

Brief

Autonomy LiveVault® TurboRestore™ Appliance



Onsite appliance for fast backup and restore



LiveVault® service, from HP Autonomy, gives you the option of placing TurboRestore™ Appliances (TRAs) at some or all of the sites where your servers are backed up. Servers can back up first to a local appliance and then the appliance backs up over the Internet to an offsite vault, which then replicates to a second vaulting location. TurboRestore Appliances are available in several capacities and sized so that they hold several weeks, or more, of backup history, not just the most recent backup.

Generally, the bandwidth available at a customer site limits the possible restore speeds. As the name suggests, the primary benefit of a TRA is the ability to do very fast restores locally without sending any data over bandwidth. This allows you to restore large amounts of data while meeting the most stringent Recovery Time Objectives (RTO). Data is restored at disk-to-disk local network speeds from the appliance. This is particularly valuable at sites with larger amounts of data.

Fortunately, site disasters are rare. HP Autonomy has found that more than 98% of restores are done to recover from server failures, corruptions, human error and other types of data losses. In all these cases, the TurboRestore Appliance provides a rapid recovery option, without losing the immediate offsite backup and recovery capability, handled by the LiveVault service.

An additional benefit of the TurboRestore Appliance is that it provides a local copy of recent backup data for extra redundancy. Some customers appreciate the safety and convenience of having their data in their own hands. For example, some customers in hurricane areas have been known to take their TurboRestore Appliances with them when they shut down their servers and evacuate before a storm hits.

Another benefit is that appliances can be used to further control backup traffic over customer Internet connections while still using LiveVault's continuous data protection. The appliance can operate on a different schedule than the LiveVault agents. For example, servers can backup continuously to the appliance, but the appliance's schedule can be set to back up to the offsite vault only at night.



Features

- Single onsite appliance protects multiple servers
- Data is compressed and encrypted, just like vaulted data
- LiveVault automatically restores from the closest location

Benefits

- Faster, local restores
- Plug and play—no special management required
- Flexibility of backup schedules

TurboRestore Appliances are available in four pre-configured, turnkey capacities. Each unit is a 1U or 2U rack mountable unit that comes with an onsite service contract. Alternatively, you can purchase a license for the TurboRestore software and install it on a Windows server of their choice.

To illustrate, if a site has a T1 Internet connection (1.5Mbps), and one assumes that data compresses 2:1, then the maximum restore rate is 1GB per hour. By contrast, with a TurboRestore Appliance the restore rate will normally be 30 to 60 GB per hour or more.

About HP Autonomy

HP Autonomy is a global leader in software that processes human information, or unstructured data, including social media, email, video, audio, text and web pages, etc. Autonomy's powerful management and analytic tools for structured information together with its ability to extract meaning in real time from all forms of information, regardless of format, is a powerful tool for companies seeking to get the most out of their data.

Autonomy's product portfolio helps power companies through enterprise search analytics, business process management and OEM operations. Autonomy also offers information governance solutions in areas such as eDiscovery, content management and compliance, as well as marketing solutions that help companies grow revenue, such as web content management, online marketing optimization and rich media management.

About Cloud Direct

Cloud Direct is HP's largest partner for LiveVault online backup in Europe. We are ISO 270001 accredited and hold Investors in People – Gold.

Since 2003, we have freed 4,000 organisations from the risk and complexity of integrating multiple IT solutions. How? We pre-package cloud technologies into proven industry solutions so our customers benefit from full-service IT -- quickly and securely.

Cloud Direct's packaged cloud service comes with one monthly bill and an award-winning, 24/7 customer service team. Packaged cloud drives better business continuity, people productivity and guarantees the availability and security of infrastructure and applications.

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