OVHcloud

Data Sheet

Enterprise File Storage*

Managed NetApp® ONTAP® file storage for your Bare Metal, Public Cloud, and Hosted Private Cloud workloads, over the OVHcloud vRack private network.

The challenge

As infrastructure grows across Bare Metal, Hosted Private Cloud, and Public Cloud, so does the need for storage that many servers can share. Without a managed option, IT teams build their own shared file storage: Ceph® clusters spread across the disks of the company's own servers, a single server acting as a Network File System (NFS) share, or file data squeezed into virtual machine (VM) datastores and local disks. The result: hours spent running storage, servers bought just for disk space, files that don't stay in sync, and single points of failure that put production at risk.

Solution overview

Enterprise File Storage is fully managed NetApp ONTAP file storage, operated by OVHcloud and backed by a 99.99% availability SLA. Your Bare Metal servers, Hosted Private Cloud VMs, Public Cloud instances and Kubernetes® clusters share one pool of storage over the OVHcloud vRack private network. Storage pools range from 1 to 58 TB, with 4,000 IOPS and 64 MB/s included in every TB, and ingress and egress traffic included.

How it works

Getting started takes four steps, all from the OVHcloud Control Panel:

- **Order a storage pool:** choose any size from 1 to 58 TB.
- **Create volumes and set access:** allow the IP addresses or subnets of the servers that will use each volume.
- **Connect over vRack:** when connected over vRack, storage traffic stays on your private network.
- **Start using your storage:** servers, VMs and containers mount volumes over NFS. For Kubernetes, NetApp Trident™ provisions volumes automatically.

Key capabilities

Capability / feature	Business outcome
Fully managed by OVHcloud	No storage software to deploy, patch or monitor, so your team gets their time back
NetApp ONTAP technology	Enterprise storage software trusted by IT teams worldwide
High-availability pair of hosts across two racks	Designed to keep storage online throughout a single hardware failure, backed by a 99.99% SLA
Built-in snapshots	Recover quickly from mistakes with snapshots you schedule and restore.
4,000 IOPS and 64 MB/s per TB[1]	Performance grows with the capacity you choose, sized for production workloads
vRack private network connectivity	Storage traffic stays on your private network, and any Bare Metal, Hosted Private Cloud or Public Cloud service on your vRack can use the same storage.
NetApp Trident CSI driver	Developers provision shared Kubernetes volumes on demand
Ingress and egress traffic included	Predictable monthly costs, with no data-transfer fees

Use cases

Use case	Description
VM storage for self-managed virtualization	Put VM disks for Proxmox®, KVM or ESXi® clusters on Bare Metal in one shared pool. Enable live migration and automatic restarts and add storage without adding servers or running Ceph.
Shared storage for Linux® applications	Give CRM, ERP, and web apps on two or more dedicated servers one highly available place for their files, replacing a self-built NFS server.
Persistent volumes for Kubernetes	NetApp Trident creates shared volumes on request for Managed Kubernetes or self-managed clusters, with snapshots and resizing from Kubernetes.
One file system for Public Cloud fleets	Give many Public Cloud instances one shared file system, instead of copying the same content to every instance.
File data for Hosted Private Cloud	Linux VMs in VMware® or Nutanix® environments mount Enterprise File Storage for file-heavy data, so hosts can be sized for compute, not capacity.
Moving off on-premises file storage	Replace an aging NetApp array or Linux file server with managed NetApp storage in OVHcloud data centers. Copy your file data over a private connection and retire the hardware, with no array refresh to buy.

Which file storage is right for you?

OVHcloud offers two managed file storage options. Here's how they compare:

Capability	Enterprise File Storage	Public Cloud File Storage
Best suited for	Production workloads, 1 TB+, SLA, Bare Metal or Hosted Private Cloud	Small, flexible or short-lived Public Cloud projects, especially under 1 TB
Works with	Bare Metal, Hosted Private Cloud, Public Cloud, Kubernetes	Public Cloud instances, Managed Kubernetes
Technology	NetApp ONTAP	OpenStack® Manila
Capacity	1–58 TB pools[2]	150 GB–10 TB volumes
Performance	4,000 IOPS and 64 MB/s per TB, included[1] (up to 232,000 IOPS and 3.7 GB/s at 58 TB)	Scales with volume size, up to 16,000 IOPS and 128 MB/s
Availability SLA	99.99%	99.9%
Resilience	High-availability pair across two racks	Erasure coding (4+2)
Data protection	Snapshots	Snapshots
Protocol	NFSv3	NFSv3
Kubernetes	NetApp Trident	Manila CSI
Billing	Monthly per TB, with 12, 24 and 36-month options	Hourly, per GiB, with no commitment
Price	$150.49/TiB/month	$0.1708/GiB/month (≈ $175/TiB per month)

[1] Performance is allocated per TB of pool capacity. Actual results depend on the workload.

[2] Capacity is delivered in TiB: ordering 1 TB provides 1 TiB of capacity.

Eligibility, terms, and next steps

Requirements: An OVHcloud account and a vRack private network connecting the services that will use the storage. Enterprise File Storage supports NFSv3; Windows® (SMB) file shares and Active Directory® are not supported.

Billing: Billed monthly with no commitment or 12, 24 and 36-month terms. Performance and ingress and egress traffic are included in the price.

Availability: Coming soon to OVHcloud US data centers.

Terms: Enterprise File Storage has a 99.99% availability target, subject to the Enterprise File Storage Service Level Agreement (SLA), available at launch. Use of the service is subject to the **OVHcloud US Terms of Service.**

*Features, pricing, and availability are subject to change before general availability.

Ready to simplify your shared storage?

Talk to a storage expert.

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OVHcloud at a Glance

Over 1.6 Million Customers Worldwide	46 Data Centers Across 4 Continents	100 Tbps Global Network Capacity	44 Redundant PoPs	25+ Years as Cloud Provider