

Virtual Workstation Rebuild Instructions

Prerequisites:

The rebuilding of Virtual Workstations should be performed by 2nd or 3rd Tier and Onsite support members who have Valid Active Directory IDs with administrative access to the Virtual Workstation Hosts and sufficient rights to support desktop computers as well as access to the Administrative Website for configuration of Virtual Workstations. (i.e. <http://virtualserver.ntl-city.com:1024> for production and test at <http://virtualservertest.tstctr.ntl-city.net:1024>)

NOTE: See the “Virtual Workstation Design and Support Reference” for 2nd or 3rd Tier Support on the <http://FAQ> knowledge system for overall design understanding. Document ID: KN10088

General

Rebuilds of virtual workstations are similar to new manual builds with added steps to rename the old disks and preserving the configurations of the existing while rebuilding

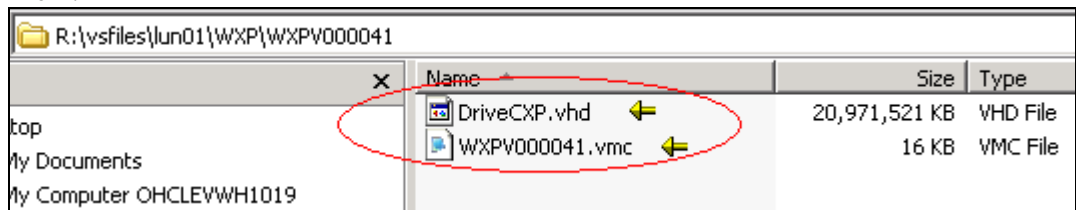
Permitted

- Rebuilds must match the existing guest with no changes to RAM, Disk, OS, etc
- Rebuilds on the same host only
- Any variations become a remediation request and should be completed by the Infrastructure Remediation Services group (IMS) and approved by the Gatekeepers. (i.e. Such as expanding disk or moving to different hosts)

Virtual Workstation Rebuild Instructions

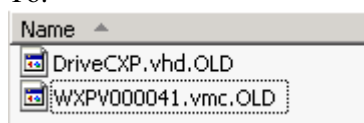
1. Access the Virtual Workstation Host via the Administration Website at <http://virtualserver.ntl-city.com:1024> for production and <http://virtualservertest.tstctr.ntl-city.net:1024> for test.
2. Shutdown guest if not already down from Administrative Website. It is not necessary to remove the guest from the website unless corrupt. It will then need to be re-added later.
3. Remote Desktop to the Microsoft Virtual Host the workstation resides.
4. Locate the directory for the workstation to be re-built and its configuration and files. Usually under the SAN drive path of R:\vsfiles\lun01\WXP\WXPVxxxxxx for XP or R:\vsfiles\lun01\W2K\W2KVxxxxxx for 2000.
5. Rename the existing file with “.OLD” extension for a backup to existing files. These can be deleted after re-built PC is completed and validated.

From:



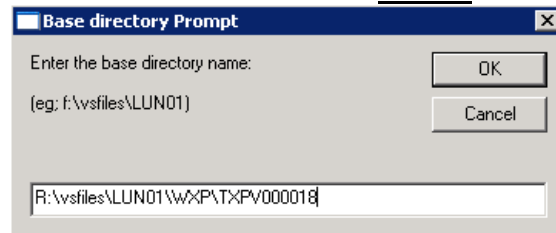
	Name	Size	Type
top	DriveCXP.vhd	20,971,521 KB	VHD File
My Documents	WXPV000041.vmc	16 KB	VMC File
My Computer	OHCLEVWH1019		

To:

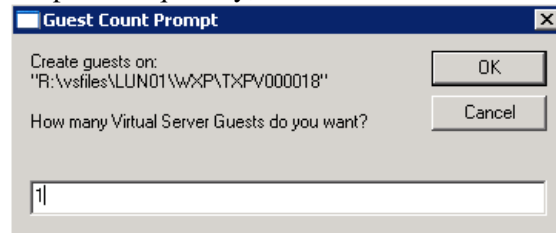


Name
DriveCXP.vhd.OLD
WXPV000041.vmc.OLD

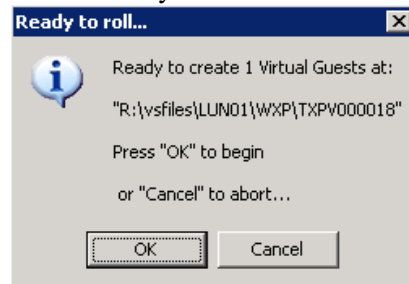
6. Note the full path of Workstation to be re-built and copy it to memory to be used on next steps. i.e. "R:\vsfiles\lun01\WXP\WXPVxxxxxx"
7. Locate the workstation build directories usually on the local hosts F Drive. Paths will be similar to F:\WXP_SysPrep for XP or F:\W2K_SysPrep for 2000
8. Locate and run by double-clicking correct VBScript file. Either F:\WXP_SysPrep\vmcopy.vbs for XP builds or F:\W2K_SysPrep\vmcopy.vbs for 2000 of the OS you are building.
9. When prompted with a popup window for "Base Directory", supply the path (paste from step 6) to the guest directory that you are rebuilding. Such as "R:\vsfiles\LUN01\WXP\TXPV000018" for a rebuild of TXPV000018. This will then create another directory beneath the one you are rebuilding with new files that will be moved back to the base after expanding. i.e. R:\vsfiles\LUN01\WXP\TXPV000018\VM001 will be created.



