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}TM 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}™ server has been installed.
- KVM can only be installed on a machine that supports hardware virtualization.
- While Installing Managed Server on a {avatar_b}™ server br0 has to be configured manually.

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