

Virtualization with TrueNAS®

Enterprise Storage *with Open Source Economics*



Consolidate islands of VM storage with the TrueNAS storage array. Available in hybrid and all-flash models, the award-winning TrueNAS arrays provide unrivaled data integrity protection, scale to 10PB, and support all major block and file protocols for VM datastores and data centric applications.

Striking the ideal balance between price and performance, TrueNAS gives VMs an enterprise storage array at an unprecedented value without the taxes and lock-in aspects of proprietary systems.



SAFE

TrueNAS safeguards VMs with its next-generation OpenZFS file system, self-healing capability, bit rot mitigation, and flexible snapshotting, cloning and replication. Protect yourself against operator errors or data center disasters with a full suite of powerful ZFS tools.



FAST

TrueNAS gives VMs blazing-fast performance. Available in all-flash and hybrid flash models to meet the needs of your data center. Using the latest NVDIMM and NVMe flash technology, the TrueNAS M-Series supports thousands of VMs in a compact footprint and lets you scale compute and storage independently.



PROVEN

TrueNAS is ideal for building a private cloud or a virtualized all-flash data center. TrueNAS is VMware Ready Certified, supports VAAI, integrates with vSphere snapshots, and can be managed from vCenter. Unlike vSAN, TrueNAS supports other hypervisors and general storage for Windows, Macs and Linux.



ECONOMICAL

VM storage cost is a critical component to IT infrastructure budgets. CAPEX is reduced by the Open Source economics of FreeNAS and TrueNAS, while OPEX is reduced through TrueNAS' toolless design, modular architecture, and U.S.-based 24/7 support.



OPEN

TrueNAS uses the ZFS file system, proven with millions of deployments since 2000. OpenZFS is an Open Source version of ZFS that iXsystems has delivered to more users than anyone else. We work closely with the open source community to help make OpenZFS the safest and most feature-rich file system ever written.



ENTERPRISE-READY

TrueNAS provides end-to-end data integrity and has redundancy throughout the storage array, ensuring your VMs can always access pristine data. Available in single controller and High Availability (HA) models, TrueNAS protects your investment as your VM infrastructure grows.



WHITE-GLOVE SUPPORT

VM storage is a critical component to business, and iXsystems and our partners act as an extension of your team to keep it operating. In business since 2002, iXsystems has a reputation of high quality service and support, rated five-stars by customers who say they prefer our support to that of other vendors.

TrueNAS Unified Storage	
<p>TrueNAS acts as the storage target for both virtualized and non-virtualized environments simultaneously. VMware hosts (ESXi, vSphere) use iSCSI (VAAI) or NFS to access storage. Windows hosts or VMs can use SMB to access shared file storage.</p> <p>Linux hosts or application/database servers can access shared data via NFS or iSCSI. Each dataset is sized and secured independently even though they share the same storage resource pool. The flexibility of TrueNAS provides IT architects with many choices in the deployment and management of storage resources.</p>	

Feature	TrueNAS All-Flash	TrueNAS Hybrid
		
Enterprise Features	Intelligent in-line compression and deduplication, file and block protocols, read/write caching, non-disruptive software upgrades, snapshots, clones, replication, thin provisioning, self-healing file system, online capacity expansion, RAID protection, S.M.A.R.T. monitoring, GUI, CLI, REST API, and enclosure monitoring	
Capacity	Up to 480TB	Up to 10PB
Data Disks	Up to 120 SSDs	Up to 744 HDDs
Architecture	All-Flash	NVDIMM and NVME Flash Assisted
VMware Ready Certified and on HCL	Yes	Yes
High-Availability Support	Option	Option
Pricing	Starting under \$30K	Starting under \$10K

"I know I can easily bring back a Virtual Machine if something goes wrong and that makes me sleep well at night."

Steve Davidson,
Ashland Food Co-Op

"Our previous solution made expansion very difficult, and would have required multiple servers, splitting up storage between them. With TrueNAS, we can very easily extend our volumes as much as needed by adding drives and expansion shelves."

Ben Diger,
Children's Hospitals and Clinics of Minnesota

"Previously, updates to VMware would take everything down for 3 to 4 hours. With our TrueNAS system, they only take about 30 minutes."

Peter Loshier,
ISC

Call or Click Today!
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