

# Move Beyond Backup & DR With yStor

*yStor provides the redundancy and intelligence you need to create a highly available platform.*

Recovering from an outage takes time, costs money, and hurts your bottom line. yStor allows you to move past backup and recovery to take a proactive approach to protecting your data by eliminating outages in the first place.



## More Than Backup

Of course yStor provides excellent backup and recovery capabilities, but backup should be the last resort, not the only option. yStor provides the architectural and functional flexibility to build in redundancy, distribute your data, and respond to failures without incurring downtime.

- Eliminate single points of failure** - yCenter is built on a distributed network of low-cost modular hardware. This allows you to easily and inexpensively configure redundant systems, either within the datacenter or around the world. yCenter includes built-in data synchronization that simultaneously writes data to multiple sites, eliminating single points of failure.

- Rebuild data on the fly** - Replace the damaged hardware and yStor will automatically allocate the new hardware and begin synchronizing data based on your configurations.

- Turn outages into performance hits** - Depending on the level of redundancy you've configured, you can sustain a lost drive or even a complete node without suffering an outage.

## Key Benefits

### Complete

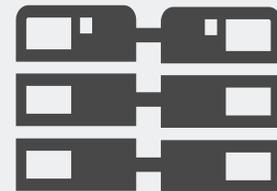
yStor is a complete software-defined storage solution, including all of the software required to build and protect a SAN-free storage platform. No third-party extensions or additional plug-ins are required.

### Integrated

With yStor, high availability functions are integrated into the fabric of your storage infrastructure - no additional servers or licenses are required and platform compatibility is guaranteed.

### Flexible

The flexibility at the core of yStor extends to high availability configurations as well: multiple levels of redundancy; replication, synchronization, or continuous protection - the choice is yours.



### Scalable

yStor 2.3 creates an elastic, distributed platform that automatically adjusts when new resources are added. Because data protection is integrated into the datacenter software, your data protection solution scales along with your environment.

## Redundant Configuration

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## Continuous Protection

Built-in failure-scenario support protects data against sudden hardware failure. Continuous data protection (CDP) automatically catalogues changes to data at a block level, allowing you to restore data to any previous point in time whether data was corrupted by a virus or simply human error.

## Simplified Management

yStor provides data protection and high-availability capabilities with features integrated into the core of the yStor platform, rather than requiring separate software packages running on top of various file systems. Management for the entire system is done through a single interface.

Backup and snapshot data is presented in a live format in which directory structures are easily parsed to find target files or folders. This eliminates the need to load tapes, rehydrate data or transfer an entire image to recover one directory.

## Optimized for your Environment

We designed yStor to work for you, which means it has to work in your environment. If you have the luxury of an off-site location, yStor includes built-in deduplication (both target and host-based) for conserving bandwidth and storage when synchronizing between geographically-disparate locations. If not, yStor can integrate cloud storage at the file-system level to enable low-cost archiving of deduplicated data.

## Features

- Complete hardware abstraction
- Scale-out architecture
- Integrated virtualization
- Centralized management
- SAN-free architecture
- Multiple levels of redundancy
- Continuous Data Protection
- Windows & Linux backup agents
- Volume snapshot synchronization
- Open file backup support
- Deduplication
- 256-bit AES encryption
- Offsite cloud backup
- Cloud-based file access
- Bandwidth throttling

## Next Steps

Visit us at [www.yottabyte.com](http://www.yottabyte.com) to download the Community Edition of yStor today.