Introducing

Nutanix on OVHcloud in the US

Experience cloud management as it's meant to be with Nutanix on OVHcloud. Seamlessly integrate on-prem data centers and public clouds, all under one user-friendly platform. Dive into a unified experience tailored to the complexities of today's multicloud world.

Optimized to Scale to Your Needs

Bring your Nutanix license to OVHcloud, you get a pre-deployed Nutanix cluster that can seamlessly integrate with premium Scale and High-Grade servers, with vRack allowing you to add more cloud services.

Scale up resources rapidly with AI-driven automation and one-click operations, managing all workloads from a single control panel. Quickly and easily move apps between clouds at your own pace. Moreover, Nutanix's robust security and disaster recovery features give you peace of mind if you're ever targeted by a cyberattack.

OVHcloud's vertically integrated solutions are efficient and cost-effective, whether you need Nutanix to expedite your cloud transition or to establish a sophisticated hybrid multicloud configuration.

Expand Your Cloud without Risking Security

Nutanix on OVHcloud provides a completely isolated environment, enabling the implementation of advanced security policies manageable through the private cloud. You can also expand your cloud without risking the security of your on-prem infrastructure by securely connecting to additional cloud services via vRack. In addition to a robust private cloud, you can also implement bare metal, private cloud, and public cloud services. This allows you to achieve full flexibility from a single portal, connect servers across multiple data centers, and scale your infrastructure.

Hypothetically, you can add managed bare metal services to your private cloud infrastructure or connect to OVHcloud public cloud offerings, such as cloud GPU servers powered by Nvidia Tesla V100S GPUs. Additionally, vRack allows you to stretch your private cloud across multiple data centers, better ensuring maximum speed between you and your private servers wherever you are in the world.

No Unexpected Spikes in Usage-based Costs

Leveraging the power of the cloud doesn't have to break the bank. At OVHcloud, our unique advantage is vertical integration: we craft our own products and command our network. This not only means optimized performance but also cost-effectiveness. Dive into an ecosystem where customization meets affordability. Adding memory or computing resources can be done in real-time through automation, allowing you to scale and adapt with agility. Whether you're scaling up instantly or tailoring your hybrid multicloud environment, our platform places comprehensive controls and real-time resource adjustments at your fingertips. As an OVHcloud partner, enjoy savings, flexibility, and rapid adaptability — all harmonized in one platform.

> **99% of organizations surveyed for the fifth Annual Enterprise Cloud Index (ECI) said they had moved one or more applications to a new IT environment in the 12 months prior. Reasons include security, performance, and better control of the application.**

Champion a Greener Future with OVHcloud

By choosing **OVHcloud**, you champion a greener future. OVHcloud has always been passionate about eco-responsible solutions — from minimizing IT waste to optimizing data center energy. In 2003, for example, OVHcloud introduced the concept of water-cooling server CPUs to conserve energy. We have optimized over the years to limit power consumption and extend hardware lifespan so it can live on as second and third-life products. Every step we take towards a smaller carbon footprint, you take too. Together, we're crafting a sustainable future, ensuring your company is part of the positive change.

Reduce Complexity in a Hybrid Multicloud World

Complexity is one of the biggest pain points for IT. As complexity increases, IT spends resources mainly on maintenance and not on infrastructure improvements. This makes it difficult for companies to provision additional resources, as scaling becomes a tedious, time-consuming process. However, a hyperconverged infrastructure (HCI) like Nutanix offers can be the solution. An HCI can combine network, storage, and compute resources into a single node that is easily accessible through a user-friendly interface.

If a company needs to provision resources at a moment's notice, that's easily doable with Nutanix on OVHcloud, as Nutanix runs on **dedicated hardware**. This hardware can be deployed in as little as one hour, thereby reducing the time and money spent on setting up your cloud. In addition to a quick, painless setup, OVHcloud offers numerous system configurations, providing flexibility to meet your exact Nutanix cluster requirements.

> **Most importantly, Nutanix clusters are deployed in the OVHcloud environment with the same Nutanix services that are deployed on-prem.**

These clusters are managed via Nutanix's Prism, the same control panel in use on-prem, eliminating the need to learn a new interface, which reduces costs and time spent by keeping the skills gap small. By using the same Nutanix tools, Prism Central, Acropolis Operating System (AOS) storage, and Acropolis Hypervisor (AHV) virtualization, no additional training is required for your staff on various software and practices. Because workloads are interoperable by design, you can move them anywhere — you can move workloads within OVHcloud or to another cloud entirely.

