

Updates for the ESX Server 2.5.x Administration Guide

VMware® ESX Server 2.5.x

Last Updated: June 24, 2009

This document provides updates to the VMware® ESX Server 2.5.x version of the *Administration Guide*. Updated descriptions, procedures, and graphics are organized by page number so you can easily locate the areas of the guide that have changes. If the change spans multiple sequential pages, this document provides the starting page number only.

The following is a list of *Administration Guide* page updates in this document:

- [Example , “Updates for Changing the Maximum Size of a File Allowed by VMFS on Page 188,”](#) on page 2
- [“Updates for Additional Notes for Clustering Across Physical Machines on Page 296”](#) on page 2
- [“Updates for Installing Microsoft Cluster Service section on Page 297”](#) on page 2
- [“Updates for Forcing the Network Driver to Use a Specific Speed section on Page 315”](#) on page 2
- [“Updates for Improving Slow Performance on Virtual Machines section on Page 330”](#) on page 3

Updates for Changing the Maximum Size of a File Allowed by VMFS on Page 188

The section “Changing the Maximum Size of a File Allowed by VMFS” states that the default maximum size for virtual disks is 144 GB. The default in the product is actually 456GB. You can change the value in the Max File Size field to increase or decrease the maximum virtual disk size.

Updates for Additional Notes for Clustering Across Physical Machines on Page 296

The section “Additional Notes for Clustering Across Physical machines” instructs you to add a line to `/etc/vmware/hwconfig` with the following format:

```
device.vmnix.6.14.0.options = "lpfc_delay_rsp_err=0"
```

The line that should be added to `/etc/vmware/hwconfig` should read as follows:

```
device.esx.6.14.0.options = "lpfc_delay_rsp_err=0"
```

Earlier versions of ESX Server used the `vmnix` entry, but in ESX Server 2.5 and later, this entry will be removed from the `hwconfig` file upon the next reboot unless you use “`esx`” in the entry instead of “`vmnix`.”

Updates for Installing Microsoft Cluster Service section on Page 297

The section of Table 10-1 titled, “Virtual machine and swap (paging) file” should read, “Boot disk for the virtual machine (.vmdk).”

Updates for Forcing the Network Driver to Use a Specific Speed section on Page 315

Step 5 of the instructions to change the settings of the VMkernel network device states, “The network speed settings change takes effect after a reboot.” A reboot is not necessary after changing `vmnic` speed and duplex in ESX Server 2.5.x. The driver module is automatically unloaded and reloaded with the new parameters to trigger the change.

Updates for Improving Slow Performance on Virtual Machines section on Page 330

The note states, "If you see a high CPU utilization in a Windows 2000 SMP virtual machine, run the VMware Idler Service, available at www.vmware.com/download/esx/esx2-smpidler.html." This is correct only for ESX Server releases prior to ESX Server 2.1. The idler function is incorporated into the ESX Server Virtual Machine Monitor in ESX Server 2.1 and later releases. The old service which runs inside the guest operating system should not be used. Virtual machines created under ESX Server 2.0.x may still contain the VMware Idler Service. This should be removed, as it can conflict with the VMM-based service.

Follow these steps on each Windows 2000 SMP virtual machine:

- 1 To remove the VMware Idler Service: Go to the Control Panel folder and choose "Add/Remove Programs".
- 2 Install or upgrade VMware Tools to the version included with your current ESX Server.

