HP Certified Professional
Power On with HP for Technical Professionals—Multi-OS
Exam # HP0-283
Exam Preparation Guide

Purpose of the exam prep guide

The intent of this guide is to set your expectations about the content and the context of the exam, and to help you prepare for the exam by providing the following items:

- recommended HP training course
- outline of the topics covered by the exam
- sample test items. These sample items do not represent a complete practice exam. There are no practice exams available at this time.

Studies show that a combination of course attendance and self-study maximizes the likelihood of passing an exam on the first attempt.

Audience

This exam is for HP Channel Partner Technical Presales professionals and HP employees who support or will support the sale of business critical server solutions based on HP 9000 and HP Integrity Servers. This exam is a prerequisite for Technical presales professionals who want to support the sale of HP Superdome solutions with HP-UX, Linux, and Windows.

The major areas to be tested include HP and Business Critical Systems Group:

- Strategy and Initiatives
- Servers and Server Configurations
- Operating Systems
- Support Solutions

Certification Requirements

The Power On with HP for Technical Professionals—Multi-OS Exam #HP0-283 is one of the core requirements to be certified as an Accredited Presales Professional – HP Business Critical Server Solutions/Multi-OS. Visit the HP
Certified Professional website for additional requirements, www.hp.com/certification

Accredited Presales Professionals for Business Critical Servers recognize business opportunities and convert customer business requirements into technical features for the HP9000 and the HP Integrity Server family. They are able to articulate the fundamental technologies and architectures; recognize and describe product roadmaps; explain and advocate how HP technologies, products, solutions and services support customer needs. They can broadly position HP technologies, products, solutions and services against competitors in targeted market segments.

Prerequisites
- None

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 to accurately profile test results and to improve future exams.

The following are details about the exam:
- **Number of items:** 45
- **Item types:** multiple choice, multiple response
- **Time commitment:** 90 minutes
- **Passing Score:** 65%
- **Reference Material:** No online 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. Comment time is included in the overall time for taking the exam. We suggest you mark the questions you want to comment on, and then when done with the test, revisit the marked items and make comments. This way if time runs out, you will not be compromising your score.

Exam content
The following topics and 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.
1.0 HP and BCS Strategy (6%)
   1.1 Recognize HP structure and how it affects the Channel
   1.2 Articulate key points of HP strategy
   1.3 Identify BCS areas of focus
   1.4 Relate BCS areas of focus to HP strategy
   1.5 Recognize HP adaptive infrastructure

2.0 HP BCS Servers (30%)
   2.1 Describe each HP server family
   2.2 Articulate the differentiators for each HP server family
   2.3 Relate the differentiators to customer requirements

3.0 HP BCS Operating Systems (20%)
   3.1 Identify the operating systems HP supports.
   3.2 Match each operating system to its functionality and management/partitioning and the HP servers that support it.

4.0 HP BCS Server Configuration (20%)
   4.1 Describe the HP server configuration processes
   4.2 Explain how to use the HP server configuration processes to select and configure servers.

5.0 BCS Initiatives (10%)
   5.1 Discuss the BCS Business Continuity Plan
   5.2 Explain IT Consolidation
   5.3 Recognize HPTC markets and resources
   5.4 Describe resources to use in HPTC markets
   5.5 Articulate the similarities and differences between selecting and configuring HP servers for commercial markets and HPTC markets

6.0 Rounding Out the Solution (7%)
   6.1 Describe OpenView products
   6.2 Match HP storage to operating systems and server families
   6.3 Discuss networking fundamentals and identify HP networking product families and typical uses
   6.4 Describe resources to use to configure networking products.

7.0 Competition (2%)
   7.1 Identify primary competitors
   7.2 Describe competition related resources and when to use each

8.0 Sales Builder for Windows (5%)
   8.1 Explain when to use the configurator and when to use the Quoter
   8.2 Using SBW, configure and quote a simple server

Recommended Training Course

You are not required to take the instructor-led course listed in this section. However, HP strongly recommends that you attend the class and participate in class labs if applicable. It is recommended that you thoroughly review all course material and documents before taking the exam, even if you believe you have sufficient on-the-job experience. Check your local HP certification
Sample

Test Items

<table>
<thead>
<tr>
<th>Instructor-Led Course</th>
<th>Course Number</th>
<th>How to Enroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power On with HP for Technical Professionals—Multi-OS</td>
<td>10227</td>
<td>Please visit your local HP certification website to enroll</td>
</tr>
</tbody>
</table>

Sample Exam Item Types

The sample test items give you a preview of what the actual test items will look like. It is important to note that these items WILL NOT be on the exam itself. However, they are representative of the actual items, and they should help you become familiar with the format and complexity of the test items. These sample test items are not a check for readiness.

1. What percentage of the world’s security transactions are performed on HP BCS servers?
   a. 40%
   b. 50%
   c. 75%
   d. 95%

2. What is an advantage derived from the use of hard partitions?
   a. Allows hot-swapping of power supplies, disks, and fans
   b. Provides use of multiple I/O channels to seed data transfer
   c. Improved shared memory for enhanced throughput to massive databases
   d. Provides capability for concurrent running of multiple versions of the operating system

3. What is a key difference between the 05 series and the 00 series in the HP 9000 family?
a. The 05 series supports only HP-UX 11i, while the 00 series supports only Tru64 UNIX
b. Utility pricing and iCOD are available for the 05 series, but not for the 00 series servers
c. The 05 series supports only the 650 MHz PA-8700 processor, while the 00 series offers a choice in processor speeds
d. The 05 series is customized for specific customer requirements, while the 00 series is available only in pre-defined configurations.

4. Which feature makes HP Integrity servers the leading choice for technical computing?
   a. Full 32-bit addressability
   b. Backwards incompatibility
   c. High-latency system architecture
   d. Exceptional floating point performance

5. Which server series features the industry’s first in-box upgrade from PA-RISC to Intel Itanium 2 processors?
   a. rp2400
   b. rp2600
   c. rp5400
   d. rp7400

6. Which HP server is the lowest priced HP-UX server supporting virtual partitioning?
   a. rp2470
   b. rp5405
   c. rp7410
   d. rp8400

7. What is the name of the HP suite of software and network management tools?
   a. HP ESM
   b. HP Openview
   c. MC/Service Guard
   d. HP Insight Manager

8. Which operating system environment provides fault-tolerant reliability with no single point of failure?
   a. Linux
b. HP-UX 11i  
c. Windows 2000  
d. NonStop Kernel

Conclusion

HP wishes you success in the HP Certified Professional Program and in passing the exam for which you are preparing.
APPENDIX A: Answers to Sample Exam Questions

1. d
2. d
3. c
4. d
5. c
6. b
7. b
8. d