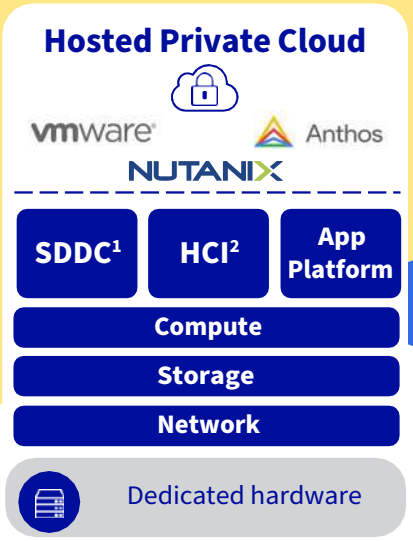
Host your critical workloads

Need more resources to grow your business? Need to process sensitive data that requires strict security, confidentiality and a dedicated infrastructure? With the Hosted Private Cloud, we offer a private solution, hosted and managed by our teams. It complies with the most stringent certifications (SecNumCloud, HDS, C5) to provide you with a secure environment for your critical data.



vmware	**Managed virtualisation** A platform similar to the one you use for your on-premises environments, including vSphere, vCenter and vROps. We take care of managing and updating the technologies and your infrastructure.
Anthos	**Managed containerisation** Create multiple Kubernetes clusters with this dedicated and managed solution. You can also implement features such as the Mesh service to orchestrate your applications.
NUTANIX	**Hyperconverged infrastructure** For organisations running multiple applications, or for deployments of a single, large-scale workload, involving high security requirements.

Added security with OVHcloud Trusted Zones:

Trusted Zones are dedicated spaces in our datacentres, isolated from the rest of our infrastructure. They have enhanced security procedures, including biometric access (2FA), extended video surveillance, restricted perimeter access for authorised personnel, and a sub-zone for destroying hard drives.

Enhanced security for critical services	Extended data sovereignty protection
• Tightened access controls for services • Extended contract • ISO 27001 and 27701 certified, and SOC II, C5 and SecNumCloud certification for some services	• 24/7 service operation, exclusively in the European Union • No data transfers outside the EU, guaranteed • Your data is not subject to any non-European extraterritorial laws

Host your high-volume workloads:

With our high-performance dedicated servers, you get the resources you need to process even the most intensive and demanding production uses.

Scale dedicated servers 	Increase your infrastructure capacity to: • Archive and backup your data • Scale up a web infrastructure • Virtualise and containerise • Deploy a virtual desktop infrastructure
High Grade dedicated servers 	The most powerful servers, optimised for: • Hosting your AI, big data or data analytics projects • Performing high-performance computing • Virtualising and containerising • Hosting your critical business applications

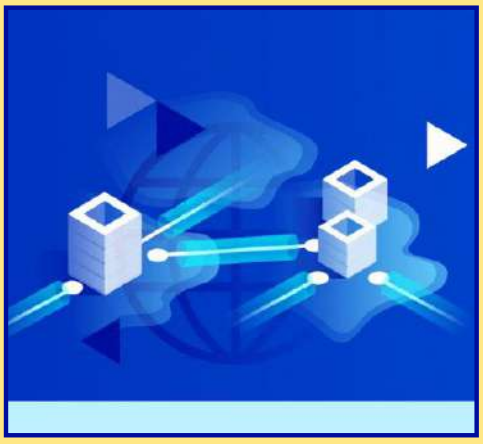
On-demand resources for added flexibility

Get resources to suit your needs, quickly and easily. Control all of your additional resources from your OVHcloud Control Panel or API, and enjoy transparent, pay-as-you-go billing. Order what you need to launch your new projects, handle peak loads, or simply expand your activity.

