HP Certified Professional
HP Integrity BladeSystem (HP0-P18)
Exam Preparation Guide

Purpose of the Exam Preparation 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 BladeSystem 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 exam is one of the core requirements to be certified as an Accredited Integration Specialist AIS – HP Integrity BladeSystem [2008].

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.

Visit the HP Certified Professional website for additional information, www.hp.com/go/certification.
Prerequisites

Operating System Prerequisite

AIS candidates are required to have attained at least one of the following operating system credentials before taking the HP0-P18 exam:

- CSA (Certified System Administrator) HP-UX 11i v3
- CSA (Certified System Administrator) HP OpenVMS v8
- Microsoft exams 70-290 and (70-291 or 70-294)
- Microsoft exams 70-640 or 70-648 or 70-649
- SAIR exams 3X0-101 and 3X0-102
- MCTS, Windows Server 2008 Active Directory Configuration
- MCSA on Windows Server 2003
- CompTIA Linux+
- Red Hat Certified Technician (RHCT)
- Novell Certified Linux Professional (CLP)
- Level 1 - Linux Certified Administrator (SAIR LCA)
- Linux Professional Institute Certification Level 1 (LPIC-1)
- Sun Certified System Administrator (SCSA)
- SCO Certified System Administrator (CSA)

Networking Prerequisite

Candidates must also complete one of the following network credentials or exams:

- Microsoft exams 70-216 or 70-240 or 70-291 or 70-293 or 70-642
- ProCurve exam HP0-Y12
- CISCO exam 642-812 BCMSN
- SAIR exam 3X0-103
- SCO exam 090-055 or 090-554 or 090-601
- AIS - ProCurve Networking [2004] (inactive)
- AIS - ProCurve Networking [2006]
- CompTIA Network+
- Cisco CCNP
- Cisco CCIE
Cisco CCNA

Completion of one of these certifications fulfills both Operating Systems and Networking requirements.

MCITP, Server Administrator
MCITP, Enterprise Administrator
MCSE on Windows Server 2003
Red Hat Certified Engineer (RHCE)
Novell Certified Linux Engineer (CLE)
SAIR LCE (Level 2)
Linux Professional Institute Certification Level 2 (LPIC-2)
Sun Certified Network Administrator (SCNA)
SCO ACE (Advanced Certified Engineer)
SCO Master ACE Certification

Exam Prerequisites

All candidates are also required to pass the following exam, in addition to the HP0-P18 exam, to attain this credential:

HP Integrity Entry-Level Server Technologies (HP0-P11)

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: 77
Item types: multiple choice
Time commitment: 90 minutes
Passing Score: 70 percent (54 items correct)
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.

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<tr>
<th>Objective</th>
<th>Testing Objectives</th>
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<tbody>
<tr>
<td>1.0</td>
<td>Install, configure and integrate HP servers and BladeSystems</td>
</tr>
<tr>
<td></td>
<td>1. Install and configure HP Entry-level Integrity server hardware</td>
</tr>
<tr>
<td></td>
<td>2. Install and configure BladeSystem (initial deployments)</td>
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<tr>
<td>2.0</td>
<td>Identify performance issues and the measurement tools/ processes used to resolve them.</td>
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<tr>
<td></td>
<td>1. Describe components and configurations that can impact solution performance</td>
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<td></td>
<td>2. List the performance tools available for Integrity server solutions and describe how they are used</td>
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<td></td>
<td>3. Use performance tools to gather data, optimize systems, and resolve common performance situations</td>
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<tr>
<td>3.0</td>
<td>Troubleshoot system problems and repair system failures</td>
</tr>
<tr>
<td></td>
<td>1. Analyze hardware failures</td>
</tr>
<tr>
<td></td>
<td>2. Recognize operating system errors</td>
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<tr>
<td></td>
<td>3. Identify and use hardware and software diagnostics</td>
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<td></td>
<td>4. Perform repair and replacement procedures</td>
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<td></td>
<td>5. Perform post repair/ replace procedures</td>
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<tr>
<td>4.0</td>
<td>Manage and maintain HP Integrity servers</td>
</tr>
<tr>
<td></td>
<td>1. Manage and maintain hardware components</td>
</tr>
<tr>
<td></td>
<td>2. Manage and maintain firmware and drivers</td>
</tr>
<tr>
<td></td>
<td>3. Manage and maintain operating system</td>
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<tr>
<td></td>
<td>4. Monitor the HP Virtual Server Environment (VSE) components</td>
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</table>
Objective

5.0 Identify and describe HP Service offerings

1. Explain HP Integrity server warranties
2. Describe and compare HP Care Pack Bundles
3. Describe additional service offerings

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>HP BladeSystem c-Class Solutions I - Technologies, Planning, and Deployment (HPCP Edition)</td>
<td>#33774</td>
<td>Refer to your regional websites for local training information.</td>
</tr>
<tr>
<td>HP Integrity Multi-OS Installation and Deployment v7.21</td>
<td>#33764</td>
<td></td>
</tr>
<tr>
<td>HP BladeSystem c-Class Solutions (Partner Edition) **</td>
<td>#45879</td>
<td></td>
</tr>
<tr>
<td>HP Integrity Entry-Level System Technologies **</td>
<td>#33765</td>
<td>** It is highly recommended that candidates complete the System Technologies (33765) and the HP BladeSystem c-Class Solutions (Partner Edition, 45879) to best prepare for the exams required in this credential.</td>
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</table>
Web-Based Training (WBT)

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>
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<tbody>
<tr>
<td>Implementing HP Integrity BladeSystem BL860c WBT</td>
<td># 00054200</td>
<td>Refer to your regional websites for local training information.</td>
</tr>
<tr>
<td>Implementing HP Integrity BladeSystem BL870c WBT</td>
<td>#00054199</td>
<td>Refer to your regional websites for local training information.</td>
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<tr>
<td>HP BladeSystem c7000 Enclosure WBT</td>
<td>#32564</td>
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<tr>
<td>HP BladeSystem c3000 Enclosure WBT</td>
<td>#38019</td>
<td></td>
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<tr>
<td>Business Critical Servers – HP Integrity Entry-Level and Mid-Range</td>
<td>#28915</td>
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<tr>
<td>Systems Technology WBT</td>
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Other Reference Material

<table>
<thead>
<tr>
<th>Title</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>User Service Guide – HP Integrity BL870c Server Blade</td>
<td>AH232-9002A</td>
</tr>
<tr>
<td>Installation Guide – HP Integrity BL870c Server Blade</td>
<td>AH232-9000A</td>
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</tbody>
</table>
Exam Registration

This exam is available at Prometric.

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.
Conclusion

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