



Software Product Description

**PRODUCT NAME: HP Save Set Manager for OpenVMS
Version 1.8**

SPD 62.64.15

DESCRIPTION

HP Save Set Manager for OpenVMS (SSMgr) is a layered software product that reduces user time spent on save set operations. SSMgr reduces operational time spent during OpenVMS BACKUP operations by providing an avenue for offline save set validation, copy, and save set merge functions.

The key benefits of Save Set Manager for OpenVMS are:

- Reduction of operational time spent on online backup and restore without compromising data integrity
- Selective manipulation of save set contents and attributes
- Transfer of backup save sets between tape drive technologies
- Transfer of backup save sets from one tape or disk drive to another tape or disk drive while maintaining data integrity features
- Reduced down time for a BACKUP/RESTORE operation
- Ability to monitor degradation of archived save sets
- Wildcard support
- Backup journal file creation
- Multiple output copies on merge and copy

SSMgr V1.8 supports all operations on ODS-5 disks on systems running:

OpenVMS Alpha:	V7.3-2 (SPD 25.01.XX)
	V8.2 (SPD 82.35.XX)
OpenVMS I64:	V8.2 (SPD 82.35.XX)
	V8.2-1 (SPD 82.35.XX)

This is the basis for support of:

- Long filenames
- Deep rooted directory structure
- Characters from ISO-LATIN and UNICODE multinational character sets
- "?" as a single character wildcard, in addition to the existing "%" single character wildcard

SSMgr V1.8 is qualified for tapes connected on the Fibre Channel

- OpenVMS Version 7.3-2 and later provides support for Fibre Channel (FC) connected tape devices. This is accomplished through the use of Modular Data Router (MDR) or Network Storage Router (NSR) connected to the FC Switch. The routers convert Fibre Channel protocol to SCSI protocol, which the tape device understands. SSM V1.8 has qualified this feature in OpenVMS as used with MDR or NSR. Please refer to OpenVMS SPD(s) for a complete listing of supported tape devices and routers

HARDWARE REQUIREMENTS

Save Set Manager is a layered software product on the OpenVMS operating system for the VAX, Alpha Server and Integrity Server platforms. The list of supported processors and hardware configurations is the same as those supported by OpenVMS and mentioned in the following Software Product Descriptions (SPDs):

OpenVMS VAX:	V7.3 (SPD 25.01.XX)
OpenVMS Alpha:	V7.3-2 (SPD 25.01.XX) V8.2 (SPD 82.35.XX)
OpenVMS I64:	V8.2 (SPD 82.35.XX) V8.2-1 (SPD 82.35.XX)

Refer to the appropriate OpenVMS Operating System Software Product Description (SPD) for additional details.

The list of currently shipping disk and tape devices changes frequently. Currently supported disk and tape devices are reflected in the Supported Options Lists that can be found within the QuickSpecs at the individual product WEB pages:

<http://h18000.www1.hp.com/products/quickspecs/Division/11930.html>

A minimum system configuration to run Save Set Manager includes:

- Recommended: Same or greater amount of memory as the system on which the save sets were originally created
- One or more disk or tape drives qualified by OpenVMS

Processor Restrictions:

Disk Space Requirements (Block Cluster Size = 1):

On Alpha system:

Disk space required for installation: 8200 blocks
(4100 Kbytes)

Disk space required for use (permanent): 6500 blocks
(3250 Kbytes)

On VAX system:

Disk space required for installation: 7500 blocks
(3750 Kbytes)

Disk space required for use (permanent): 6350 blocks
(3175 Kbytes)

On I64 system:

Disk space required for installation: 8400 blocks
(4200 Kbytes)

Disk space required for use (permanent): 7200 blocks
(3600 Kbytes)

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

OPTIONAL DEVICE HARDWARE

Any OpenVMS VAX or OpenVMS Alpha or OpenVMS I64 supported tape or disk drive also will be supported by Save Set Manager. For the specific equipment list, refer to the OpenVMS Operating System Software Product Descriptions mentioned above.

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on any valid and licensed node within the VMScluster configuration without restrictions. The *HARDWARE REQUIREMENTS* sections of this product's Software Product Description and System Support Addendum detail any special hardware required by this product.

SOFTWARE REQUIREMENTS

OpenVMS VAX:	V7.3 (SPD 25.01.XX)
OpenVMS Alpha:	V7.3-2 (SPD 25.01.XX) V8.2 (SPD 82.35.XX)
OpenVMS I64:	V8.2 (SPD 82.35.XX) V8.2-1 (SPD 82.35.XX)

Refer to the appropriate OpenVMS Operating System Software Product Description (SPD) for additional details.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

HP Save Set Manager (SSM) for OpenVMS VAX product is available on the OpenVMS Consolidated Software Distribution (QA-VWJ8A-A8). The package includes media and documentation on CD-ROM.

SSM for OpenVMS Alpha product is available on the OpenVMS Alpha Software Products Library (QA-03XAA-H8). The Products Library includes media and documentation on CD-ROM.

SSM for OpenVMS I64 product is available on the layered products media within the Operating Environment package. The layered products media includes the product binaries and on-line documentation.

OpenVMS SOFTWARE MEDIA

VAX Online Documentation CD-ROM: QA-VYR8A-G8
VAX Media and Documentation CD-ROM: QA-YL48A-H8

Alpha Software Products CD-ROM: QA-4KL8A-A8
Alpha Online Documentation CD-ROM: QA-4KM8A-G8
I64 Software Media: BA342AA (included on layered product distribution for I64)

The software documentation for this product is also available as part of the OpenVMS Online Documentation Library on CD-ROM.

ORDERING INFORMATION

VAX
Software License: QL-2YCA9-AA

Alpha
Software License: QL-2YBA9-AA

I64
Software License: BA385AC

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Hewlett-Packard's Standard Terms and Conditions. For more information about HP's licensing terms and policies, contact your local HP office.

License Management Facility:

This layered product qualifies the OpenVMS License Management Facility.

License units for this product are allocated on an Unlimited System Use basis.

This layered product offers a Concurrent Use license. Each Concurrent Use license allows any one individual at a time to use the layered product.

For more information on the License management Facility, refer to the following SPDs:

- HP OpenVMS Operating System for Alpha Version 7.3-1 and 7.3-2, and VAX Version 7.3 (25.01.xx)
- HP OpenVMS for Integrity Servers Version 8.2 and 8.2-1, and HP OpenVMS Alpha Version 8.2 Operating Systems (82.35.xx)
- HP Operating Environments for OpenVMS - Integrity Servers (82.34.xx) or the License Management Facility manual of the OpenVMS VAX Operating System documentation set.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from HP. For more information, contact your local HP account representative or distributor. Information is also available on www.hp.com/hps/software.

SOFTWARE WARRANTY

This software is provided by HP with a ninety-day conformance warranty in accordance with the HP warranty terms applicable to the license purchase.

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