Hardware requirements for KVM Slave

SolusVM KVM Slave node should match hardware requirements similar for regular KVM node without SolusVM software. Here is an example of recommended settings:

- One core or thread for each virtualized CPU and one for the host.
- 2 GB of RAM for the system services, + additional RAM for virtual machines.
- / 80GB+ (KVM templates & iso's will be stored in /home/solusvm/kvm) + additional disk space for virtual servers. You should consider checking Partitioning for KVM Slave part as well before purchasing the server.
- SWAP 4GB+ (Virtual servers may use host swap if there is a real memory shortage)

Hardware should be tuned and adjusted depending on how many VPSes will be (or potentially can) be hosted on the KVM.

Therefore, refer to the Official KVM requirements for the details: CHAPTER 1. SYSTEM REQUIREMENTS

Verify that CPU virtualization extension is enabled for the server:

```
grep -E 'svm|vmx' /proc/cpuinfo
```

The output should have 'vmx' flag for Intel processors and 'svm' fro AMD processors. If it is not enabled, check the manufacturer documentation how to enable it for bare-metal servers or how to enable nested virtualization if this is a virtual server

Supported Operating Systems

List of Supported Operation Systems		
OS	**Specific**	**Download link**
CentOS 6	• May have some issues with ext4 file system. • Will reach End of Life on November 30th, 2020	http://isoredirect.centos.org/centos/6/isos/x86_64/
CentOS 7	• Solid, stable and recommended solution. • Cannot work with NTFS file system out of the box, additional modifications are required, see Libguestfs for CentOS 7	**http://isoredirect.centos.org/centos/7/isos/x86_64/CentOS-7-x86_64-Minimal-1810.iso**
RHEL 6	-	https://developers.redhat.com/products/rhel/download/
RHEL 7	**-**	**https://developers.redhat.com/products/rhel/download/**
Scientific Linux 6		https://www.scientificlinux.org/downloads/
Scientific Linux 7		**https://www.scientificlinux.org/downloads/**