

VMWARE PRIVATE CLOUD

This custom solution lets you build the environment exactly to your needs, while taking advantage of virtualization benefits like elasticity, reduced provisioning costs, and scalability.

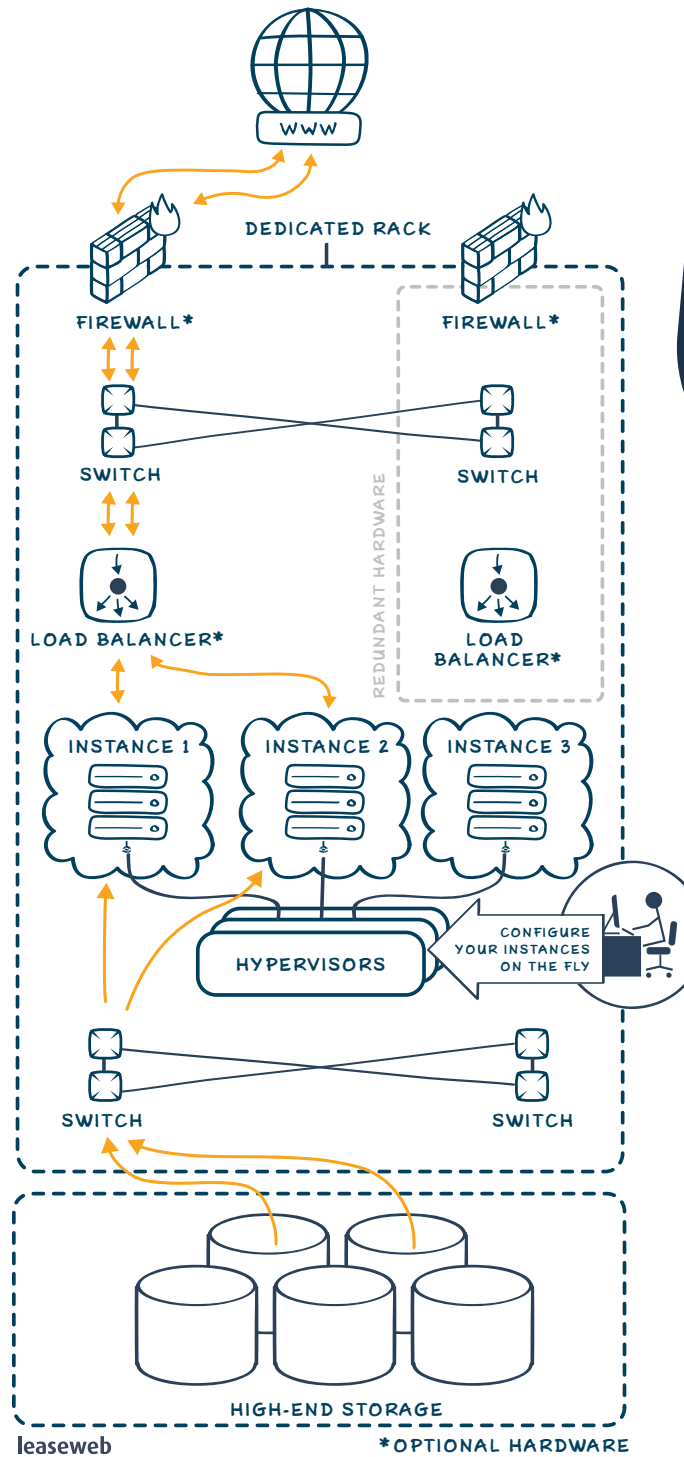
VMware gives you the freedom to add dedicated firewalls and load balancers when needed, and upgrade storage capacity and resources, such as CPU and RAM, as required. This product runs VMware vSphere Enterprise, which includes VMware Fault Tolerance (FT), VMware High Availability (HA), VMware vMotion, and VMware Distributed Resource Scheduling (DRS). 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 let you run multiple VMs on your private cloud infrastructure. You can set up any type of VM with the operating system of your choice, with the total freedom to allocate resources, such as CPU and memory. They also allow independent configuration of storage capacity and network traffic, enabling you to create your optimum business environment, with the option to add dedicated firewalls and load balancers.

We provide the hardware, the virtualization layer, and the monitoring of the hardware and virtualization layer, so you do not have to worry about hardware and resource issues. Our dedicated technical team ensures your infrastructure receives the highest levels of support via our complimentary Basic SLA, which you can upgrade if you require enhanced support.

FEATURES

- **Flexible customization:** 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
- **Seamless disaster recovery:** VMs can failover to other physical servers for instant disaster recovery and higher availability
- **Dedicated hardware:** add load balancers and firewalls as and when required
- **Always online:** fully redundant platform, including the Internet connectivity
- **Robust SAS-NAS integration:** improve performance and reliability, dynamic allocation, and de-allocation for storage elasticity
- **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 complete with virtualization specialists



ADVANTAGES

Dedicated single-tenant environments

VMware Private Cloud includes the same great infrastructure components as our public cloud but is a single-tenant environment. This approach provides you with dedicated access to VMs, VMware datastore, as well as optional firewalls and load balancers. By using the VMware vCenter management platform, you can provision everything you need, in order 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

Depending on the business requirements, we can provide you with the storage that best suit your needs. We offer storage from leading brands, such as IBM N Series and HP 3PAR. All our storage systems are fully redundant and highly available.

Full redundancy / high availability

VMware Private Cloud 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 Private Cloud. We are able to offer the full suite of VMware features including High-Availability (HA), Distributed Resource Scheduling (DRS) and vMotion functionality.

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