



Transform commodity or cloud infrastructure into enterprise-class storage.

Existing enterprise storage is inflexible, expensive, difficult to manage, and complex to automate.

There's a shift happening within the enterprise. Organizations are implementing containers, deploying new databases, and moving to the cloud yet are finding storage solutions lack the features they are accustomed to in their on-premises deployment or do not meet their new platform requirements.

Applications previously relied on expensive, complex, dedicated infrastructure to present volumes and deliver storage services. Today services such as storage need to be delivered directly to the application, not to infrastructure. Whereas apps were previously designed around their infrastructure, now the infrastructure is designed around the app. Traditional storage solutions can't cope with this change.

Don't let infrastructure become a barrier

StorageOS transforms commodity server based disk or cloud based storage into enterprise-class storage to run persistent workloads in containers. Purpose-built, StorageOS is simple, extensible, low cost and suitable for a broad set of enterprise use cases.

- **Simple and portable** – StorageOS is software-based, simple to set up and works anywhere. For enterprises moving to the cloud, StorageOS offers organizations portability and flexibility to move workloads anywhere.
- **Platform independent** – StorageOS is infrastructure and orchestration independent enabling infrastructure teams to manage policy driven storage while empowering developers to deploy it as needed.
- **Elastic** – Developed to deliver at scale, start small with developer teams and scale as needed to enterprise-wide adoption. StorageOS can scale up or scale out as required.

Storage for any container with any orchestration on any infrastructure.

Decouple storage from underlying infrastructure.

Deploy any stateful application in production with Kubernetes, OpenShift and Docker.



Enterprise-wide benefits from StorageOS

With StorageOS, enterprises enjoy huge benefits.

- **Reduce cost** – Storage is an expensive line item for every enterprise. These costs are complex and not easily accounted. StorageOS offers a simple operating model leveraging public cloud-like efficiency to reduce operational cost. Subscription based pricing reduces capital costs by removing the need to purchase storage in advance. StorageOS also reduces the need for additional cloud nodes and expensive licenses for database specific replication solutions.
- **Policy-driven** – Enterprises are under strict guidelines to protect data, deliver service levels, and eliminate human error. StorageOS is policy-driven to ensure data remains private, infrastructure teams can control data placement and access, and storage services are applied based on policy. Automated policies are applied at creation so developers can make use of the benefits of containers without breaching compliance.
- **Easy to use** – Developers are empowered to provision and deploy storage and apps in one step without deep domain expertise or organizational dependencies. StorageOS promotes agile development making developers lives easier, while applying automated management and control.
- **Rapid time to market** – StorageOS reduces time to market by natively integrating with leading industry orchestration platforms, allowing enterprises to embrace agile development with self-provisioning and rules based automation out of the box. Combined with cloud and scheduler auto-scaling integration, storage can grow as application requirements change.
- **Ensure storage performance** – Storage is provisioned alongside the application on the same node or pod to guarantee local performance to the application, keeping data close to memory and CPU while avoiding the network as a point of congestion (for reads).

How StorageOS Works

With the addition of a single container, enterprises can support hyper-converged and centralized deployment models without additional kernel module changes, specialist storage knowledge or storage infrastructure.

StorageOS for infrastructure teams

Scale, manage and monitor storage infrastructure

- Runs in user space, with no kernel dependencies
- Runs on any 64-bit Linux system – bare metal, VMs, cloud or hybrid
- Automate storage management and apply policy with rules
- Proactive monitoring and reporting on policies plus SLAs
- Enhanced availability, thin provisioning and volume management for cloud storage
- Quality of service

StorageOS for Dev and DevOps teams

Build stateful containerized apps

- High availability, low latency persistent block storage
- Provision storage through native Kubernetes and OpenShift integration or Docker volume plugin
- Low-latency reads (and writes)
- Fast, simple recovery from node failure (professional license)
- High availability (professional license)
- Deploy anywhere with a single container
- Manage via the RESTful API or CLI
- Slack, forum and email support

Try StorageOS for free. A new storage consumption model, StorageOS reduces costs. Visit storageos.com

