

SINGLE-TENANT SOLUTION

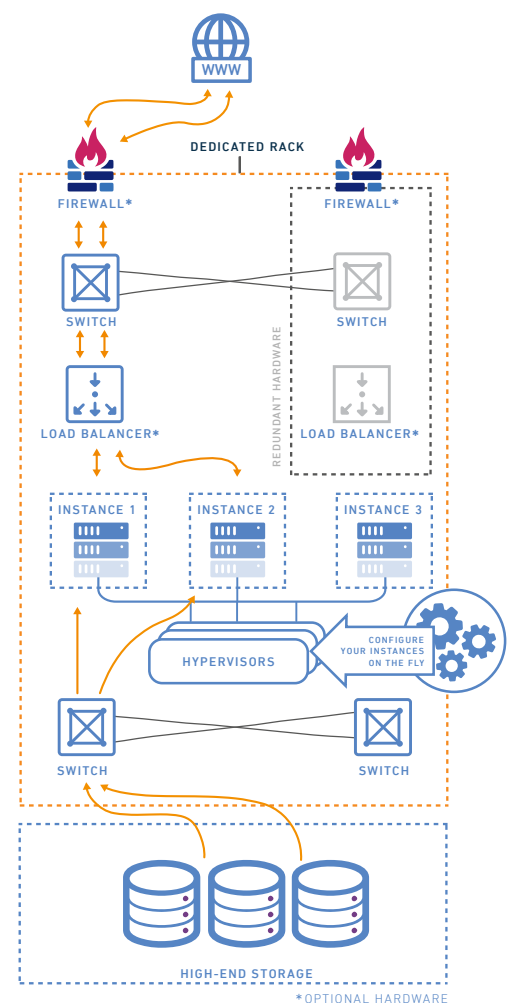
Leaseweb VMware vSphere

A custom solution that lets you build an environment suited to your needs, utilizing virtualization benefits including elasticity, reduced provisioning costs, and scalability.

Deployed in a dedicated private rack, VMware vSphere is a powerful single-tenant computing platform for your business applications, providing high hypervisor performance and the flexibility inherent to virtualization. This product runs VMware vSphere Enterprise, which includes VMware Fault Tolerance (FT), VMware High Availability (HA), VMware vMotion, VMware Distributed Resource Scheduling (DRS) and NSX technology. It utilizes leading-brand hypervisors connected to one of our high-performance storage systems, where all virtual machines (VMs) and their data reside.

Resource packs allow multiple VMs to run on 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. Independently configure storage capacity and network traffic to create your optimum business environment. Addition of dedicated firewalls and load balancers are optional.

We provide the hardware, virtualization layer, monitoring, and upgrades of the hardware and software virtualization layer under strict service level agreements. Our 24x7 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, VMware datastore, and optional firewalls and load balancers. 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 in a dedicated rack with dedicated WAN connectivity.

Configuration Freedom

Our solution lets you add hardware such as firewalls, load balancers, and physical servers needed to perform tasks that require dedicated hardware.

Enterprise Storage

We can provide you with the storage that best suit your needs, depending on your business requirements. All of our storage systems are fully redundant and highly available.

Full redundancy / high availability

VMware vSphere grants N+1 redundancy at the ESXi host level and 2N redundancy at the software and storage levels, so there are no single points of failure in your private cloud implementation. The virtualization layer monitors all the hosts in the cluster for any failures. If it detects a server failure, the VM restarts on a surviving host, without the need for manual intervention.

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: mix dedicated and virtualized hosts in one private cloud environment
- Full access: control the private cloud via VMware Virtual Center management tools
- Highly secure: each private cloud solution provides you with a secure, dedicated, single-tenant environment
- Dynamic scalability: rapid provisioning of virtual machines (VMs) allows you to scale more easily
- Disaster Recovery as a Service: Leaseweb can provide DaaS solutions between several data centers
- Dedicated networking hardware: add load balancers and firewalls to your solution when required
- Always online: fully redundant platform, including the Internet connectivity
- Robust SSD storage integration: improve performance and reliability and dynamic allocation
- Resource management: view graphs of the resources in use to determine whether optimization is possible
- Resource administration: use templates in order to deliver future VMs rapidly and in turn-key form
- Resource analysis: access the VM consoles to track everything from boot
- Backup data: access the datastore browser to create copies of your data
- Licensing features: all Microsoft SPLA licenses available
- Dedicated support: highly knowledgeable team with virtualization specialists