

overview

KnapSac provides complete VMS disk and file backup capabilities, but uses disks on Windows systems as the backup devices. This means VMS disks and files can be backed up to a Windows disk instead of a VMS tape drive or other VMS disk.

KnapSac performs image mode or file mode saves and restores between VMS systems and Windows systems which are linked by a LAN or WAN using TCP/IP.

KnapSac includes fast and highly effective data compression to reduce both the backup time and the backup file size. Typical reductions are 50% or more.

applications/uses

Primary Backup - KnapSac can provide a faster, less expensive way to backup VMS disks by using Windows disks as the target for the backup. The target disk can be a local drive, network drive, or USB drive.

A single Windows computer can be used to backup many VMS computers, including clustered systems.

Alternate Backup - If a computer, disk or tape drive failure prevents using the primary VMS backup method, KnapSac can provide an alternative backup method until the primary backup method can be restored.

Offsite Backup - Create offsite backups without having to copy or transport tapes. Save the cost and time of copying and transporting offsite backup tapes by backing up directly over the network to the offsite computer.

Data Migration - KnapSac allows a Windows computer, including a laptop, to be used to relay or stage VMS files when migrating between VMS computers which cannot communicate directly.

how it works

KnapSac uses a Client/Server architecture to accomplish the VMS backup to Windows. The Client runs on VMS and the Server runs on Windows. The Client and Server communicate using TCP/IP.

The commands to save or restore VMS files are issued on the VMS computer, and can be automated within VMS DCL command procedures. Multiple VMS batch jobs can be run concurrently to minimize backup times.

The VMS Client includes a special capability to save and

restore the VMS system disk using local storage.

The Windows Server includes a GUI program for configuring the server.

hardware/software requirements

VMS Client - KnapSac is available for OpenVMS Alpha, Integrity, and VAX platforms. Alpha systems must be running OpenVMS version 6.1 or later. Integrity systems must be running VMS 8.2 or later. VAX systems must be running VMS 5.5-2 or later.

Windows Server - KnapSac is available for Windows XP, Windows 7, Windows 8, Windows 2003 Server, Windows 2008 Server, and Windows 2012 Server running on x86 laptops, desktops, and servers.

features

- Full image backup of entire VMS disks to Windows disks
- Non-image backup of files, complete directories, and directory trees
- Incremental and differential backup
- Client/Server architecture communicating over TCP/IP
- Fast data compression creates up to 90% smaller savesets, shortens data transfer time, and reduces network load
- Preserves all VMS file characteristics
- Preserves file ownership and security characteristics, including ACLs
- Special features for saving/restoring system disks
- AES Encryption (Alpha and Integrity only) when run under VMS 8.3 and later
- Added saveset security with optional password protection

for more information

www.compacdata.com

Compact Data Works, Inc.
9111 Cross Park Drive, Bldg D Suite 200
Knoxville, TN 37923
phone: (800) 848-4329
email: info@compacdata.com