

Installation: How does one install managed host ?

Configuring a physical machine as a managed host on the [{avatar_b}™](#) server involves installing the managed host software packages on the physical host. The installation will automatically register the new host with the [{avatar_b}™](#) server.

Hardware requirements

PCs with >1GB of RAM and >80GB of hard disk space and a network interface card.

Here are the steps to be followed for the installation.

- Ensure {avatar_b} server is properly installed. You can do so by accessing " [http://{avatar_c}-server/{avatar_c}](#)" using Firefox (right now only Firefox 3.0 and above are supported).
- Identify a physical host that satisfies the hardware requirements listed above.
- Install Ubuntu 12.04.1 for 64 bit on the identified machine. During setup configure to acquire IP address via DHCP. Following partition layout is required:
 1. Software Raid 0 (only stripe)
 2. LVM on top of above raid setup.
 3. Single partition for Ubuntu OS on top of LVM.
- Select the following packages for installation when prompted :
 1. Samba File server
 2. OpenSSH server
 3. Managed host to run virtual machine. (Ubuntu 12.04.1, This will install libvirt and kvm package from CD.)
 4. Print server
- Install {avatar_b}™ software on the host
 1. Open bash shell and execute the following command
 - `$ wget http://{avatar_c}-server/install.sh`
 2. If you plan to use KVM (linux kernel virtual machine) for virtualization, execute the following command as superuser (root)
 - `$./install.sh -s {avatar_c}-server -m -k`

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3. Or, if you plan to use Vmware server for virtualization,
 1. Execute the following command as superuser (root)
 - \$./install.sh -s {avatar_c}-server -m -v
 2. Download VMware Server (version 1.0.9 or greater) packages from the internet.
 3. Follow the installation instructions provided therein.

*Note:

- "{avatar_c}-server" is the host name of the machine in which {avatar_b}TM server has been installed.
- KVM can only be installed on a machine that supports hardware virtualization.
- While Installing Managed Server on a {avatar_b}TM server br0 has to be configured manually.

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