

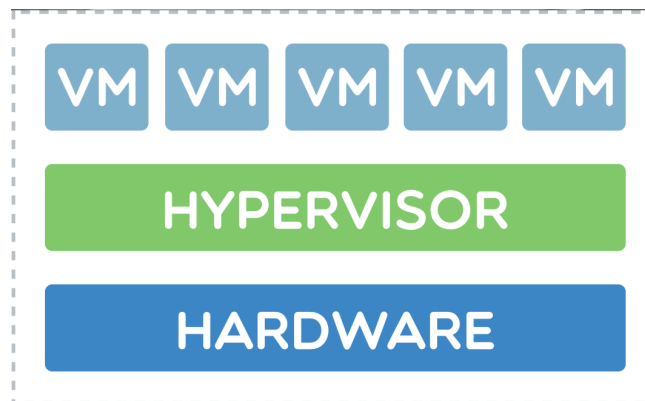
The most popular hipervisors:

VMware ESXi  
Hyper-V  
Xen  
Oracle VM VirtualBox  
VMware Workstation  
KVM

They are divided into two types:

Type 1	Type 2
VMware ESXi	Oracle VM VirtualBox
Hyper-V	VMware Workstation
Xen	KVM

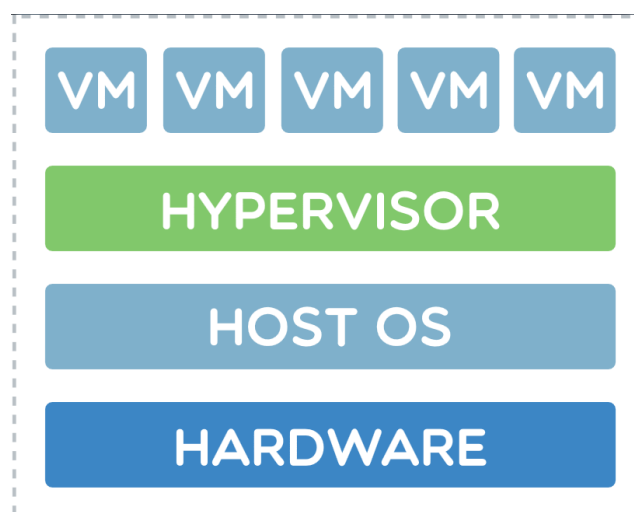
The first type of hypervisors is also called a microkernel, a thin hypervisor, an autonomous hypervisor that runs directly on the host hardware to manage equipment and manage guest virtual machines.



Picture 1. Hipervisors type 1.

Source <https://www.sim-networks.com/blog/hypervisors-vmware-kvm-xen-openvz>

The second type of hypervisors is also called hosted. It is an additional software layer, which is located on top of the main operating system. In this case, the guest OS runs as a process on the host, and hypervisors separate the guest OS and the host OS.



Picture 2. Hipervisors type 2.

Source <https://www.sim-networks.com/blog/hypervisors-vmware-kvm-xen-openvz>

But there is still a third type - hybrid hypervisors that combine the properties of both types. Modern versions of Xen and Hyper-V hypervisors combine the properties of both types.