

Fast, Affordable, Proven Server Backup Software

R1Soft Server Backup Manager (SBM) is fast and affordable server backup software for Linux servers in both physical and virtual environments. R1Soft provides virtual full backup storage inside our proprietary Disk Safe format, which optimizes storage and allows users to keep recovery points longer while saving space over existing full or incremental backups. Our block-level Continuous Data Protection™ technology vastly reduces backup windows from hours to minutes. These capabilities ensure unique disk blocks are stored only one time, even across thousands of recovery points.

Why Server Backup Manager?

When searching for server backup software, server administrators and organizations can face many challenges, such as the rapid growth of data, shrinking backup windows and budgets, and multi-platform environments. Our Server Backup Manager helps overcome these challenges by providing fast, affordable disk-based server backup software for diverse environments. It provides great value for organizations that have short backup windows and the need to scale backups across many servers on a budget. In environments where filesystem-based backups fail, Server Backup Manager can provide critical, reliable backups.

Product Highlights

Site-to-Site Replication

- Replicate backup data securely across SBM servers on public networks
- Use the replicated Disk Safes to directly restore protected servers, even when the primary SBM server is unavailable

Data Retention Policies

- Define automatic policies to merge recovery points and recycle storage

Disk Safe Verification

- Added integrity assurance through block-level verification of stored data against its source

Robust API

- Easily automate administrative tasks and integrate with your billing or provisioning systems using our powerful SOAP API

AES-256 Encryption

- Protect your data at rest and in transit through industry standard encryption

Onsite & Offsite Backups

- Efficient Disk Safe replication with support for Amazon Glacier or any custom target through simple scripting

Key Benefits

Fast

- Incremental backups are done at the block level, not file level
- Schedule server backups as frequently as every 15 minutes

Proven

- Used on nearly 250,000 servers in the world's largest data centers

Affordable

- Everything is included - no additional modules required

Multi-Platform

- Physical / Virtual / Windows / Linux
- MySQL, Microsoft SQL Server, and Exchange support
- RedHat, CentOS, Ubuntu, Debian, SuSe including most custom Linux kernels
- VMware, Hyper-V, Citrix Xen, XenSource, Virtuozzo and KVM

Scalable

- Manage thousands of servers with one web-based enterprise console
- Extensible architecture allows for adding repositories as you grow

Quick Restore

- Restore large file systems or entire servers fast with Bare-Metal Restore
- Easy Granular file or folder restore or download files to desktop

Multi-Tenant

- Allow multiple departments/customers to share backup capacity with complete separation
- Provide self-service backup/restore to your internal customers

Self-Service File Restore

- Provide end users with the ability to restore their own files
- Compatible with most Web Hosting Control Panels

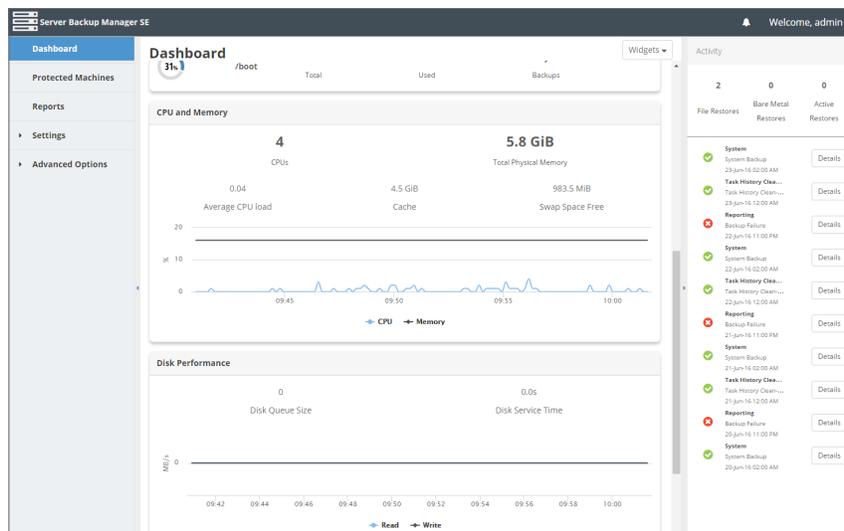
 Visit [R1Soft.com](https://www.r1soft.com) to download your Trial!

Technical Features

- **High Performance Backups:** The first time your Continuous Data Protection policy runs, it will perform an initial replica of your data. After the initial replica, it stores block level deltas, leading to shorter backup windows and reduced disk I/O.
- **Bare-Metal Restore:** Faster alternative to file-by-file restore in the event of disaster. By bypassing the file system and streaming blocks directly to disk, restores of large file systems can be performed significantly faster.
- **Data Retention Policy:** Define a replication goal (for example, every 15 minutes) and the amount of recovery points to retain. Old recovery points are automatically merged and their storage is recycled.
- **Portable Storage Backups:** With Portable Disk Safe technology, your backups go wherever you need them. Move your Disk Safe to a new location, open it with another Server Backup Manager installation, or even copy it to a USB drive.
- **Point-in-Time Snapshots:** Microsoft Volume Shadow Copy and our own Linux Hot Copy™ are used to produce a point-in-time snapshot of disk volumes, allowing consistent backup of locked and open files, and, combined with our changed block tracking, blazing fast backups.
- **Disk Safe Encryption:** AES-256 Encryption can be enabled at the time of creation of Disk Safes for backup data. This aids in the protection of data stored in the backup server and over the network.
- **Industrial Strength Storage:** Archive up to 140 terabytes of data per disk safe. On-disk journaling passes the ACID test and recovers automatically from interruptions.

Enterprise Management Features

- **Central Backup Administration:** Manage more than 30 server backups to one Server Backup Management Repository Server. Scale-out architecture allows for adding repositories as you grow. No special hardware required, use any disk-based storage and existing TCP/IP network infrastructure.
- **Remote Agent Deployment:** Enables you to download, install, and configure in under 5 minutes. Deployment and configuration wizards provide remote agent deployment for Windows and Linux. Deploy Linux agents using root or any account allowed to sudo. Set or change agent configuration directly from Server Backup Manager.
- **Virtual Server (VM) Support:** Support backups for the most common virtual machines including VMware, Hyper-V, Citrix XenServer, Parallels Virtuozzo, and KVM.
- **Exchange and SQL Server Coverage:** Backup MS SQL Server 2012, 2008 R2, 2008, 2005 and Express databases. Plus, complete server backup for MS Exchange Server 2013, 2010 and 2007.
- **Recovery Point Archiving:** Corporate and regulatory requirements often require the archiving of data at certain intervals. Define an archiving policy for recovery points to ensure retention requirements are supported.
- **Support LDAP authentication:** Server Backup Manager now offers LDAP authentication so you can authenticate your users against a directory service, such as Microsoft Active Directory.
- **Server Backup Manager API:** Server Backup Manager includes a robust API (Application Programmer Interface) for automation of most administrative tasks. The API can be used by developers who need to integrate Server Backup into their existing billing or provisioning system. The API can also now be used to create reports, track performance metrics, and deploy agents. The Server Backup API uses SOAP (Simple Object Access Protocol), the industry-standard for integrating web service applications.



Try Backup Server Manager!