			] 		
Discovery	**CPU**	**RAM**	**Balanced**	**IOPS**	**GPU**
Testing and development environments	Higher computing power	More storage space	Multi- purpose instances	Increased transactional performance	For processing large-scale simultaneous tasks
CPU and RAM shared on flexible instances	Servers with guaranteed resources (virtual cores from 3 GHz)	Guaranteed consumable resources	Flexible, scalable servers adapted to all your projects	Instances with direct access to up to 4 NVMe drives (up to 400,000 IOPS)	Integrated NVIDIA Tesla V100 graphics processors (up to 1000 times faster than a CPU)
For more streamlined innovation	For workloads that require more capacity	For in-memory databases, processing and analysis	For your web and business applications	For your database servers and big data applications	For your deep learning, high-performance computing and artificial intelligence projects

Network solutions for connecting your services:

We provide you with our network technologies for your cloud infrastructure.



Build your private network:

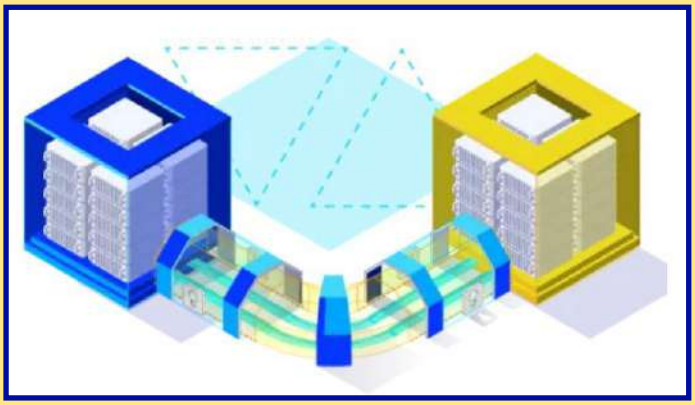
The Private Network is managed by OVHcloud vRack technology, giving you the option to extend private networks between multiple datacentres located across the globe. This way, you can connect instances across different locations through a private, isolated communication channel.
You can also use it to connect your different OVHcloud services, such as your Private Cloud and dedicated servers.
It is included with our Public Cloud solutions, and can be activated via your Control Panel. Like our cloud infrastructures and services, our private network solution is ISO/IEC 27001, 27017, 27018 and 27701 certified.

Use cases:

Disaster recovery planning (DRP) across another region	**Terraform deployment industrialisation**	**Load balancing between locations**
You can synchronise your data across multiple datacentres to create a simple, effective DRP.	Terraform's OpenStack driver is used to manage the Public Cloud Private Networks. If you are looking to deploy complex infrastructures that are difficult to industrialise, you can use this Infrastructure as Code tool to manage resources like networks, subnets and ports.	Data from the same application or cluster can move from one location to another, with quick response times and full isolation.

Connect your business network to OVHcloud:

With our OVHcloud Connect hybrid connection solution, you can form a link between your company network and the OVHcloud vRack. Choose between a direct, dedicated connection, or go through one of our partners via a point of presence.



	OVHcloud Connect Provider	**OVHcloud Connect Direct**
Bandwidth	from 200 Mbit/s to 5 Gbit/s guaranteed	from 1 Gbit/s to 10 Gbit/s guaranteed

Failover IP:

A failover IP is an additional IP address, which can be switched from one service to another in the same datacentre. You can also switch IPs between different datacentres, if they are located in the same country.

This may be useful in 3 different use cases :

Configure multiple IP blocks	Perform a quick migration	Expand your business
You can assign IPs in blocks of 4, 8 or 16 addresses – up to 256 per server, with an unlimited number of published blocks. This will make your services easier to migrate.	These IPs can be transferred from one service to another in a matter of seconds. This way, in the event of an incident (hardware failure, system overload, etc.), if you switch from one service to another, your IP configuration is saved.	With our IP announcement service, you can expand your project's reach across the globe with geolocatable IP addresses across 14 countries.

How can we help you?

Our teams will support you:

You can choose between different levels of support to help you complete your migration, or create your own private datacentre. Launch your project with support adapted to your needs.

