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 engineers or technicians who require an in-depth understanding of the technologies deployed in HP ProLiant servers and computer professionals pursuing an HP Accredited Integration Specialist (AIS) certification. Examples of job roles:

- HP Authorized Service Partner Systems Engineer
- HP Solution Architect
- HP Technical Client Consultant

Certification Requirements

This HP0-055 Implementing HP ProLiant Servers is one of the core requirements to be certified as an Accredited Integration Specialist (AIS).

This level of certification measures the competencies required for hands-on planning and the integration and support of technical solutions in business-class, networked environments. Given a set of customer business requirements, this individual is expected to be able to design, support, and integrate platform, operating system, storage, network, and option components to solve business needs. The ideal candidate is anyone who deploys business-class solutions based on HP technologies.
Prerequisites

HP strongly recommends that students taking this course have the following credentials. The instructor will deliver this course under the assumption that students have attained this level of experience.

- One of the following OS certifications:
  - Microsoft Certified Systems Administrator (MCSA) certification
  - Red Hat Certified Technician (RHCT) certification
  - SAI R Linux Certified Administrator (LCA) certification
  - Certified Novell Administrator (CNA) certification


- HP ProLiant Servers AIS, Official Study Guide and Desk Reference.
- Available at: [http://www.pearson-books.com/hp/](http://www.pearson-books.com/hp/)
- Recommended only – HPCP APS certification
- Recommended only – CompTIA Server+ certification
- Recommended only – One year of experience configuring and installing server products in a SMB computing environment

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: 79
- Item types: multiple choice, drag and drop, graphical
- Exam time: 120 minutes
- Passing Score: 71%
- 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.

### Objective

<table>
<thead>
<tr>
<th>Objective</th>
<th>Fundamental HP ProLiant server technologies and solutions</th>
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</thead>
<tbody>
<tr>
<td>1.0</td>
<td>• Describe High Availability and Performance Clustering Technologies</td>
</tr>
<tr>
<td></td>
<td>• Identify and describe blade technology concepts</td>
</tr>
<tr>
<td></td>
<td>• Describe and identify the supported ISV solutions</td>
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<td>• Describe data center design</td>
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<td>2.0</td>
<td>HP industry standard server products and solutions</td>
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<tr>
<td></td>
<td>• Identify and describe Server Products</td>
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<td></td>
<td>• Describe health and fault management tools and technologies</td>
</tr>
<tr>
<td></td>
<td>• Identify and describe Remote Management offerings</td>
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<tr>
<td></td>
<td>• Identify and describe Racks and options</td>
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<td>• Identify and describe Power protection and power management</td>
</tr>
<tr>
<td></td>
<td>• Identify and describe ProLiant network options</td>
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<tr>
<td></td>
<td>• Identify and describe ProLiant (ISS) storage options</td>
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<tr>
<td></td>
<td>• Identify and describe software offerings</td>
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<tr>
<td>3.0</td>
<td>Planning and designing a deployable solution</td>
</tr>
<tr>
<td></td>
<td>• Collect Business requirements and existing infrastructure data</td>
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<td>• Determine if the new solution is deployable using the existing resources.</td>
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<td>• Design and size the solution</td>
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<td>• Specify which platform and components will be appropriate for the solution</td>
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<td>• Write a scope of work</td>
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<tr>
<td>4.0</td>
<td>Install, configure and upgrade (ProLiant and options)</td>
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<td></td>
<td>Verify and check the physical installation/setup diagram/specification based on the customer/presales design</td>
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<td></td>
<td>Install the rack and its accessories</td>
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<td></td>
<td>Install and configure server hardware and related options (ML &amp; DL series)</td>
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<td></td>
<td>Install and configure external storage (MSA 20/30/50/500/1xxx)</td>
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<tr>
<td></td>
<td>Configure server hardware and related options</td>
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<td></td>
<td>Install network operating system</td>
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<td>Install and configure management Software</td>
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<td>Validate, test and document the solution</td>
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<td>5.0</td>
<td>Performance-tune and optimize a solution</td>
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<td>Use performance management tools</td>
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<td>Record baseline measurements</td>
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<td>Set performance thresholds</td>
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<td>Check for known performance issues</td>
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<td>Diagnose performance bottlenecks</td>
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<td>Perform new benchmark and compare for desired results.</td>
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<tr>
<td>6.0</td>
<td>Troubleshooting and repair/replacement procedures</td>
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<td></td>
<td>Describe HP troubleshooting methodology- 6 step process</td>
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<td></td>
<td>Apply the HP troubleshooting methodology- 6 step process</td>
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<td>Evaluate data to determine problem</td>
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<td>Execute the plan</td>
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<td>Test/verify if the problem(s) is solved</td>
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<td></td>
<td>Verify and resolve faults</td>
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<td></td>
<td>Troubleshooting issues specific to Blades</td>
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<td>7.0</td>
<td>HP management tools and resources</td>
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<td></td>
<td>Use HP insight management agents</td>
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<td>Use HP System Management Homepage (SMH)</td>
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<td></td>
<td>Use Software maintenance tools (VCRM and VCA)</td>
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</tbody>
</table>
8.0 HP ProLiant Blade and server administrative tasks

- Perform system upgrades
- Determine and implement the appropriate back-up solutions

9.0 HP Service offerings and their competitive advantages

- Identify and describe HP Standard Warranties
- Identify and describe HP Care Packs (validate service per region)
- Identify and describe additional service offerings

Objective

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>Title</th>
<th>Course Number</th>
<th>How to Enroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implementing HP ProLiant Server v6.41 (AIS)</td>
<td>ELMS #32815</td>
<td>Refer to your regional websites for local training information</td>
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<tr>
<td></td>
<td></td>
<td>Please do not enter URLs for the ILT courses. Only list the name and course code.</td>
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</table>

Exam Registration

For information about exam registration, click here.
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.

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.