

SINGLE-TENANT HYPERCONVERGED SOLUTION

# Leaseweb VMware HCI

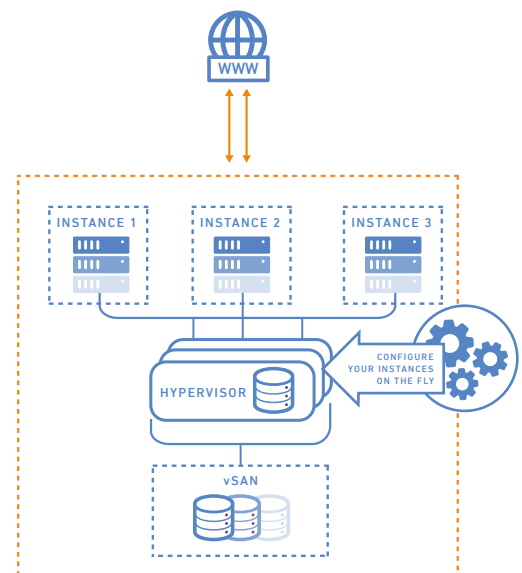
**A custom solution that lets you build an environment suited to your needs, utilizing virtualization benefits including flexibility, cost-effectiveness, and scalability.**

VMware HCI is a powerful single-tenant computing platform for your business applications, providing dedicated hypervisor performance together with 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), vSAN storage and NSX-T virtual network technology. All built on top of leading-brand hypervisors, and fully dedicated to your virtual infrastructure.

From our list of Intel and AMD models you can build 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, memory, and storage.

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 HCI 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, RAM, NVMe disk capacity, and virtual network built on top of cutting edge NSX-T technology.

### Configuration Freedom

Our solution allows you to build your virtual data center with virtualized compute, storage, and network, all out of your dedicated hardware.

### vSAN powered NVMe storage

Within your hypervisors, we provide you with vSAN datastores built with NVMe drives for both capacity and cache, ensuring the highest

performance for you.

Different redundancy policies are enabled for your platform depending on the number of hypervisors, so you can decide the best balance between performance and reliability for each of your virtual machines.

### NSX-T powered virtual network

As well as the compute and the storage, your network is also virtualized on Leaseweb VMware HCI, giving you full control over the network topology of your virtual data center.

### 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 the remaining hypervisors will have enough capacity to run all the workload, making the affected VMs restart automatically in a healthy hypervisor.

### Private Management

Gain access to 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

- Hyperconverged architecture: Compute, storage and network built together in a consistent virtual data center
- Full access: Control the private cloud via VMware vCenter and NSX 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 ordering additional hypervisors
- Disaster Recovery as a Service: Leaseweb can provide DRaaS solutions between several data centers
- Always online: Fully redundant and fault tolerant platform, including the Internet connectivity
- vSAN with NVMe storage: Dedicated virtual storage integrated into your hypervisors
- 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