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, and sample test items 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 technology or market segment-aligned technical presales specialists who provide support to sales account teams within HP, HP channel or HP customer organizations. The presales professional most likely to pass this exam will have a minimum of two years of industry experience supporting the sale of HP business-class and enterprise-class solutions within enterprise environments.

Examples of job roles:

- HP Solution Architect
- HP Authorized Partner BCS Elite Specialist

General areas of content include: Identifying and describing HP 9000 and HP Integrity architecture, products and solutions; explaining products and technical competitive positioning; identifying the customer’s technical needs; preparing, qualifying and designing the customer’s solution; validating the pre-deployment solution; and generating technical solution opportunities.
Certification requirements

This Planning & Design of HP 9000/HP Integrity Server solutions HP0-052 exam is one of the core requirements to be certified as an Accredited Presales Consultant (APC) - HP 9000/Integrity Server Solutions. APC measures the ability to apply a specific knowledge of business requirements, products, technologies, and solution within a specific customer engagement.

This level of certification measures the competencies required for planning and design of entry-level and mid-range HP 9000 and HP Integrity server solutions for enterprise-class, networked environments. Given a set of customer business requirements, this individual is expected to be able to design solutions that integrate platform, operating system, storage, network and options to solve a customer’s business problem. The ideal candidate is anyone who designs enterprise class solutions based on HP technologies.

Prerequisites

The following HP credential is required:

- APP – HP Enterprise Solutions

One of the following operating system credentials is required:

- Red Hat Certified Engineer (RHCE)
- Microsoft Certified Systems Engineer (MCSE) on Microsoft Windows Server 2003
- CSE HP-UX v11
- CSE OpenVMS v7

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:** 70
- **Item types:** Multiple choice and drag-and-drop
- **Time commitment:** 90 minutes
- **Passing Score:** 70% (49 items correct out of 70)
- **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.

Planning & Design of HP 9000/HP Integrity Server Solutions Exam Content

1.0 Recognize and describe HP 9000/HP Integrity architecture, products, technologies and solutions
   1.1. Describe server technologies
   1.2. Describe virtualization
   1.3. Describe the operational characteristics of commercial applications based on operating systems and platforms
   1.4. Describe manageability options
   1.5. Describe roadmaps

2.0 Explain the HP 9000/HP Integrity products and technical competitive positioning
   2.1. Identify solution competitive landscape by vendor
   2.2 Describe the benefit of a total solution provided by HP (including multi-vendor)

3.0 Identify the customer’s technical needs and prepare the solution
   3.1 Identify the customer’s business requirements
   3.2 Identify and analyze technical customer requirements
   3.3 Identify resources for preparing the solution
   3.4 Adapt customer requirements in an HP solution

4.0 Technically qualify and design the solution
   4.1 Develop an appropriate solution
   4.2 Plan for installation, configuration and setup
   4.3 Design solution documentation

5.0 Validate the pre-deployment solution
5.1 Validate that the technical solution configuration meets customer requirements
5.2 Validate that the customer environmental site requirements are met (power, humidity, floor, cooling)
5.3 Communicate the solution
5.4 Demonstrate the solution using a Proof-of-Concept

6.0 Generate technical solution opportunities
6.1 Identify and evaluate technical opportunities
6.2 Gather information about new product and technology releases

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.

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<tr>
<th>Title</th>
<th>Course Number</th>
<th>How to Enroll</th>
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<tbody>
<tr>
<td>Planning and Design of HP 9000/HP Integrity Server Solutions (APC)</td>
<td>ELMS Catalog Code 31107</td>
<td>My Learn @hp web site, <a href="http://learn.hp.com">http://learn.hp.com</a></td>
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<td></td>
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<td>Course materials are available via the HP Services – Learning Utility web site</td>
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Course Objectives for Planning and Design of HP 9000/HP Integrity Server Solutions (31107):

After completing the entire training, you should be able to:

- Describe the HP 9000 server and Integrity server entry-level and mid-range solutions
Discuss the evolution and features of the processors used in HP 9000 server and Integrity server entry-level and mid-range solutions

Identify the technologies supported in HP 9000 servers and Integrity servers

List the tools used to manage HP 9000 servers and Integrity servers

Discuss the roadmaps used to project future expectations for components and features of HP 9000 servers and Integrity servers

Identify the competitors to HP 9000 servers and Integrity servers

Discuss the design guidelines and configuration rules used to design an HP 9000 server or Integrity server solution

Explain how to design an HP storage solution compatible with an HP 9000 server or Integrity server solution

Explain how to validate a proposed HP 9000 server or Integrity server solution

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<tr>
<td>Technical Essentials of HP Enterprise Products</td>
<td>ELMS Catalog Code 30805</td>
<td>My Learn @hp web site, <a href="http://learn.hp.com">http://learn.hp.com</a></td>
</tr>
<tr>
<td>Planning and Designing HP Enterprise Solutions</td>
<td>ELMS Catalog Code 30336</td>
<td>My Learn @hp web site, <a href="http://learn.hp.com">http://learn.hp.com</a></td>
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Web-based Training

Self-paced training and technical documentation may provide appropriate learning alternatives to instructor-led training for more experienced candidates.

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<tr>
<th>Title</th>
<th>How to Order/Obtain</th>
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<tbody>
<tr>
<td>HP Integrity Entry-Level and Mid-Range System Technology</td>
<td><a href="http://learn.hp.com">http://learn.hp.com</a> Catalog Code 28915</td>
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Other Reference Material

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<td>0</td>
<td>5</td>
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<tr>
<td>Quick Specs for the HP Integrity server</td>
<td>rx1620-2</td>
<td>rx2620-2</td>
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<tr>
<td>Quick Specs for the HP 9000 server</td>
<td>rp3410-2</td>
<td>rp3440-4</td>
</tr>
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</table>

Quick Specs for each of these servers are available at the [Product Bulletin website](http://h18000.www1.hp.com/products/quickspecs/productbulletin.html):

or you can download these documents from: [http://www.docs.hp.com/en/hw.html](http://www.docs.hp.com/en/hw.html)
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
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.