



## Resurrect your System

### SEP AG

SEP AG is a technology leader providing standardized and high performance data availability solutions for Professional IT environments of all sizes. SEP sesam and its associated products deliver seamless solutions for your backup requirements.

SEP sesam ensures that data security for virtual machine environments including data backup and restore; disaster recovery and encryption can be both easily and cost-effectively achieved. SEP software is the ultimate expression of German engineering and attention to detail. Design and programming originate from our German offices in Weyarn, near Munich where overall performance and reliability are under our constant vigilance.

### SEP sesam Bare System Recovery

Experienced system administrators know that hardware, whether a computer system, disk drive or edge device, can fail at any time. And everyone knows in the computer field there is never a good time for system failure. According to statistics provided by Google Labs, around 140,000 disk drives fail each week, destroying Petabytes of critical, often irreplaceable information.

Today, with the release of SEP sesam Bare System Recovery, disk drive and system failures need no longer be a devastating occurrence as in the past. Our new disaster recovery solution allows you to simply replace a computer system or disk drive, and restore the environment to full operation within minutes. Like the phoenix rising out of the ashes SEP sesam BSR restores your system to its previous state in the easiest manner in the shortest time possible. Your entire system settings and user data are quickly restored to your new Linux server. The result for the computer staff - Hero Status.

# SEP sesam

## Bare System Recovery for Linux



### Prompt Recovery

The time to system recovery and full data restore will depend upon the volume of data along with the speed of the new hardware and network performance, usually between 10 and 30 minutes.

### Functionality

SEP sesam BSR consists of two proven components - SEP sesam backup software and SUSE Linux Enterprise using SUSE Studio. Using SEP sesam backup concepts the overall management and store of all data takes place on the SEP sesam data backup server, where all the data required in the event of a disaster recovery are stored. This strategy guarantees reliable and fast Disaster Recovery.

SEP sesam uses a snapshot backup of the data from the SEP sesam BSR Clients via the network to the SEP sesam backup server. The repository for the data can be freely selected using a disk to disk (D2D) or disk to disk to tape strategies (D2D2T).

After a system disaster or drive failure the SEP sesam BSR Media is inserted into the new server. The BSR media is then booted and Linux is then preinstalled. In the following step the computer is then connected to the network, and then the connection to the SEP sesam Backup Server is established. Next, the required saveset for the data recovery is selected. The automated recovery begins with the partitioning of the backup media.

In this step not only the filesystem but also the different disk drive configurations, i.e. (Multiple partitions, multiple disk drives, expanded partitions, etc.) are created. Afterward the boot system partitions are formatted. Once the formatting has been completed the partitions are restored onto the new hardware which is now boot ready. The newly created operating system is now rebooted and the server with all its settings and data is accessible to the user community within the network.

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## Global Storage Management

# SEP sesam

## Bare System Recovery for Linux



### Bare System Recovery for Linux - Advantages

- Optimized using SEP sesam
- Disaster Recovery for Linux servers
- New SUSE Linux Enterprise Updates support the newest hardware
- Disaster Recovery using SEP sesam BSR is close to automatic
- Fully integrated into the SEP sesam GUI - Single Point of Administration
- Server/Workstation is bootable in minutes

### Dependability

SEP sesam Bare System Recovery for Linux servers is based on the SEP sesam ONE und SUSE Linux Enterprise created using SUSE Studio from Novell.

With our Disaster Recovery Appliance SEP AG delivers a solution that is a fully automatic re-creation of Linux systems.

Combined with the Update Services from SUSE Linux Enterprise it is now possible to download and implement the actual drivers for the server hardware, e.g. for SCSI and RAID Systems.

SEP sesam is now installed in over 38 countries around the world backing up critical company and enterprise data. We provide the fastest possible backup and recovery available in the computer industry today. SEP sesam is certified by Novell along with many other manufacturers.



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### SEP sesam Features

- Platform-independent - Supported OS platforms include Windows 2000/XP/2003/Vista/2008/7, all popular Linux distributions & UNIX derivatives, Solaris, HP/UX, Tru64, BSD (also OpenVMS).
- One backup solution fits every backup need – Replace multiple antiquated backup utilities with one solution. Save time on acquisition, support and training!
- Easy to Use – Install on Linux in under 2 minutes!
- Performance – SEP sesam Multiplex Backup provides unlimited amount of parallel Data Streams
- Centralized administration - SEP sesam master GUI (Java) makes the complete implementation and administration from a central location or a remote workstation fast and easy.
- Easy Restore Wizard – Restores can be performed in minutes.
- Meets or exceeds US and European Privacy and Security laws!

### Test SEP sesam BSR today

Download SEP sesam and SEP sesam Bare System Recovery. You will find full and complete version of SEP sesam at <http://download.sep.de>

This version can be used free of charge for 30 days.



SEP AG, Ziegelstrasse 1, 83629 Weyarn, Germany, +49 8020 180-0  
NORTH AMERICA | SEP Software Inc., 94 Benthaven Place, Suite 100, Boulder, CO 80305, USA, +1-303-417-6316  
FOR FURTHER INFORMATION, VISIT [www.sep.de](http://www.sep.de) / [www.sepsoftware.com](http://www.sepsoftware.com)