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 Systems Engineer (ASE) certification. Examples of job roles:

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

General skill areas include: explain and recognize the fundamental c-Class Blades; recognize/describe HP c-Class blades products; install, set up and Configure c-Class Blades; perform troubleshooting and repair/replacement; perform administrative and operational tasks

Certification Requirements

This c-Class Blades HP0-064 is one of the electives available to fulfill the requirements to be certified as an Accredited Systems Engineer (ASE).

This level of certification measures the competencies required for hands-on planning and the integration and support of technical solutions in enterprise 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 enterprise 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.

- Three years experience configuring and installing server products
- AIS certification (Implementing HP ProLiant servers, HP0-683)
- Enterprise Integration and Management of HP ProLiant Servers, (HP0-797)

**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: 66
- Item types: multiple choice
- Time commitment: 105 minutes
- Passing Score: 75%
- 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. Please note that objective numbering may not be sequential.
### Objective

#### 1.0 Explain/recognize fundamental c-Class blade technologies

- Communicate the HP BladeSystem c-Class message
- Discuss the Consolidated Client Infrastructure (CCI) and p-Class products in the BladeSystem portfolio
- Describe the features of the BladeSystem c-Class server blades and storage blades
- Identify the tools that you can use to manage the BladeSystem c-Class
- Name the server blade solutions and scenarios pertinent to the BladeSystem c-Class

#### 2.0 Recognize/describe HP c-Class blades products

- Describe the features of the BladeSystem c-Class c7000 Enclosure
- Identify the components of the enclosure
- Explain the numbering schemes for device bays, interconnect bays, and fans
- Explain how to configure redundant Onboard Administrator modules
- Discuss the impact of growing power demand and power density
- Describe the technologies that supply power to the HP BladeSystem c-Class systems
- Describe Thermal Logic technology
- Describe the cooling techniques designed for the HP BladeSystem c-Class systems
- List the features and benefits of BladeSystem c-Class server blades
- Identify the BladeSystem c-Class server blade models
- Discuss network convergence technologies
- Describe the Ethernet network interconnect components
- Describe the available Fibre Channel mezzanine card options
- Describe the Brocade 4Gb SAN switch for HP c-Class
## Objective

<table>
<thead>
<tr>
<th>4.0</th>
<th>Install, configure, upgrade ProLiant c-Class blades</th>
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<tbody>
<tr>
<td>•</td>
<td>Describe the features of the HP 4Gb Fibre Channel Pass-Thru Module for c-Class BladeSystem</td>
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<td>•</td>
<td>Identify site requirements for HP BladeSystem c-Class deployment</td>
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<td>•</td>
<td>Plan a target data center environment</td>
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<td>•</td>
<td>Explain the racking and shipping options for HP BladeSystem c-Class</td>
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<td>•</td>
<td>Describe the steps involved in setting up the BladeSystem c-Class infrastructure</td>
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<td>•</td>
<td>Install a mezzanine card</td>
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<td>•</td>
<td>Install and configure an HP GbE2c Ethernet Blade Switch for HP c-Class BladeSystem</td>
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<td>•</td>
<td>Configure a Brocade 4Gb SAN switch</td>
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<tr>
<td>•</td>
<td>Install a Brocade 4Gb SAN switch</td>
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<th>6.0</th>
<th>Perform troubleshooting and repair/replacement</th>
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<td>•</td>
<td>Describe the management features and functions of the Onboard Administrator</td>
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<td>•</td>
<td>Explain how HP SIM and Onboard Administrator provide integrated management functions</td>
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<td>•</td>
<td>Describe the BladeSystem c-Class warranty and support options</td>
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<td>•</td>
<td>Identify the diagnostic tools available for the c-Class BladeSystem</td>
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<th>8.0</th>
<th>Perform administrative and operational tasks</th>
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<td>•</td>
<td>Describe the features of the HP Insight Lights Out (iLO) 2</td>
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<td>•</td>
<td>Describe the features of the HP RDP</td>
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<td>•</td>
<td>Describe the features of HP Control Tower</td>
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<td>•</td>
<td>Explain the process of booting from a SAN</td>
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</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.

<table>
<thead>
<tr>
<th>Title</th>
<th>Course Number</th>
<th>How to Enroll</th>
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<tbody>
<tr>
<td>HP BladeSystem c-Class Solutions I -</td>
<td>33774</td>
<td>Refer to your regional websites for local training information</td>
</tr>
<tr>
<td>Technologies, Planning, and Deployment</td>
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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

Sample Test Items
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)  
   Neptune

2. (place here)  
   Uranus

3. (place here)  
   Pluto

4. Farthest (place here)  
   Saturn

5. Click the Task button.

Review the picture of the planets and click on Saturn.
Exam Registration

• This exam is available at Prometric.

Conclusion

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