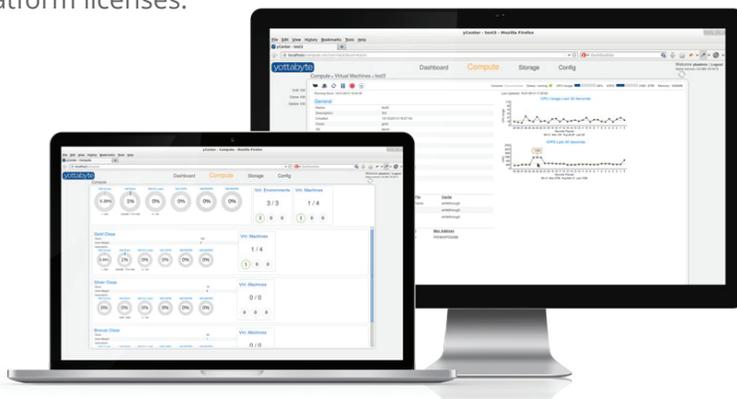


## Upgrade Your Datacenter With yCenter

*yCenter is a complete platform for server and desktop virtualization, coupling a highly scalable software-based infrastructure with the proven KVM hypervisor.*

yCenter converges storage, computing, and network resources to create a high-performance virtual datacenter, all while lowering cost and complexity. Additionally, since yCenter is a complete software-defined platform, you won't need expensive, complex SANs or additional software or platform licenses.



### Purpose Built For Virtual Computing

yCenter provides a complete platform for server and desktop virtualization, coupling a highly scalable software-based infrastructure with the proven KVM hypervisor. This convergence of infrastructure and hypervisor enables incredibly rapid deployment of server virtualization projects, VDI infrastructures, and private and hybrid clouds – all by one administrator from the same console.

- **A software-defined solution** – yCenter's intelligence lies in the software, meaning you can use commodity hardware, not proprietary appliances, and change it at any time without affecting your environment. Because the infrastructure is defined by software, you can create and reconfigure virtual computing environments at will.
- **Elastic Scalability** – Because of the low cost and simplified provisioning, virtual machines proliferate at a rate unmatched in physical computing. yCenter provides modular scalability, meaning capacity can be added to the pool simply by plugging in another hardware node. No migrations or reconfigurations.

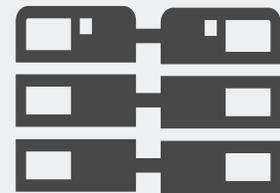
### Key Benefits

#### Complete

yCenter is delivered as a complete datacenter solution designed to work with what you already have and we don't upsell you to get the features you really want. Everything you need, from hypervisor to data protection to management is included and managed through one console.

#### Integrated

With yCenter, provisioning, data protection, and management functions are integrated into the fabric of your software-defined datacenter- no additional servers or licenses are required and platform compatibility is guaranteed.



#### Scalable

yCenter creates an elastic, distributed, scale-out platform that automatically adjusts when new resources are added. Because your infrastructure is integrated into the software, your entire datacenter scales as one unit.

### SAN-Free Storage

At the core of the yCenter is yStor, Yottabyte's software-defined storage platform. Leveraging yCenter's software-based architecture, yStor connects virtually any type and size of server or disk into a unified storage fabric, allowing you to build a storage platform that extends beyond the boundaries of traditional array enclosures. Because yCenter abstracts resources from the underlying hardware, yStor supports virtually any type and size of server or disk – from consumer grade SATA drives to enterprise-class SSD devices. yCenter will automatically allocate workloads to those devices, based on your configurable storage classes, to meet your specified QoS settings.

### Software-defined Networking

yCenter includes full-featured virtual networking capabilities that allow you to quickly configure and reconfigure VLANs to meet business demand. Each virtual environment includes DNS and DHCP servers, Network Address Translation (NAT) and a firewall, allowing the VLAN to be fully isolated from the rest of your network, or configured to allow external access. yCenter can connect geographically disparate locations using a "virtual wire" through the public network, ensuring security without a VPN and with minimal configuration.

### Simplified Management

yCenter greatly simplifies your organization's data management processes, guiding you to the right decision, enabling quick and efficient actions, and eliminating conflicts and other errors. Simplicity reduces the amount of time and effort required for administration, and reduces the risk of errors introduced by complex management and administration.

### Improved Performance

yCenter supports caching to high-performance storage, allowing for significantly faster read/write performance while still leveraging lower cost devices for long term storage. In a virtual environment, common OS and kernel files can be cached and deduplicated on high-speed flash storage, substantially improving VM performance.

## 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) for more information about yCenter or to download the Community Edition of yStor today.