	Standard	Premium	Business	Enterprise
Monitoring	24/7 monitoring and interventions in the event of hardware failures in our datacentres	24/7 monitoring and interventions in the event of hardware failures in our datacentres	24/7 monitoring and interventions in the event of hardware failures in our datacentres	24/7 monitoring and interventions in the event of hardware failures in our datacentres
Online Help Centre	Proactive communication in the event of an incident (service status) Online help: guides, FAQ,	Proactive communication in the event of an incident (service status) Online help: guides, FAQ,	Proactive communication in the event of an incident (service status) Online help: guides, FAQ,	Proactive communication in the event of an incident (service status) Online help: guides, FAQ,
Customer Service* (telephone, email, live chat)	Incident management (during business hours) Initial response time to emails: 8 hours	Incident management (during business hours) Initial response time to emails: 2 hours Usage and configuration for OVHcloud solutions	Incident management (24/7) Initial response time to emails: 30 minutes Support with using and configuring OVH solutions	Incident management (24/7) Initial response time to emails: 15 minutes Support with using and configuring OVH solutions
Personalised Services			Personalised onboarding Custom annual review and continuous improvement plan	Personalised onboarding Custom annual review and continuous improvement plan Dedicated Technical Account Manager OVHcloud roadmap access and workshops dedicated to technical solutions Access to our solution architects and technical engineers (Professional Services)

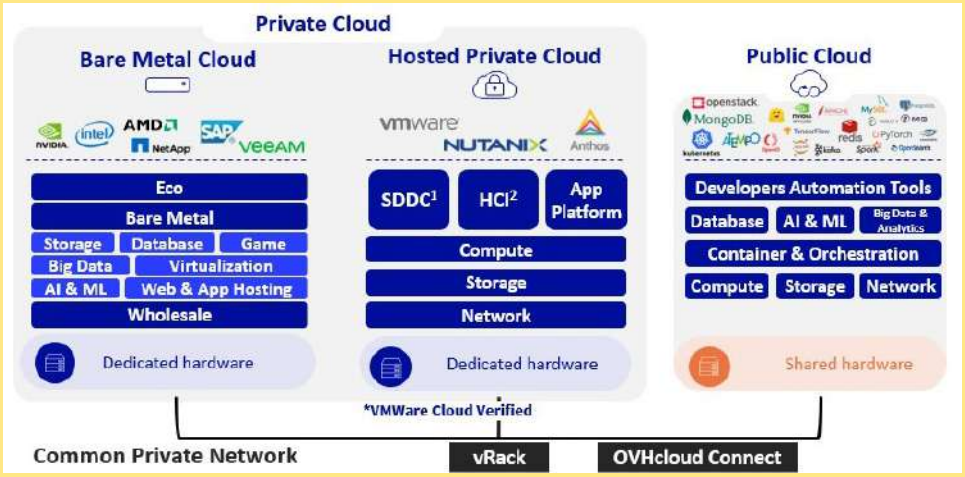
*OVHcloud support will take appropriate and reasonable measures to respond to incidents in a timely manner.

Need help migrating your infrastructure?

With OVHcloud Professional Services, we support you from defining the target architecture to migrating environments and training your teams. Depending on the project and your expectations, we may recommend partners who will deliver the very best experience for your cloud and on-premises environments.

To sum up:

