

Private Cloud for Block Storage

Unlock feature-rich, cost-effective, and scalable block storage with Telefónica Tech's Private Cloud for Block Storage offering.



Cloud

What is Private Cloud for Block Storage?

Our Private Cloud Block Storage offers enterprise-grade storage infrastructure, software, and installation services to support modern workloads. Designed for organisations needing full control, it delivers scalable, high-performance storage for virtual machines, databases, or unstructured data. Built for flexibility and scalability, the solution uses modular architectures to meet evolving storage needs. It integrates seamlessly with virtualisation platforms and hybrid cloud environments, enabling easy expansion without sacrificing performance or security. Security and compliance remain central, ensuring data sovereignty and adhering to standards like GDPR and HIPAA. By keeping data on-premises, clients maintain control over sensitive information. This offering reduces procurement complexity and cost while eliminating the need for extensive market research, making it ideal for organisations prioritising efficiency and reliability.

Benefits:



Streamlined Sales and Deployment

Telefónica Tech's pre-packaged solutions increase standardisation, accelerating sales cycles and enabling quicker and more effective deployments.



Predictable Performance and Cost

Our Private cloud infrastructure delivers consistent performance and cost transparency, ideal for business-critical workloads.



Lower Operational Costs

We standardise configurations to simplify support, reduce engineering requirements, and lower maintenance costs.

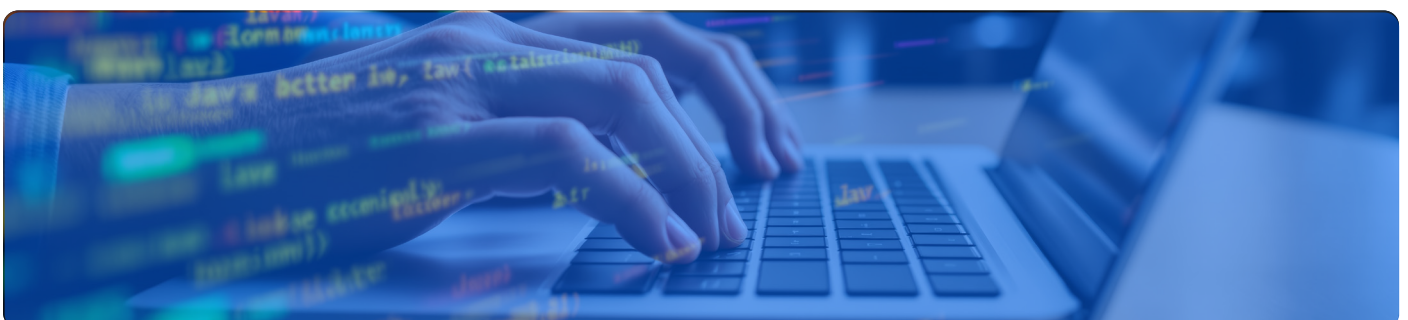


Reduced Complexity for Clients

Benefit from easier implementation with pre-configured solutions that minimise deployment risks.

Our Deliverables:

- › **Installation and Startup Services:** Our experts deploy storage infrastructure on-site, ensuring they operate efficiently and align with client requirements.
- › **Standardised Server Infrastructure:** Telefónica Tech provides enterprise-grade storage arrays that scale seamlessly to meet growing storage demands without complex upgrades.
- › **Pre-configured Software:** Delivery of validated and optimised software that can include provisioning, life cycle, and operational management tools.
- › **Handover and Knowledge Transfer:** Telefónica Tech facilitates a structured transition to client operational teams, providing knowledge transfer sessions and detailed 'as built' or design documentation for maintenance, troubleshooting, and compliance.
- › **Project Management Services:** Our experienced project managers coordinate deployments, ensuring timely delivery, clear communication, and alignment with client objectives throughout the project lifecycle.



Why Telefónica Tech?

Choose Telefónica Tech for block storage and experience a seamless, efficient, and scalable solution tailored to your needs. We accelerate your deployment with pre-configured, rigorously tested solutions, eliminating complexity and reducing risks. Our expert team ensures rapid implementation, so you can benefit from reliable performance and support without delays. By streamlining the sales process with predefined configurations, we simplify procurement and save you time and costs. Our solutions are designed to meet your evolving storage needs. With predictable performance and scalability at their core, they empower you to adapt effortlessly as your requirements grow.

We prioritise your business success by combining industry best practices with optimised deployments, helping you achieve faster outcomes and long-term satisfaction. Let Telefónica Tech simplify your block storage journey, ensuring efficiency, reliability, and scalability from the outset.

Additional Services to Elevate Your Business

Data Migration

The Data Migration service provides migration of data between block storage arrays. Typically used to migrate data from legacy to new storage platforms. Often delivered following a block storage array implementation but may be delivered in isolation.

Key Features:

- › Support for industry-standard or proprietary tools for efficient data transfer
- › Detailed planning tailored to minimise downtime and risk
- › Automated migration workflows to reduce manual effort and human error

Storage Area Network

The Storage Area Network service provides creation, implementation, upgrade, expansion and reconfiguration of highly resilient, often multi-site, storage area networks (SAN). Used to connect datacentre storage and compute resources together and may be based on Fibre Channel or Ethernet technology.

Key Features:

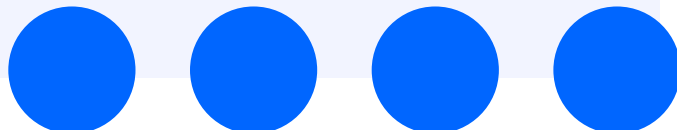
- › Support for various protocols to facilitate data transfer
- › Options for clustering and failover to ensure continuous availability of data
- › Central management for monitoring SAN health, performance, and capacity

Backup Storage

The Backup Storage service provides creation, implementation, upgrade, expansion and reconfiguration of backup storage platforms. Typically used to provide storage resources to act as backup repositories for DR applications. It may also be accessed by applications performing additional activities or interrogation of backup data and can in some cases be used to run workloads in the event of a production storage failure using backup application 'instant restore' capabilities. Often delivered as part of a wider Disaster Recovery solution project but may be delivered in isolation.

Key Features:

- › Support for various backup software solutions
- › Enabling intelligent backup management and recovery
- › Data sovereignty and security



Remote Monitoring

The Remote Monitoring service provides monitoring for clients' private cloud infrastructure. This service ensures that clients' private cloud environments are proactively monitored, with an event escalation mechanism where detected issues or threshold breaches are pushed directly to the clients' operational teams. This allows clients to retain control over resolution workflows while benefiting from proactive monitoring from Telefónica Tech.

Key Features:

- › Proactive monitoring of private cloud infrastructure
- › Automated event forwarding to the clients' own service desk or ticketing system
- › Client ownership of resolution enabling internal teams to investigate and resolve issues independently

Remote Management

The Remote Management service provides support for managing and maintaining private cloud infrastructure. This service ensures that clients' private cloud environments are running smoothly and efficiently, with proactive monitoring and issue resolution from Telefónica Tech expert engineers.

Key Features:

- › Proactive monitoring and maintenance of cloud infrastructure
- › Rapid issue resolution and troubleshooting
- › Regular performance optimisation and updates



**Hewlett Packard
Enterprise**

Partner Expertise

Gold Solution Provider
Silver Solution Provider - Networking
Gold Service Provider
Delivery

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Leading the Way in
Digital Transformation
for our Customers

Telefónica Tech unlocks the power of integrated technology, bringing together a unique combination of the best people, with the best tech and the best platforms, supported by a dynamic partner ecosystem to make a real difference to every business, every day.