Since Nutanix on OVHcloud is a BYOL model, whatever Nutanix software you have licensed and are using in your on-prem environment can be licensed and used in the OVHcloud environment: Nutanix Flow Networking and Security, Nutanix Kubernetes Engines, Nutanix Disaster Recovery, Nutanix File Storage, Nutanix Object Storage, Nutanix Database Service, etc.

A hybrid multicloud sounds like an expensive endeavor, but OpEx pricing allows you to pay for what you use, and there are no commitments. In addition to flexible costs, our vertical integration allows us to charge less than our competitors for the same services and features.

Key Benefits of Nutanix on OVHcloud

▶ Nutanix integrates seamlessly into existing cloud deployments, avoiding the need for major changes or creating new silos.

▶ Offers seamless application mobility between private and public clouds.

▶ Manages and secures clusters within the customer's existing Virtual Private Cloud (VPC).

▶ Allows for mixing and matching of OVHcloud and Nutanix services within the VPC, enabling VMs to move between private and public clouds without rearchitecting.

▶ Provides flexibility with a choice of services and cloud-native integration.

▶ Enables on-prem applications to access cloud provider services easily, reducing latency issues.

▶ Supports applications moving from cloud to on-prem environments for leveraging on-prem services.

▶ Direct billing from the cloud provider, allowing customers to use existing cloud credits.

▶ Offers the choice of multi-cloud deployments for flexibility and cost efficiency, including easy workload transfer between clouds like AWS and Azure.

▶ Licenses are mobile across clouds, permitting the same license to be used in both private and public cloud environments.

Oracle's second annual multicloud survey found that 98% of enterprises use or plan to use multicloud in the future, with a third of companies citing cloud provider management as the most challenging aspect of using multiple public clouds.

The ECI also expects hybrid multicloud to become the dominant IT model for most enterprises in the next few years.

Nutanix AOS, AHV, and Prism

Acropolis Operating System (AOS): This combines user-friendly simplicity with advanced data center management, anchored by its integral Acropolis Hypervisor (AHV) for virtualization. Its standout feature, the Distributed Storage Fabric (DSF), automates data optimization between SSDs and HDDs, ensuring efficient performance and storage. DSF also excels in data protection, offering integrated VM-level backups and seamless recovery, making AOS a robust and efficient choice for modern enterprise applications.

Acropolis Hypervisor (AHV): Included for free with Nutanix's HCI environment, AHV is a KVM-based hypervisor that optimizes performance using the Distributed Storage Fabric for VM-level data resilience. It supports multiple hypervisors, enabling flexible cross-hypervisor backups and freeing IT teams to focus on mission-critical services. AHV is easily manageable, scalable, and requires no additional backends or databases. It offers high data protection, high availability for VMs, centralized operational insight, advanced networking, and efficient resource optimization through dynamic scheduling and VM placement. This makes AHV a cost-effective, scalable solution for modern virtualized environments.

Prism: Nutanix Prism is an integrated management interface for intuitively managing virtual environments, compatible with VMware and Nutanix infrastructures. It simplifies administration through a centralized platform, leveraging advanced analytics and machine learning for optimization. Prism consists of Prism Element for single-cluster management and Prism Central for overseeing multiple clusters. Unlike VMware's vSphere, Nutanix can manage everything from orchestration to analytics via Prism Central.

Why Hybrid Multicloud Is the Future

Hybrid multicloud unites your hosted and on-premises public and private cloud environments to create a single cloud infrastructure that is more intuitive to deploy and manage. A hybrid multicloud allows decision-makers to partner with various cloud providers to find the best features for the right price, while developers and IT professionals can benefit from the interconnected nature of the hybrid multicloud, which puts everything within reach from a single control panel.

With such versatility and intuitiveness, hybrid multicloud has emerged as the future of cloud computing, with more enterprise clients choosing the hybrid multicloud route every year.

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Ready to Get Started with Nutanix?

If you're ready to be one of the many companies planning to use a **hybrid multicloud solution** in the future, why put off the inevitable? Speak to one of our solutions architects to learn more about how you can benefit from features like OpEx pricing, no egress fees, and guaranteed bandwidth.

Contact a cloud architect

OVHcloud US is a subsidiary of OVHcloud, a global player and Europe's leading cloud provider operating more than 400,000 servers within 43 data centers across four continents. For over 20 years, the company has relied on an integrated model that provides complete control of its value chain, from the design of its servers to the construction and management of its data centers, including the orchestration of its fiber-optic network. This unique approach allows it to independently cover all the uses of its 1.6 million customers in more than 140 countries. OVHcloud now offers latest generation solutions combining performance, price predictability, and total sovereignty over their data to support their growth in complete freedom.

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