VULTR

Vultr File System

Seamless, on-demand cloud storage shareable between
multiple virtual machines or Kubernetes container environments

VULTR.COM

Vultr File System

Store files effortlessly on Vultr's powerful NVMe storage infrastructure and enjoy predictable pricing, high throughput, global deployment for low latency, and simultaneous access to files from multiple virtual machines or Kubernetes containers.

Introduction

Vultr File System is a seamless, dynamically scalable storage solution that enables users to store files in a hierarchical file and directory structure and access them with multiple client machines simultaneously. Files stored within Vultr File System can be modified by multiple Vultr Cloud Compute virtual machines or Vultr Kubernetes Engine containers at the same time, or permissions can be configured to lock a file to prevent others from making modifications. Powered by Vultr's quick and reliable NVMe infrastructure, Vultr File System is accessible across the globe with predictable and transparent pricing.

Why it's important right now

The demand for cloud-native workloads is increasing rapidly, but it can be difficult to ensure fast and reliable access to data and files across workflows, hindering collaboration, operational efficiency, and growth. Plus, high cloud storage prices, changing storage capacity needs, and global storage requirements add to the challenge of managing a cloud storage solution. Built for the needs of modern businesses, Vultr File System includes seamless, multi-instance integration access, dynamic scalability, and high-performance NVMe clusters to support the storage needs of demanding applications.

Built for complex workflows

Multi-instance access and write locking

Vultr File System is designed to support multiple simultaneous users, so different Vultr virtual machines and Kubernetes containers can access or modify files at the same time. Shared and exclusive write locks enable file owners to lock edit permissions to only one machine or multiple machines, depending on the use case. For Kubernetes, Vultr File System supports RWX persistent volumes for container environments.

Dynamically scalable global deployments

Available across the globe, Vultr File System enables file storage near users for high performance and low latency. Storage deployments can be quickly scaled up or down according to requirements with dynamic volume resizing, ensuring the required storage is always available while minimizing costs.

Reliable, high-performance infrastructure

Powered by Vultr's high-performance, robust NVMe infrastructure, Vultr File System ensures high throughput, high availability, and seamless integration with Vultr Cloud Compute instances and Kubernetes container environments. Vultr File System ensures consistent speed and high performance for real-time collaboration and analytics as well as durable storage of large datasets.

Simplified management

An intuitive control panel

Vultr's user-friendly interface and accessible API make it easy to create, attach, resize and destroy instances as needed, without complex technical management. Vultr File System's hierarchical structure of directories and files makes file and data management simple.

Predictable, affordable pricing

Priced at a consistent rate of $100/TB/month, Vultr File System ensures it is easy to avoid surprise storage bills.

Part of a complete platform

Secured by robust compliance and security frameworks

Vultr File System file storage meets the strictest global privacy standards, security regulations, and compliance requirements, including GDPR and HIPAA compliance. By providing local data storage for a network of VMs or containers, Vultr File System helps enhance data security.

Storage products for diverse use cases

Combined with Vultr Block Storage and Vultr Object Storage, Vultr File System completes a full storage solution. Integrating seamlessly with Vultr's other types of storage, Vultr File System ensures the right type of storage is available for every application.

Designed for modern applications

Vultr File System is built to support the storage requirements of modern datasets and critical applications, so you can be confident you're ready for what's required now, and what comes next.

One complete cloud storage solution

Vultr File System

- Multiple Vultr Cloud Compute VMs or Vultr Kubernetes Engine containers can read and write one instance

- High performance and dynamically scalable

Vultr Object Storage

- Powerful S3-compatible storage

- Store files without managing storage volumes, paying only for what you use

Vultr Block Storage

- Expandable, high-speed NVMe or SSD storage volumes mounted directly to a compute instance

- Highly available and scalable independent of compute

Multi-instance access and write locking

Container 1	Container 2	Container 3
Can edit	Can edit	Can view
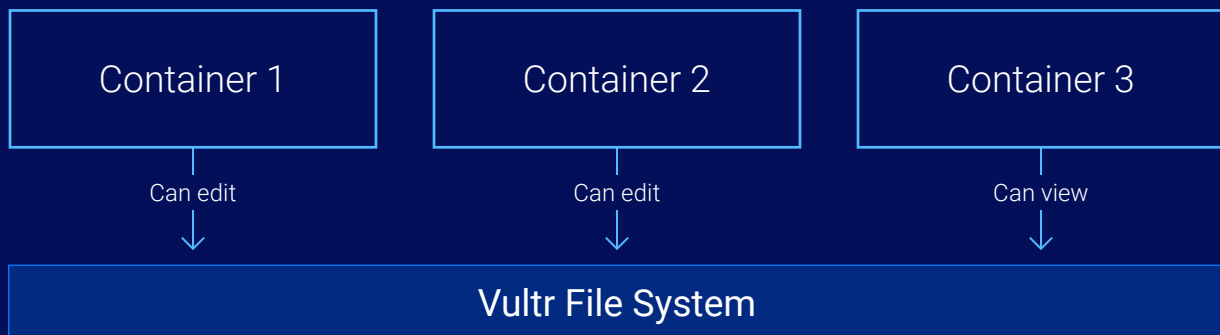
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To learn more about Vultr File System, visit vultr.com to get started or contact our sales team.

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