here)  
2  (place here)  
3  (place here)  
4- farthest (place here)
5. Click the Task button.

Review the picture of the planets and click on Saturn.

Conclusion

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