



December 2008

Dear Customer,

In an effort to provide enhanced storage management software capability to our customers, HP is pleased to offer this release of HP Archive Backup System (ABS) for OpenVMS, Version 4.5. New features and enhancements included in ABS Version 4.5 are Software encryption and Key Management, improved Daylight Savings Time Zone support and improved performance for Remote Device Facility (RDF) users. We thank you for your purchase of this product.

ABS Version 4.5 supports OpenVMS running on Integrity servers and Alpha systems.

ABS is an application that performs automated backup of your data and provides a secure copy, which you can use in the event of unforeseen natural disasters or even simple operator errors.

ABS proves beneficial whenever you perform a selective restore of files or a complete restore of the entire disk (physical or virtual) due to the loss of the original data. Backups can be initiated automatically on a scheduled basis, however, the restores are initiated on an as need basis.

#### **New Features in ABS Version 4.5**

ABS Version 4.5 now supports software data encryption, thereby securing data files, saved during your backups. This feature is an extension of the Encryption support available in the OpenVMS Backup utility starting with OpenVMS V8.3. All supported encryption algorithms, such as DES and AES, and key lengths, available for use in BACKUP are now available in ABS.

Key management, supporting both manually and automatically generated keys, is now part of this release of ABS V4.5.

#### **Enhanced Features in ABS Version 4.5**

- ABS Version 4.5 is qualified with Oracle 10gR2 on OpenVMS Integrity servers and Alpha
- Improved support for Daylight Saving Time (DST)
- Improved performance for RDF users

#### **Consistent with Prior Versions of ABS, Version 4.5:**

- Honors either an ABS or a SLS license PAK
- Qualified with direct-attach and Fibre Channel (FC) connected tape storage for OpenVMS V7.3-2 and later. Please refer to the Software Product Description (SPD) for a list of supported tape libraries, the Modular Data Router (MDR) and the Network Storage Router (NSR) that serve a bridge between the FC and the SCSI interface of the tape drive.

If you are using ABS V3.0x or a later version, and have not upgraded to the ABS V4.0 stream, then you need to convert the existing ABS policy database when upgrading to ABS Version 4.5.

Many of the changes in the V4.x stream are a redesign of the software to make it more reliable and maintainable for future enhancements.

### **OS Compatibility:**

- ABS Version 4.5 is compatible with the following OpenVMS versions:
  - OpenVMS Integrity servers V8.2-1, V8.3, and V8.3-1H1
  - OpenVMS Alpha V7.3-2, V8.2, and V8.3
- RDF is supported for use by ABS Version 4.5 on OpenVMS Integrity servers V8.2-1, V8.3, and V8.3-1H1.
- RDF is supported for use by ABS Version 4.5 on OpenVMS Alpha V7.3-2, V8.2, and V8.3.
- To install ABS Version 4.5 on an OpenVMS version prior to those listed above, a prior version support contact is required. Also, it is essential that ABS Version 4.5 be qualified for that specific prior version of OpenVMS, which may incur cost and take time to complete.

### **Changes to the Scope of Support for ABS Version 4.5:**

ABS Version 4.5 is only compatible with ABS Windows client on Windows 2000 and Windows XP. The ABS UNIX client will only utilize Tru64 UNIX. It might function with other brands of UNIX, however, support will not be provided for non-Tru64 UNIX brands.

Engineering recommends customers to use the INTERNAL option, since increased flexibility will serve your needs.

All ABS users should be upgrading to this current version of the product. If you need assistance in upgrading your environment, please contact the customer support center or your designated field representative. The following documentation is available for ABS Version 4.5:

- *HP Archive Backup System for OpenVMS Version 4.5 Release Notes*
- *HP Archive Backup System for OpenVMS Installation Guide, V4.4*
- *HP Archive Backup System for OpenVMS Guide to Operations, V4.4*
- *HP Archive Backup System for OpenVMS MDMS Reference Guide, V4.4*
- *Quick guide to Configure ABS/MDMS*

Refer to *HP Archive Backup System for OpenVMS Installation Guide* for ABS/MDMS installation pre-requisites.

### **Java (JRE) Versions:**

Java (JRE) V1.5 is qualified to work with ABS Version 4.5.

### **Oracle Rdb Versions:**

Oracle Rdb V7.0-6, V7.0-6.1, V7.0-9, V7.1.0.4, and V7.2 are qualified to work with ABS Version 4.5.

### **Oracle RMAN Versions:**

Oracle 9i R2 (V9.2.0.2.0) and Oracle 10g R1 (V10.1.0.3.0) are qualified to work with ABS Version 4.5 on OpenVMS Alpha.

Oracle 10g R2 (10.2.0.2.0) is qualified to work with ABS Version 4.5 on OpenVMS Integrity servers and Alpha.

For additional information, refer to the product documentation. For additional assistance, call the HP Customer Support Center.

In support of HP's Green Business Technology Initiative and move towards electronic delivery, OpenVMS is restricting future updates of printed manuals to major product updates. Updated documentation for this release of "HP ABS for OpenVMS" is delivered within the product release notes. The release notes are included with the current manuals on the Online Documentation Library CD-ROM and are also included in the "ABS" directory on the Product Library media. Current printed manuals are unchanged and appropriate for use with this product update.

Layered Products Online Documentation Libraries offer product documentation for display or web download from the following site:

<http://www1.aclabs.com/ODLIndex.asp>

Release Notes may be displayed or downloaded from SPL Master Index (follow master index links to the individual product directory):

<http://www.hp.com/software/SPL>

#### **NOTE**

**The Storage Management Software (SMS) organization makes every effort to be as current and correct in our listing of compatible versions for Operating Systems, hardware and third party software products. Ultimately, your existing contract with any of these entities will take precedence.**

Sincerely,  
OpenVMS Product Management

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