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SOLUTION BRIEF

Hybrid and Multicloud with Vultr

With composable infrastructure, an API-first approach, direct private networking connections, unbeatable price-to-performance, a simple control panel, and support for compliance and data residency requirements across regions, Vultr fits seamlessly into hybrid cloud and multicloud architectures.

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Leveraging multiple infrastructure providers for IT workloads is becoming increasingly common as cloud architects seek to derisk and optimize their deployments. Gartner reports that buying IaaS and PaaS services from multiple vendors has become the norm for enterprises.[1] For some, data protection, workload availability, or infrastructure constraints require a hybrid cloud approach. For others, concerns about vendor lock-in, single points of failure, or the desire to use attractive features unique to specific platforms indicate a multicloud approach is sensible.

Regardless of the reason, deploying a hybrid or multicloud approach requires careful consideration, planning, and management. Selecting the right infrastructure provider matters, with the increased potential these approaches generate for unexpected costs, headaches, and complexities. With a composable, API-first approach and transparent pricing, Vultr makes it easy to adopt a hybrid cloud or multicloud strategy and leverage the best of both worlds.

Flexibility for innovation

A core advantage of cloud platforms, designed to handle a plethora of workloads in one place, is their diverse capabilities. Vultr offers a full suite of cloud offerings, including:

- Cloud Compute
- Networking
- Cloud GPU
- Kubernetes
- Bare Metal
- Databases
- Cloud Storage

These portfolios of solutions have made cloud an attractive alternative to traditional on-premesis architectures, but sometimes having everything in one place isn't optimal.

Choosing the right strategy

The reasons for choosing multiple cloud providers or adopting a hybrid cloud strategy vary. They include:

- Concerns that relying on a single provider creates risks of unexpected outages, surprise price increases, or changes in terms of service with few immediate options for recourse.
- Data privacy concerns that make retaining some data on-prem essential, while other workloads can benefit from the flexibility inherent to the cloud.
- The desire to improve performance and efficiency by harnessing the parts of multiple platforms most optimized for the desired workloads, including proprietary solutions.

While the reasons may vary, requiring openness and interoperability provides the core flexibility needed for innovation. Cloud architects need platforms designed to let them build their stack their way, giving them the options needed to produce solutions that their businesses need to operate smoothly and affordably, and be future-ready.

Built for composability

As a proud member of the MACH Alliance and Cloud Infrastructure Services Providers in Europe (CISPE), Vultr's offerings are built with a flexible architecture in mind. Designed to be composable, Vultr products are combinable in a scalable, modular fashion, making substituting a product with an alternative a simple process if desired.

This agility provides substantial advantages for Vultr customers. They can diversify their cloud stacks without migrating away from preferred solutions such as proprietary databases and use Vultr's affordable solutions for other workloads without becoming totally dependent on one ecosystem. Many of Vultr's core cloud services offer **30-50% savings** as compared to those of competitors, so this ability to harness Vultr's offerings where advantageous can result in serious benefits.

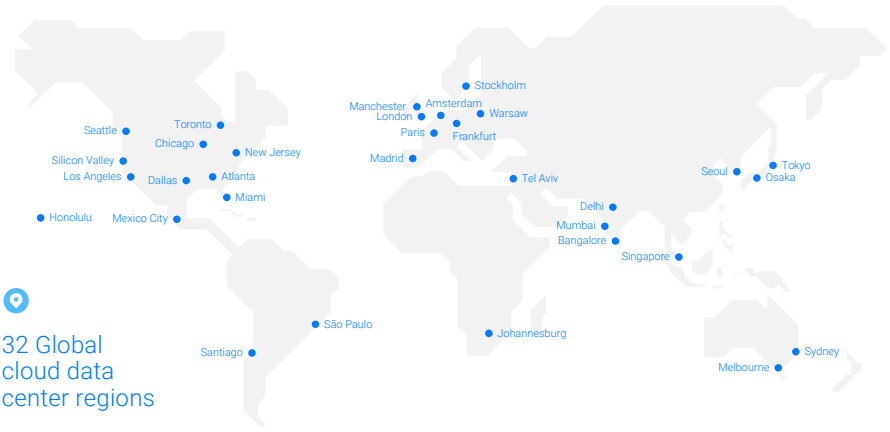
[1] Cloud Survey: Multicloud Adoption Remains the Norm, Gartner

Vultr is the world's largest privately-held cloud infrastructure company

Vultr connects 90% of the world's population within 2-40ms

30-50% savings

on Vultr's core cloud services compared to those of competitors



32 Global cloud data center regions

Designed to ease architecting

Vultr is built to be API-first, so controlling the platform is simple and easy, keeping added management tasks to a minimum. The platform's intuitive and straightforward user interface can also be utilized without requiring learning another management certification. Vultr also supports Terraform and Ansible for streamlined workflows.

Through the Vultr Cloud Alliance, Vultr partners with an ecosystem of best-of-breed cloud solutions, many of which make platform engineering easier. One, Koyeb, provides a serverless platform to run apps and APIs across multiple clouds, including Vultr, without managing infrastructure.

Open source solutions

Vultr products are designed for interoperability, allowing easy integration with other solutions. Vultr Object Storage, for example, is compatible with many solutions built to use the S3 API. Many Vultr solutions leverage open source technologies.

Vultr Managed Databases offers Vultr Managed Apache Kafka®, ensuring that seamless and reliable data architectures can be created affordably without manual configuration or management. Real-time data streaming enables high-performance hybrid and multicloud architectures. Vultr Managed Databases also includes options for Valkey™, MySQL, and PostgreSQL, providing high-performance database options with the freedom and flexibility of open source.

Kubernetes-enabled

Containerized workloads are often used for workload portability. Vultr Kubernetes Engine is a CNCF-certified Kubernetes platform offered with a free control plane. VKE is both Crossplane and Cluster API-compatible, ensuring deployment and management are seamless and familiar across platforms for streamlined platform engineering.

Advanced connectivity

Through partnerships with Console Connect and Megaport, Vultr Direct Connect offers software-defined cloud interconnects for affordable private networking connectivity between Vultr and other clouds or data centers. These networking connections, reaching over 900 global data centers, ensure large quantities of data can be affordably moved without exposure to the public internet for greater security. With 32 global cloud data center regions, Vultr data centers reach 90% of the world's population within 2-40ms, ensuring that adopting a hybrid or multicloud architecture with Vultr does not meaningfully decrease workload latency. Vultr also offers available data residency and data sovereignty options for those seeking to ensure data remains in-region or looking for infrastructure where their current providers may not presently operate.

Designed for the future

The 'one cloud for all workloads' era is over — as infrastructure requirements grow larger, more critical, and more regulated, enterprises need hybrid and multicloud architectures to ensure resilience, prevent service disruptions, enable regulatory compliance for data privacy and sovereignty, protect against vendor concentration risk, and optimize cost and performance. With Vultr, cloud architects can leverage a capable and affordable cloud platform designed for composability and interoperability. Vultr makes creating secure connections to other clouds a simple process and puts security and compliance first, with HIPAA, GDPR, SOC 2+, and other certifications and attestations. Whether searching for savings, flexibility, or performance, Vultr is built to deliver seamlessly for hybrid cloud and multicloud strategies.

Learn more about hybrid and multicloud on Vultr, and contact us at vultr.com to get started. →