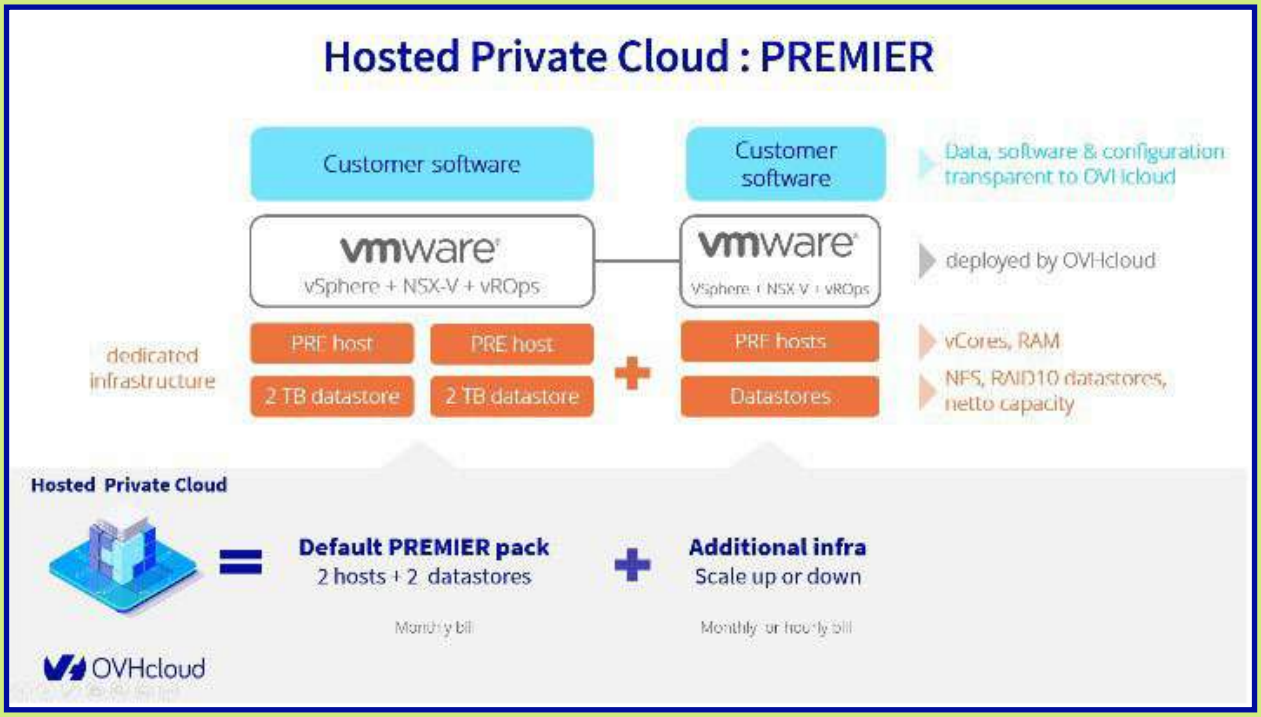
With us, you're getting a flexible and scalable cloud infrastructure. By combining dedicated resources, security, sovereignty and freedom, OVHcloud offers you a solution that saves you time, lets you keep control of your data, and gives you all the assets you need for your business.

