



Righteous Control Panel Backup for Linux

Web hosting providers are challenged to grow in what may be the most competitive market for Internet services today.

Web Hosting is a Commodity - There is little to differentiate one hosting provider from another. Hosts are in need of new services that add value to their hosting with minimal investment.

Competitive Pricing - Web Hosts are constantly challenged to keep their prices competitive. Most hosting companies can not afford to spend time restoring the deleted files for a single web site without charging expensive "restore" fees, which customers are not often willing to pay.

Lack of Central or Physical Control - often web servers are located in remote sites or data centers where physical access to the server or tape drives are not available. In the dedicated server environment most users only have the option to restore the operating system and start from scratch.

High Customer Density - Hosts sometimes fit hundreds of customers and web sites on a single computer. Each customer must have their own access control and security policy, protecting their actions from other customers while giving them as much control as possible.

For lack of a good backup solution some administrators have turned to copying data between servers, or keeping second hard disks where copies of their data are stored. People are forced to use shell scripts, ftp, or open source file copying software not intended to be used as a reliable backup. Many users do not have backups. As a result, people spend too much time either restoring data or re-creating data from scratch.

Human error - Everyone makes mistakes, accidental data deletion is the most common cause of data loss. These everyday occurrences still cause serious problems for users because data is often too difficult or expensive to restore.

Backup, Restore, and Disaster Recovery for Web Hosting

Righteous Reseller Backup has all of the features found in Righteous Backup with special features added for web hosting providers.

Hosting customers have big expectations. They expect the world from their hosting company for often only a few dollars a month. They expect their site to be on a state-of-the-art main frame, in a state-of-the-art triple redundant data center, guarded by armed mercenaries and watch dogs, monitored day and night by on-site network engineers with a hundred years of experience!

O.K. we may be exaggerating a little, but all of those in the hosting business know the stakes are high and another thing customers expect is data integrity. They need frequent incremental backups protecting their data. They also need to be able to get at that data, day or night without any help from the service provider. They may need to restore their whole site, or maybe just restore that one all important file they deleted.

Top Benefits



Righteous Backup Arrives

Righteous Control Panel Backup for Linux is the first and only backup, restore, and disaster recover software designed exclusively for web hosts.

Integrates with Control Panels: Ensim, CPanel, Plesk

Customers can login directly to the Righteous Backup web interface using their own control panel site administrator logon.

Customer Managed Backups

Once backups have been scheduled for the server by the hosting provider, control panel users can restore individual files or their entire control panel from any available incremental backup. All without any intervention from the hosting company.

Incremental Backups for Control Panels

Only changed disk sectors are copied between backups.

Designed for High Density Servers

Users can only see and restore files into their control panel directory. File permissions and disk quotas are always enforced even on restored files.

Easy To Use

Users can browse their web site files from any available incremental backup using a web interface.

Also included are all the features found in the standard version.

Bare-Metal Disaster Recovery

Bare-Metal Disaster Recovery: Restore servers directly from disk-based backup. Unlike traditional backup software, there is NO need to first partition your drive and install the operating system.

High Performance

Sector based backups increase throughput and reduce overhead. Servers can be fully operational with minimal performance impact during backups. Backups can usually be performed at anytime, even on busy servers.

Small Backup Windows	Only changed disk sectors are copied between backups.
Open File Backups	Righteous Backup is a total solution including built-in support for backing up open files. NO 3rd party software is required.
Snapshots	Our technology provides consistent point-in-time system-wide backup images.
Nearly Continuous Data Protection	During normal host operation, the Righteous Backup Agent keeps a journal of disk changes. Incremental backups know what sectors on the disk have changed before the backup operation even starts. This eliminates the need for file-by-file or block-by-block comparisons every backup.
Designed with Resellers in Mind	Delegate control to different administrators on a server-by-server basis.
Remote Administration	Software can be completely controlled offsite using a web-based interface.
Compression	Incremental sector based backups ignore unused portions of the disk and copy only the disk sectors that have changed since the last backup. This when used with traditional compression, reduces backup storage by as much as 90% when compared to a traditional system wide, file-by-file backup.
End-to-end strong encryption	Data is continuously encrypted while in storage and during network transmission using RSA keys. Decryption during a restore is only possible when the encryption key holder enters their pass phrase.
Data Integrity	During backup and restore data is verified using MD5 checksums.

System Requirements



All versions of CPanel



7.5
8.0



Ensim Pro X
Ensim Pro 4.x

[Click Here For Linux Backup Server and Backup Agent System Requirements](#)

Frequently Asked Questions

Where do my control panel users go to restore files?

Are control panel users restricted to their web site directories?

Do I need to import user accounts or logons for all my virtual sites?

Can control panel sites manage their own backup schedule?

What control panels are supported?

Where do my control panel users go to restore files?

Your customers logon to the web interface on the Backup Server. They use a special logon URL that asks them for their control panel username, password, and physical server host name.

Are control panel users restricted to their web site directories?

Yes. Control panel users see the same virtual site directory as if they used SSH or FTP to access their virtual site. They can only restore files into their virtual site account or directory.

Do I need to import user accounts or logons for all my virtual sites?

No. Authentication is handled using the control panel. Disabling a control panel account or changing a password instantly affects logons to the backup serve.

Can control panel sites manage their own backup schedule?

No. They can only restore files from backups taken and scheduled by the server administrator (you).

What control panels are supported?

Currently: CPanel, Ensim, and Plesk..

If you have any questions
or would like additional information about



Righteous Software

Backup, Restore, and Disaster Recovery for LINUX

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