

SINGLE-TENANT SOLUTION

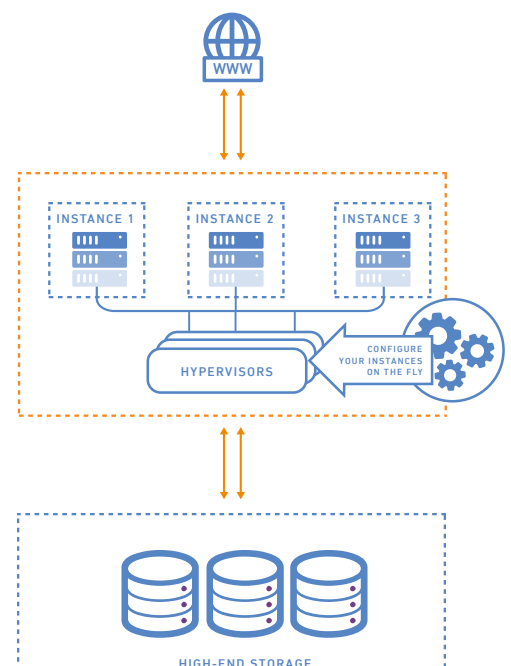
Leaseweb VMware vSphere

A custom solution that lets you build an environment suited to your needs, utilizing virtualization benefits including flexibility, cost-effectiveness, and scalability.

VMware vSphere is a powerful single-tenant computing platform for your business applications, providing dedicated hypervisor performance together with the flexibility inherent in virtualization. This product runs VMware vSphere Enterprise, which includes VMware Fault Tolerance (FT), VMware High Availability (HA), VMware vMotion, and VMware Distributed Resource Scheduling (DRS), all built on top of leading-brand hypervisors, and fully dedicated to your virtual infrastructure. Attached to it, enterprise grade SAN/NAS storage provides fast and reliable cloud storage for your virtual machines.

Our vSphere Resource Packs allow you to configure your private cloud infrastructure. Set up any type of VM with the operating system of your choice and enjoy total freedom to allocate resources such as CPU and memory. Additionally, configure your storage capacity and network traffic to create your optimum business environment.

We provide the hardware and the virtualization layer, and we monitor them to ensure it's healthy, up to date and operating under strict service level agreements. Our 24/7 technical team ensures your infrastructure receives the highest level of support.



The single-tenant environment of VMware vSphere has the same great infrastructure components as our public cloud. This approach provides you with dedicated access to VMs and VMware datastore. By using the VMware vCenter management platform, you can provision everything you need to run a private cloud like a virtual data center.

Dedicated Components

This product gives you dedicated CPU and RAM running on top of dedicated hypervisors that we deploy and manage for you.

Configuration Freedom

Our solution allows you to build your virtual data center with virtualized compute out of your dedicated hardware. You can grow the resources you need (RAM and CPU within the allowed ratios, Network Traffic or Storage) as you need them, to make your cloud grow as fast as your needs.

Enterprise Storage

We provide you with the storage that best suits your needs, depending on your business requirements. All our storage systems are fully redundant and highly available. You can manage your storage within vCenter where it's configured as a datastore.

Full redundancy / high availability

Hypervisors and network are architected to provide 2N redundancy, so there are no single points of failure in your private cloud implementation. In case of a hypervisor failure, the N+1 redundancy set at ESXi host level guarantees that the remaining hypervisors will have enough capacity to run all the workload, making the affected VMs restart automatically in a healthy hypervisor.

Private Management

Access the VMware vCenter Server, which provides a centralized console for managing your entire virtual infrastructure. The server allows management of the environment by providing your IT administrators with simple automation:

- Centralized control and visibility at every level
- vSphere security and availability via automated proactive management

Improved Virtualization

We give you modular architecture, allowing you to build an economical, reliable, and customized VMware vSphere. We offer the full suite of VMware features, including High-Availability (HA), Distributed Resource Scheduling (DRS) and vMotion functionality.

Features

- Hybrid architecture: Get the benefit of dedicated hypervisors and enterprise grade SAN/NAS storage
- Full access: Control the private cloud via VMware vCenter management tools
- Highly secure: Each private cloud solution provides you with a secure, dedicated, single-tenant environment
- Dynamic scalability: Add more compute or storage capacity just by adding compute resources or storage
- Disaster Recovery as a Service: Leaseweb can provide DRaaS solutions between several datacenters
- Always online: Fully redundant and fault tolerant platform, including the Internet connectivity
- Robust SSD and SATA storage integration: Secure and performant storage out of our SAN/NAS platforms
- Resource management: Access vCenter statistics to optimize your resources
- Resource administration: Create your own templates to rapidly provision new virtual machines when needed
- KVM console: Troubleshoot your VMs boot sequence by accessing their virtual KVM
- Backup data: Access the datastore browser to create copies of your data
- Licensing features: License your Virtual Machines with our SPLA licenses
- Dedicated support: Highly knowledgeable team with virtualization specialists