EverSafe!

The EverSafe! Difference

EverSafe! provides companies with an advanced insurance policy against data loss and costly downtime by utilizing a revolutionary technology that dramatically simplifies the backup and recovery process. By employing proprietary Inverse Chain TechnologyTM, EverSafe! eliminates the inherent inefficiency of the traditional backup chain. EverSafe! takes data directly from the server and converts it into virtual machine readable files that can be booted instantly from a web interface or by using any common hypervisor. This innovative way of storing data allows for instant on-site and off-site recovery and can prevent businesses from having to experience downtime in the event of a disaster, offering the peace of mind that backups will be available at a moment's notice.

Screenshot Backup Verification

EverSafe! leverages instant virtualization capabilities to provide the most advanced method of backup verification in the industry. By taking a screenshot of each completed boot process virtually, EverSafe! tests backup integrity and proactively identifies bootability issues. Serving as evidence of a successful backup, the screenshot can be shared with end-users to ensure peace of mind that data can be recovered at a moment's notice.

Instant Virtualization On-Site and Off-Site

In just seconds, backups can be virtualized either locally on the powerful EverSafe! appliance or remotely in the secure cloud. The advanced web interface allows for configuration of CPU and memory resources. Network resources can be configured dynamically, allowing for changes to be made without restarting the virtual machine. Even while virtualized, systems can continue to backup to the EverSafe! appliance and our secure cloud.

Break Free From the Chain

The EverSafe! backup process eliminates the area where most problems arise in the traditional backup process: the backup chain. EverSafe! takes data and converts it directly into a virtual machine each time a backup occurs. The most recent backup image is always the base image and does not rely on past incrementals to restore data. With no complicated rollup or restore processes, data is always available immediately both on-site and off-site without delay.

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SpeedSync

SpeedSync is the unique technology for quickly and efficiently transferring files to and from the cloud. It starts with advanced LZMA2 compression algorithms
to provide optimal data compression and reduce transfer data size. Smart queuing is used to prioritize server backup order (more critical data can be prioritized). Recovery point pipelining allows the next recovery point to upload while the current point is being received. Finally, agent sync parallelism allows multiple agents to sync off-site simultaneously. The combination of these technologies provide greater data integrity, reduced network traffic, and keeps customer's off-site backups up to date, particularly in low bandwidth environments and those with busy network traffic. We also provide the ability to throttle bandwidth by day of week and time of day to eliminate any impact on the business.

Centralized Management

EverSafe! appliances are controlled through an easy to use central web interface. This interface allows for quick access to critical stats and has detailed remote management ability. Through the interface, it is possible to virtualize a failed server on an appliance that may be hundreds of miles away with just a few clicks. The interface even allows you to gain RDP access to remote servers and VMs through an automatic and secure VPN connection.

FutureReady

EverSafe! appliances support the latest standards and are continuously being updated. Every appliance supports software RAID and 2TB+ Volumes including advanced format drives. EverSafe! appliances also support GPT Partition formats including those using EFI Boot. EverSafe! is capable of backing up both physical and virtual systems with nearly any storage configuration. All Clients First EverSafe! appliances regularly download and install updates in the background, ensuring that every device is always running the latest version.

Broad Operating System Support

EverSafe! appliances are controlled through an easy to use central web interface. This interface allows for quick access to critical stats and has detailed remote management ability. Through the interface, it is possible to virtualize a failed server on an appliance that may be hundreds of miles away with just a few clicks. The interface even allows you to gain RDP access to remote servers and VMs through an automatic and secure VPN connection.

Better Bare Metal Restore

EverSafe! devices use a completely unique method for performing bare metal restores. Rather than use a limited restore environment that fits on a single CD, EverSafe! uses network BMR. The appliance acts as a network boot server allowing the destination system to be booted using PXE Boot (common on almost all systems newer than 2001).

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