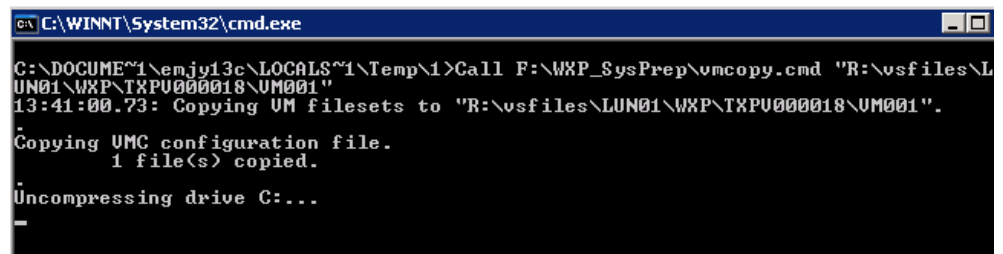
10. When prompted for quantity, enter 1 for rebuild



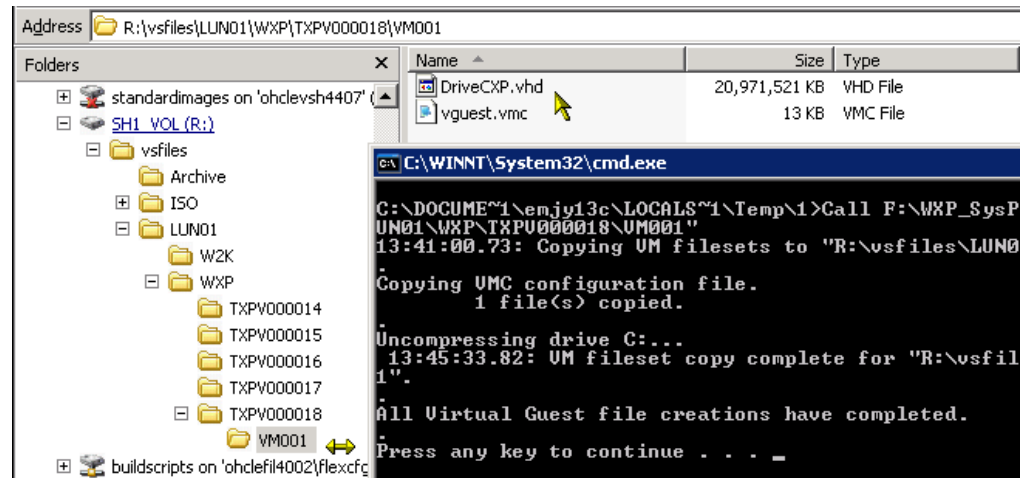
11. Confirm the summary window



12. Progress will continue with a command window



13. When completed you will see "Press any key to continue..." and can complete and close that window. Also, you will see the expanded guest hard drive and configuration images in a new directory "VM00x" where "x" is an incremental number. Files will be "Drivexxx.vhd" where xxx is either CXP for XP or W2K for 2000 and "vguest.vmc" to be later renamed to the computer name.



14. Move the new files from the VM001 directory back to the Guests base named directory and delete the empty VM001
15. Rename the “vguest.vmc” to the name of workstation name that is being re-built. i.e. “vguest.vmc” to “TXPV000018.vmc”
16. Access the Virtual Workstation Host via the Administration Website again at <http://virtualserver.ntl-city.com:1024> for production and <http://virtualservertest.tstctr.ntl-city.net:1024> for test.
17. Located the workstation that was previously shutdown for re-build and confirm its configuration for any errors with the virtual disks and that it is set for the “Guest LAN Adapter”. NOTE: if the workstation was removed from the Admin Website, it will need to be added back by supplying the path to the local *.vmc file. i.e. “R:\vsfiles\lun01\WXP\WXPVxxxxxx.vmc”
18. Start the Virtual workstation and the ZEUS build process will start.
19. After the ZEUS process has completed rebooting the workstation you should logon and confirm domain access and review for any errors.
20. Any issues that arise to stop the ZEUS process or with the Administrative Website should be escalated with 3rd Tier Desktop Support or Microsoft Virtual Server Component owners for Root Cause and routing of support tickets.
21. Confirm PC has re-built correctly and is valid, then delete and remove the renamed image files from step 5.
22. END

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