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How to Apply a XenServer Hotfix Using the Command Line

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Article | Topic : Installation/Upgrade

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Objective

This article provides a demonstration of the command line **patch-upload** and **patch apply** commands.

Instructions

Complete the following steps to perform the task:

1. Copy the downloaded XenServer update to the XenServer host. If in a pool, apply the hotfix to the pool master. Tools such as WinSCP can allow for files to be copied from a Microsoft Windows system to a Linux system, as shown in the following screen shot:
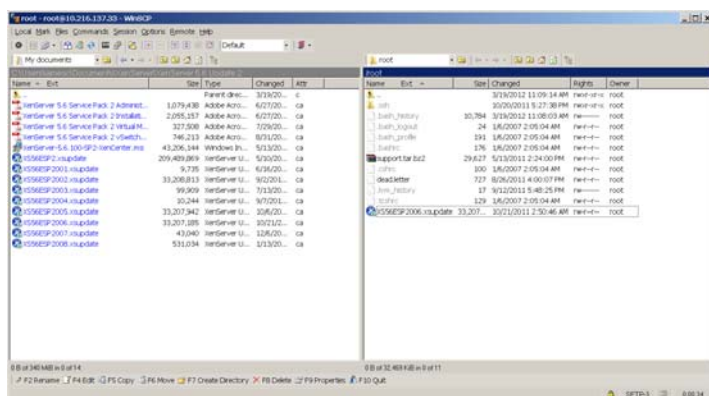
    This example copies Hotfix 6 for XenServer 5.6 Service Pack 2 to the /root home directory. The /tmp directory is also a good location. The important thing is to remember where you put the file.

2. Use the following command to upload the update to the pool database:
    xe patch-upload file-name=<Path of file and name>

3. In the following screen shot, you can see the present working directory using the Linux **pwd** command, and see the file listing using the Linux ls command. Because you are currently in the same directory as the hotfix, you only need to use the command as shown in the following screen shot:
    xe patch-upload file-name=XS56ESP2006.xsupdate
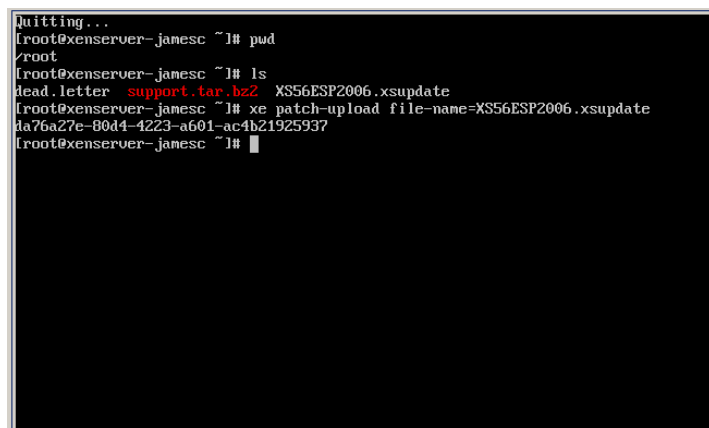
4. After running the preceding commands, you see the new Universal Unique ID (UUID) of the patch. You can also find it using the following command if needed:
    xe patch-list | more

5. Use the following command to Apply the patch:
    xe patch-apply uuid=<UUID of the patch> host-uuid=<UUID of the host>

Example:

xe patch-apply uuid=da76a27e-80d4-4223-a601-ac4b21925937 host-uuid=c9383181-27be-43dc-9a39-bf9b801582e8

Note: To patch all servers in a XenServer pool, run the following command:
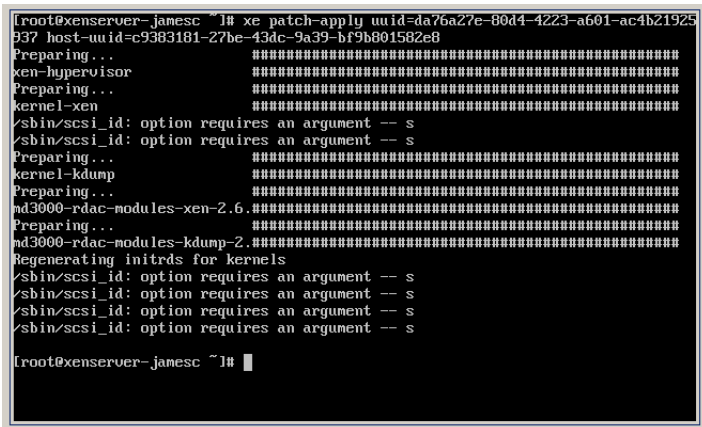
xe patch-pool-apply uuid=<UUID of the patch>

Example:

xe patch-apply uuid=da76a27e-80d4-4223-a601-ac4b21925937 host-uuid=c9383181-27be-43dc-9a39-bf9b801582e8

Note: You might need to run the **xe host-list** command or copy the host UUID from XenCenter. Also, begin with the pool master. The pool master should then be rebooted before proceeding with rebooting slave pool members.

Note: The message "/sbin/scsi_id: option requires an argument -- s" may appear when multipathing is configured with RDAC (Redundant Disk Array Controller). The following information is typical for a standalone XenServer.

6. Reboot the XenServer host. Reboot the pool master first. Do not place the pool master into maintenance mode because this designates another host to be the pool master. You will then have a slave with a higher version than the pool master. Recovery would involve reinstalling XenServer; there is not a rollback process for XenServer hotfixes.

7. In XenCenter, on the General tab of the host, verify that the patch has been applied.

Additional Resources

XenServer Administrator's Guide

Applicable Products

- XenServer

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