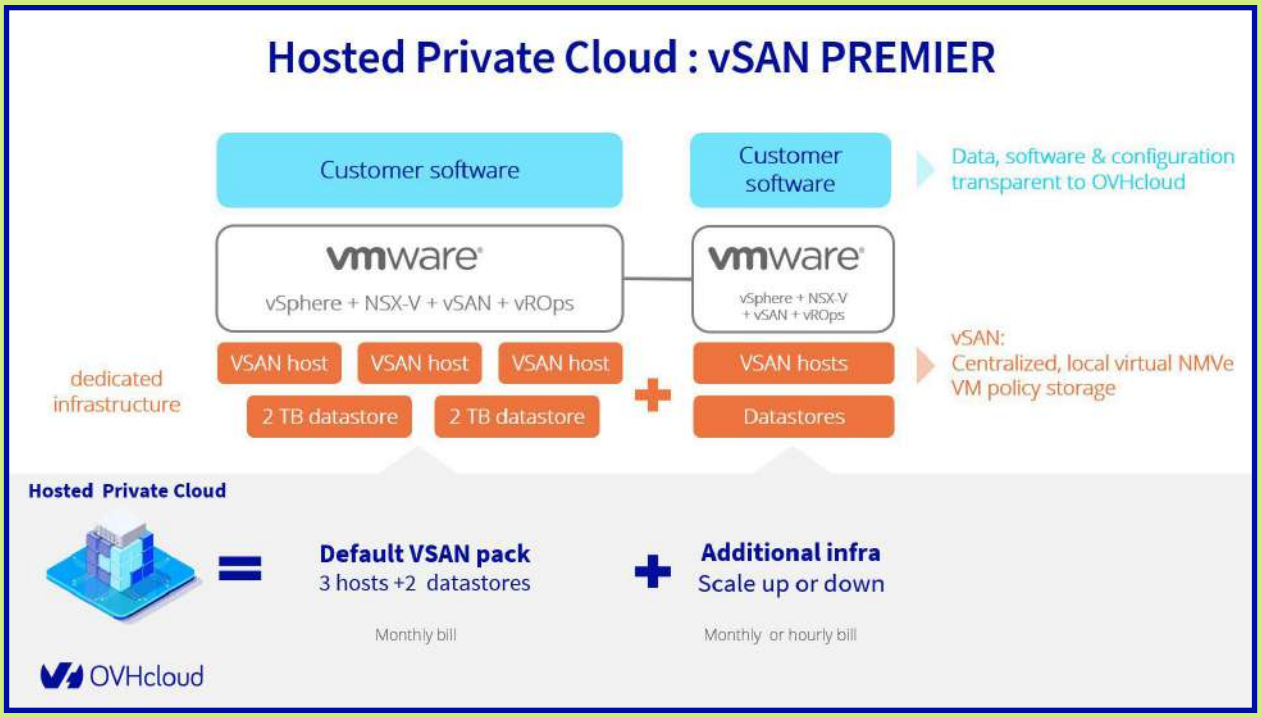


Clickable "Get a callback" button that links to a contact form

Our solutions:

Hosted Private Cloud: VMware





***Note that you can combine PREMIER hosts (e.g. PREMIER 192 with PREMIER 384). You can also combine datastore offers (e.g. 3 TB with 18 TB). It is possible to combine PREMIER and vSAN solutions; however, you cannot combine multiple vSAN solutions. You are responsible for the backups of your infrastructure. A minimum of 3 vSAN hosts is required.**

	HPC Premier	HPC vSAN
Intel GOLD CPU Cores	**12 – 32**	**40**
Memory	**48 to 768**	**192 to 768**
Technology	Fully SSD VMware licence: Enterprise Plus	Fully NVMe + VMware licence SSD datastores: Enterprise Plus
Capacity	From 3 TB to 36 TB net per datastore	From 8 TB to 38 TB raw per vSAN host
Use cases	• File storage • Web applications • Content repository • Development environments	• Business-critical services or applications • Workplace environment virtualisation • Inventory management software

Features included:

- 2 x 2 TB datastores
- vSphere Enterprise Plus platform
- Anti-DDoS protection
- vScope monitoring
- NSX licence
- vROps monitoring
- Bandwidth
- Advanced security pack
- Activatable options with no additional fees: HDS or PCI-DSS compliance

Managed Bare Metal Essentials:

Packs:

	Essentials ESS64 Pack	Essentials ESS128 Pack	Essentials ESS256 Pack
Number of hosts per pack	2	2\	2
Hypervisor	VMware Enterprise Plus	VMware Enterprise Plus	VMware Enterprise Plus
Hypervisor version	Version 6.7	Version 6.7	Version 6.7
Number of datastores	2	2	2
Private bandwidth	3 Gbit/s unlimited	3 Gbit/s unlimited	3 Gbit/s unlimited
vROps Monitoring	Included	Included	Included
Service level agreement (SLA)	99.95%	99.95%	99.95%
Certifications	ISO 27001, SOC	ISO 27001, SOC	ISO 27001, SOC

Hosts:

	Essentials ESS64 Pack	Essentials ESS128 Pack	Essentials ESS256 Pack
Processor	Intel Xeon ES-2689 V4	Intel Xeon ES-2680 V4	Intel Xeon ES-2680 V4
Number of CPUs per host	Uni-processor	Uni-processor	Dual processor
Frequency	3.1 GHz	2.4 GHz	2.4 GHz
Number of cores	10	14	28
Number of threads	20	28	56
Memory	64 GB ECC DDR4 2400	128 GB ECC DDR4 2400	256 GB ECC DDR4 2400

Datastores:

	Essentials ESS64 Pack	Essentials ESS128 Pack	Essentials ESS256 Pack
Volumetrics	2 TB (options available)	2 TB (options available)	2 TB (options available)
Disk type	SSD	SSD	SSD
Number of network ports	4	4	4
Network port speed	10 Gbit/s	10 Gbit/s	10 Gbit/s

