



# Be certain of data center recovery

## HPE Data Center Server Backup

### Insights

- HPE offers backup solutions for the entire data center.
- We provide continuous 24/7/365 operational support.
- Our approach reduces storage and power requirements.

Backup is essential to stay in business. That's obvious, but it's not always operational. Why wait when HPE can protect your business today

Are your backup challenges compounded by decreasing backup windows and a shrinking budget? If so, then turn to Hewlett Packard Enterprise (HPE). Our HPE Data Center Server Backup provides cost-effective, automated protection for systems across the data center using traditional tape-based and modern, disk-based solutions.

- Delivers on a global scale
- Reduces risk with standards and encryption
- Ensures a smooth transfer of control with minimal disruption and risk

### Back up the entire data center

Corporations face escalating pressure on two fronts: Reduce system backup windows and increase the speed of data restorations under tight budget constraints. Complicating the situation, IT departments often find backup data has been corrupted, deleted, or lost due to drive errors or overwritten media. Many companies are not prepared to meet the application recovery time objectives required to keep the business running.

HPE offers backup solutions for the entire data center, with clearly defined service levels and utility storage provisioning. We tailor backup and retention policies to meet your company's needs.

Recovery point objectives for tape- and disk-based systems use the previous backup and are typically scheduled daily. Recovery times can range from hours to days—depending on the amount of data—with enhanced recovery times for disk-based systems. The HPE utility storage model enables you to pay for actual use with no capital requirements—and media is included. You also can scale capacity up and down as your demand changes.

### Review the features

- Automates data center backups with policy-based rules
- Delivers a full stack of technology and services, including hardware, software, hosting, and global storage management
- Supports disk- and tape-based backup, with on-site and off-site options
- Tailors recovery point and recovery time objectives to meet your needs
- Provides a source or target deduplication options for additional cost savings
- Offers tape encryption options
- Provides client-dedicated or utility storage delivery, available at your or HPE facilities
- Provides trained transition and transformation staff

### Understand the benefits

- Eliminates capital purchases and cost of excess capacity with HPE utility model
- Provides continuous 24/7/365 operational support

## Fact sheet

Table 1: Backup and Restore Management Services

	DESCRIPTION	TARGET SYSTEMS	RESTORE TARGETS	BUSINESS IMPACT
<b>Data Center Server Backup</b>	Cost-effective, disk-based backup solutions with options for longer term retention on tape; designed to back up servers across the data center not requiring real-time protection like data replication	Server across the data center	Hours to days	High
<b>Remote Office Server Backup</b>	Cost-effective, disk-based, automated solution supporting geographically dispersed servers backed up to a managed central repository	Distributed servers in remote locations or at campus locations	Hours to days	Medium
<b>Personal Device Backup</b>	Provides automated PC and Mac backup services protecting data on a centrally managed infrastructure, enabling users to recover lost data	User devices	Hours	Medium

### Review key technology elements and eco-friendly outcomes

- **Disk-based backup**—Ideal for performance systems, this backup environment eliminates the need for tape, reduces backup windows, offers shorter recovery time objectives, and provides higher data throughput requirements and data deduplication.
- **Tape-based backup**—Designed for traditional backup needs with off-site copies and encryption options, this backup environment is preferred when portability, low cost, and long-term retention are high priorities. Tape requires no power consumption for data at rest, offering the most environmentally friendly method of data protection.
- **Environmentally friendly storage**—Reduce storage and power requirements with tape-based and high-capacity technology.

### Use tiered backup and restore solutions

HPE offers a full spectrum of data backup services (see Table 1). We protect information on laptops, in remote locations, and across the data center. HPE Data Center Server Backup plays a critical role in ensuring the appropriate level of data protection for systems across the enterprise.

Additionally, our HPE Continuity Services can provide you with disaster recovery solutions.

### Work with a leader

- HPE manages more than 350 petabytes of online data and more than 700 petabytes of backed-up data.
- We've delivered utility services since 2000.
- HPE is a proven global services provider, with storage services from the desktop to the data center.
- We provide storage equipment, tools, services, administration, and facilities.
- HPE uses ITIL-based processes, holds ISO certifications, and uses Lean Six Sigma to eliminate defects.

### Improve data center systems reliability

- Improve backup throughput and achieve tight, backup window timelines
- Reduce the risk of data loss from lost, damaged, or corrupted tapes
- Eliminate capital purchases and excess capacity through the HPE utility storage model
- Bring consistency and clarity to your data protection
- Reduce your environmental footprint by decreasing storage and power consumption with tape-based and high-capacity disk backup

Learn more at [hpe.com/services/managed-storage](https://hpe.com/services/managed-storage)



Sign up for updates