About

KVM template is pre-defined clone image of the virtual machine from which you can deploy a new virtual machine.

SolusVM supports 2 types of template:

From SolusVM version 1.12.00 KVM based virtual servers can be built from pre-created templates. With the release of version 1.12.00 templating is limited to a system that we call "Generation 1".

- SolusVM Version: 1.12.00+
- Templates are supplied via our TDN (Template Distribution Network) http://tdn.solusvm.com
- The template location on the master & slave is: `/home/solusvm/kvm/template`
- You can use the Media Sync feature or place them in the above locations manually.
- The template filenames should start with the distro name i.e centos- debian- etc..
- In the TDN you are supplied with a static root password for the template. You don't need to use this, however you need to tick *Change Root Password* box when adding or editing the template. A new root password will then be given on creation or re-installation of the vps.
- The templates will automatically resize themselves when the vps are created. Make sure you specify the correct disk driver as shown in the TDN when adding the template to SolusVM.
- The WHMCS module has been updated to allow better provisioning of KVM vps (also see the emails section). See WHMCS Module.

Generation 2

Here is an outline of what the Generation version mean and its limitations:

- SolusVM Version: 1.13.00+
- Templates will be supplied via our TDN (Template Distribution Network) http://tdn.solusvm.com and community.
- Support for SLIM templates. Generation 2 templates can be as low as 130MB in size compared to Generation 1 templates that are 800MB+.
- Any partition layout will be supported.
- No need for Windows MBR files as currently used for Xen HVM.
- Support for Windows templates with any partition layout. All version of Windows templates will be automatically resized on creation and the administrator password WILL be set.
- Root passwords can be set or reset from the client/admin areas (Linux Only).
- Rescue mode for Windows/Linux where a client can repair their vps.
- Automatic template cloning of a pre-created virtual server.

Generation 1 templates have RAW storage format and bigger size comparing to Generation 2 templates in QCOW2 format (https://access.redhat.com/documentation/en-US/Red_Hat_Enterprise_Virtualization/3.5/html/Technical_Guide/QCOW2.html)