Hosted Private Cloud: Anthos

Hosted Private Cloud Packs	Discovery Pack	Stateless Production Pack	Stateful Production Pack
Use case	Ideal for a trial or POC	Ideal for stateless production	Ideal for stateless production
Service level agreement (SLA)	99.5%	99.95%	99.95%
Bare metal nodes included	5 (60 vCPU, 320 GB RAM, 5 TB local NVMe)	15 (180 VCPU, 960 GB RAM, 15 TB NVMe)	15 (180vCPU, 960 GB RAM, 15 TB NVMe)
Netapp managed cluster	None	None	55 TB (active replication x2)
Minimum commitment	3 months	12 months	12 months

Hosted Private Cloud: Nutanix

Nutanix Pro and Ultimate packs available on the following Bare Metal servers

HGR-HCI-1

2 x Intel Xeon G 6226R Core CPUs: 32X/64T
vCPU: 128
RAM: from 6 x 4 TB to 24 x 4 TB Disks: from 192 GB to 384 GB

HGR-HCI-2

2 x Intel Xeon G 6226R Core CPUs: 40T/80C
vCPU: 160
RAM: from 6 x 4 TB to 24 x 4 TB Disks: from 384 GB to 768 GB

HGR-HCI-3

2 x Intel Xeon G 6226R Core CPUs: 48C/96C
vCPU: 192
RAM: from 6 x 4 TB to 24 x 4 TB Disks: from 768 GB to 1536 GB

BareMetal: Scale and High Grade dedicated servers

	Scale	High Grade
CPU	AMD Epyc or Intel Xeon Gold processors, 16c – 24c cores and 2.3 GHz – 4.1 GHz	AMD Epyc or Intel Xeon Gold processors, with 12c – 32c cores and 2.4 GHz – 4.1 GHz
RAM	from 192 GB – 1.5 TB	from 96 GB – 2 TB
Storage	SoftRAID NVMe SSD	SoftRAID NVMe SSD/SoftRAID SAS SSD
Public bandwidth	Up to 10 Gbit/s	Up to 10 Gbit/s
Private bandwidth	Up to 25 Gbit/s*	Up to 50 Gbit/s*
SLA	99.99%	99.99%
Distributions	Windows Server, Debian, Ubuntu, CentOS, VMware, CoreOS, Windows Hyper-V, Plesk, cPanel and Microsoft SQL Server	Windows Server, Debian, Ubuntu, CentOS, VMware, CoreOS, Windows Hyper-V, Plesk, cPanel and Microsoft SQL Server
Use cases	• File storage • Web applications • Content repository • Development environments	• Business-critical services or applications • Workplace environment virtualisation • Inventory management software

***The OVHcloud Link Aggregation feature must be enabled and configured to use all four network links.**

Features included:

		Scale	High Grade
Resilience	IPMI/KVM	X	X
	Rescue mode	X	X
	Backup storage space	X	X
Network	OVHcloud Link Aggregation	X	X
	Scalable public bandwidth	X	X
	vRack	X	X
Hardware	Hot swap disks	X	X
	Cold disk changes	X	X
	Disk customisation	X	X
	GPU	X	X
Data privacy	AMD SME and SEV	Only on servers with an AMD Epyc processor	Only on servers with an AMD Epyc processor from the HGR-HCI range
	Intel SGX	-	Only on servers with an INTEL processor
Redundancy	Redundancy Dual power supply	X	X
	Dual NIC	X	X
	Software RAID	X	Yes, on the HGR-SDS/HGR-AI ranges
	RAID hardware	-	Yes, only on HGR-HCI-1, 2 & 3

***Only 20 vRacks can be provided per customer and 4000 vLans per vRack**

Features	
DHCP service	You can choose to use addressing via DHCP to optimise your settings.
Fixed or dynamic addresses	Option to select specific addresses in the network range for a port or an instance.
DNS Integration	The DHCP configuration can include setting the DNS servers that should serve your network. Ability to point to the DNS server of your choice.
Unattached port	Option to detach a port from an instance without loss.
Range definition	DHCP servers can serve a specific CIDR configuration, targeting only a part of the IP address range you have chosen.

Please note: only 20 vRacks and 4000 VLANs per vRack can be provided per customer.