Acronis

ACRONIS® BACKUP FOR LINUX SERVER

BENEFITS

- A powerful, yet affordable solution powered by the Acronis AnyData Engine

- Fast and exceptionally easy backup and recovery requires minimal IT expertise

- Flexible recovery options improve disaster recovery and help ensure business continuity

- Recover to bare metal in minutes

- Restore to new or different hardware without worrying about incompatibilities

- Migrate physical systems to virtual servers without the usual complexities

Powered by the Acronis AnyData Engine, Acronis Backup for Linux Server is a one-stop solution that lets you capture your entire Linux® server in one easy step and recover individual files, folders, or a complete system with a few simple clicks.

Fueled by over 100 patents, the Acronis AnyData Engine is a new architectural approach that powers all Acronis products, enabling you to capture, store, recover, control, and access data in virtual, physical, cloud, and mobile environments. The Acronis AnyData Engine leverages Acronis' patented disk-imaging technology to let you easily create image-based backups of your Linux servers – including the operating systems, applications, configurations, and data. You can then recover the image to the same hardware, dissimilar hardware, or a bare-metal machine without worrying about incompatibilities. Smart backups remove the guesswork by capturing everything required for complete recovery. Installation and configuration procedures require almost a zero learning curve.

BEST BACKUP FOR LINUX

Disk Image Technology
The Acronis AnyData Engine saves complete images to a variety of backup targets including local disk, network storage, and cloud.

Firmware and File Support
Acronis provides full support for BIOS and UEFI firmware interfaces to ensure complete Linux server recovery.

Incremental and Differential Backups
Only backup the changes made, saving time and optimizing storage space and network, disk, and system performance.

Compression
Built-in block-level data compression significantly reduces backup data volumes, improving backup speed, reducing storage requirements, and minimizing network loads.

Encryption
The Acronis AnyData Engine encrypts data, in transit and in rest, using military grade AES-256 encryption, helping to protect your data from unauthorized access.

Mount and Browse Backups
Mount a backup and search files and folders for specific data. Restore via a simple cp command or any other method. You can also mount disk images in read-only or read / write mode.

Acronis Startup Recovery Manager
If your system does not boot properly, simply press F11 during system startup to launch Acronis Backup for Linux Server and recover your system.

Hybrid Protection
To provide the multiple levels of protection you need in the event of a disaster, Acronis stores backup copies in up to five different locations locally and in the cloud – including Acronis Cloud.

Flexible recovery
Quickly restore only what you need including files, folders, volumes, or a complete server – all from the same backup.

Disaster Recovery
Recover your Linux server in minutes to the same location, to dissimilar hardware, or to a virtual desktop. Quickly restore data locally or remotely. In the event of hardware failure or natural disaster, recover an entire server in minutes with Acronis' fast bare-metal restore.

KEY FEATURES

- Fast and easy-to-use image-based backup with bare metal recovery to dissimilar hardware
- Backup to local disk, network disk, and cloud storage, including Acronis Cloud
- Full and incremental backups
- File-based backup and recovery
- Automatic backup replication and staging
- Backup exception lists to include files and folders you do not want
- Backup scheduling based on your schedule, built-in backup schemes, or triggered by specific events
- Military grade AES-256 encryption

- Acronis Secure Zone® with F11 reboot
- Support for physical or virtual machines
- Granular file and folder recovery from the image backup
- Throttling to limit bandwidth and disk-write speed
- Sector-by-sector backup for unsupported or damaged file systems
- Convert backups to one of seven VM formats
- Server migration between any physical or virtual server (P2P, P2V, V2V, and V2P)
- Acronis Disaster Recovery Plan
- No reboot required during installation
- Remote installation and restore

Supported Operating Systems[1]:

- Linux with kernel from 2.4.20 to 3.18 and 4.1 and glibc 2.3.2 or later
- Various 32-bit (x86) and 64-bit (x86_64) Linux distributions, including:
- Red Hat Enterprise Linux 4.x-7.x
- Ubuntu 9.10-15.04
- Fedora 11-22
- SUSE Linux Enterprise Server 10-12
- Debian 4-8.1
- CentOS 5.x-7.x
- Oracle Linux 5.x-7.x - both Unbreakable Enterprise Kernel and Red Hat Compatible Kernel

[1] Refer to the User's Guide at www.acronis.com/support/documentation/ for more details

[2] Supported with some limitations

Supported Storage Media:

- Local disks - SATA, SCSI, IDE, RAID
- Networked storage devices - SMB, NFS, iSCSI, FC, FTP
- Optical media - CD, DVD, HD-DVD, Blu-Ray
- Removable media - ZIP®, Rev®, RDX®, etc.
- External HDDs and SSDs - USB 3.0/2.0/1.1 and IEEE1394 (Firewire)
- Private, Hybrid and Public Cloud Storage - FTP, SFTP
- Acronis Cloud Storage

Supported File Systems[1]:

- FAT16/32
- Ext2/Ext3/Ext4
- ReiserFS 3 / Reiser4
- XFS[2]
- JFS[2]
- Linux SWAP
- NTFS
- ReFS[2]

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