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 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 presales and technical audience with several months to years of experience. Examples of job roles:

- HP Channel Partner PreSales Professionals and Consultants
- HP Channel Partner System Engineers
- HP Channel Partner Support Engineers

General areas of content include:

- Product Architecture
- Data Protector installation
- Data Protector User interface
- Media Management
- Logical Devices
- Backup and Restore
- Internal Database
- Monitoring and Reporting
- Event Notification
- Disaster Recovery
Access Control
Manager of Managers (MoM)
Troubleshooting

Certification requirements

This Data Protector 5 for UNIX exam HP0-608 is one of the elective requirements to be certified as Accredited PreSales Professional or Accredited Integration Specialist.

The Accredited PreSales Professional (APP) certification requires an individual to take a set of customer business requirements, recognize opportunities and make recommendations for a solution that will solve business needs.

The Accredited Integration Specialist (AIS) certification measures the competencies required for hands-on planning and the integration and support of technical solutions in business class, networked environments. The candidate is expected to be able to design, support and integrate platform, operating system, storage, network and option components to solve business needs.

Prerequisites

If required by curriculum path (AIS), one of the following operating System certifications may be required:

- CSA – HP-UX (HP0-002)
- CSA – Tru64 (HP0-601)
- Sun Certified System Administrator for Solaris 7, 8 or 9 (CX-310-014, CX-310-011, CX-310-009)
- IBM AIX System Administration exam #191
- Linux Professional Institute (LPI) Level 1 Certification
- Course Completion Certificate from RedHat course RH133
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:** 60
- **Item types:** multiple choice
- **Time commitment:** 75 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.

1.0 Backup Technology and Data Protector Architecture
   1.1. Data Protector Components
   1.2. Communication
   1.3. Agents
   1.4. Features

2.0 Planning and Design of Data Protector Solutions
   2.1. Agent distribution
   2.2. Cell environment
   2.3. Backup schemes
   2.4. Media Management

3.0 Installation Configuration Startup and Upgrade
   3.1. Cell Manger
   3.2. Installation Server
3.3. Disk and Media Agents
3.4. File/Component locations
3.5. Services and daemons

4.0 Performance Optimization

5.0 Administering Backups
5.1. Backup types
5.2. Backup options
5.3. Configuration via GUI and CLUI
5.4. Configuration files

6.0 Troubleshooting
6.1. Essential Data Protector components
6.2. Standard backup behavior
6.3. CLUI commands
6.4. Log files

7.0 Integrating Data Protector with applications
7.1. Basic SAP integration principles
7.2. Basic Oracle integration principles
7.3. Basic Informix integration principles

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 OpenView Data Protector Fundamentals</td>
<td>U1610S</td>
<td>via your hp country webpage, follow the links to hp education services and storage curriculum</td>
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Web-based Training

*not available*

Documentation

<table>
<thead>
<tr>
<th>Title</th>
<th>Section Title</th>
<th>Source/Order Number</th>
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</thead>
<tbody>
<tr>
<td>Data Protector Administration Guide</td>
<td></td>
<td><strong><a href="http://ovweb.external.hp.com/lpe/doc_serv/">http://ovweb.external.hp.com/lpe/doc_serv/</a></strong> then choose “Data Protector”, “5.0” and “UNIX” select the appropriate guide and download</td>
</tr>
<tr>
<td>Data Protector Concepts Guide</td>
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<tr>
<td>Data Protector Installation and Licensing Guide</td>
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<td>Data Protector Operations Guide</td>
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<td>Data Protector Integration Guide</td>
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<tr>
<td>Data Protector Quick and Easy Installation Guide</td>
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<tr>
<td>Data Protector UNIX Integration Guide</td>
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<tr>
<td>Data Protector Software Release Notes</td>
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Other Reference Material

not available

Sample Test Items

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.

Sample question 1:
Data Protector is using port _____ as the default communication port.

A.  5050  
B.  5057  
C.  5555  
D.  5057

Sample question 2:
In a MoM (Manager of Managers) environment, devices and media may be shared across several cells by the _____________________.

A.  MMDB (Media Management Database)  
B.  CM (Cell Managers)  
C.  CMMDB (Centralized Media Management Database)  
D.  SM (Session Managers)

Sample question 3:
What is the correct order of automatic actions performed by the Data Protector Snapshot Agent?

A.  Creates the backup, performs an ioscan, and configures LUN assignments, reconfigures LUN security.  
B.  Deletes LUN security settings, creates snapshot LUNs, configures the backup host, creates new LUN security settings and performs the backup.  
C.  Creates alternate paths for backups, starts the integration agents, copies LUN access permissions and exports the volume groups.  
D.  Creates the snapshot, configures the volume groups, and mounts the file systems on the backup host.
Sample question 4:
When backing up over the network, which of the following best describes the flow of data?
A. directly from disk to backup-device
B. from disk via memory of destination system to backup-device
C. from disk via source device further on via network to memory of destination system and finally to backup-device
D. from disk to memory of source system, then to network further on to memory of destination system and finally to backup-device

Sample question 5:
On a UNIX host, which configuration file contains the settings required to listen to the network communication port (default 5555) and to start the inetd process?
A. /etc/services
B. /etc/inet.conf
C. /etc/dpinit.conf
D. /etc/netporttcp.conf

Sample question 6:
What is the format that Data Protector uses to store information to its central database on the Cell Manager?
A. binary format
B. ASCII format
C. XML format
D. HTML format

Sample question 7:
Running backups with Data Protector, what will be the impact of using a higher logging level?
A. the amount of detail on files and directories written to the Data Protector database will increase
B. the amount of detail on files and directories written to the Data Protector database will decrease
C. the amount of detail on files and directories written to the Data Protector database will not change
Sample question 8:
The Continuous Access integration of Data Protector can only be used with ______ disk arrays

A. hp storageworks EVA
B. hp storageworks VA
C. hp storageworks XP
D. EMC Symmetrix

Sample question 9:
Data Protector Cell Manger Single Drive Starter Pack for HP-UX or Solaris contains which license options?

A. one cell manager running on any platform
B. one cell manager running on HP-UX
C. one concurrently used backup device connected to a UNIX host
D. 49 backup agents
E. unlimited number of backup agents

Sample question 10:
On HP-UX, what does the directory /var/opt/omni/db40 contain?

A. the internal database
B. the depots for agent installation
C. the configuration backup
D. the old database when migration from OBII 4.x

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