Creating Virtual Machines

Now that your VM folders are loaded with the drive file, its time to create your new VM servers. The first one to make is the WinRegTM server so it can be updated when needed.

Click on the Virtual Machines in the left side navigation bar, third icon from bottom. Click on the Create / Register VM option.

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Select the top entry "Create a new virtual machine" and click on Next at the bottom of the window.



Put in the name of the server you are going to create, in this case it would be WinRegTM. The name must match the folder name created when setting up the list of VM folders.



Select the drive the VM will be installed into, datastore3. Click on Next.



VM Settings - CPU to 3, Memory at 4096, click on the circled X for the Hard disk 1 to remove it. Their default drive is to be replaced with the one you put in place for this VM.



Click on the Add hard disk option.



Choose the Existing hard disk entry.



Select the datastore3 drive and the WinReg folder for this VM and its drive file.



The drive will be added. Change the Network adapter to be the VM Internet entry. Click on Next to continue.



Now review the selections to make sure you did not miss any setting changes. If all is well click on Finish.



The new VM will now show in the list in the offline mode.

Right click on the VM name and select Edit Settings entry.

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The Edit Settings window will open. Click on the Add Network adapter. - 0 **X** 👂 Powerful t 🗙 🔇 Time Log 🗙 🔚 enchanted 🗙 🔇 Administra 🗙 🐻 gem × 🛃 localhost 🛛 🗙 + 0 ← → C 介 ▲ Not secure | 154.27.95.139/ui/#/host/vms O ÷ \$ 奔 👖 Apps 📃 Website Developm... 🧧 Home Development 🧧 BibleStudyResources 📒 Second Life » Other bookmarks 🔠 Reading list vmware' ESXi rwcurtice@154.27.95.139 - | Help - | Q Search 🔄 localhost.localdomain - Virtual Machines 🎁 Create / Register VM | 👹 Console 📔 🕨 Power on 📲 Power of 📶 Suspend 📔 🥂 Refresh 🕴 🌺 Actions 🛛 Q. Search Virtual machine Status - Used space - Host name Host CPU ~ Host me... ~ 2 R WinRegTM Microsoft Window ... Unknown ON. 0B E I Navigator 1 items 🔁 Edit settings - WinRegTM (ESXi 6.7 virtual machine) Virtual Hardware VM Options IZ 📃 Add hard disk 🛛 🛲 Add network adapter 🛛 🚍 Add other device RY MAR F CPU 6 ~ 0 3 ge BB Memory 4096 MB V. Hard disk 1 60 GB 0 \sim SCSI Controller 0 LSI Logic SAS V. 0 SATA Controller D 0 USB controller 1 \sim 0 Network Adapter 1 VM Internet 🗸 🗹 Connect 0 CD/DVD Drive 1 Host device ✓ □ Connect \odot Video Card Default cottings Save Cancel Recent lask - Result . Task Target - Initiator ~ Queued ~ Started Completed • WinRegTM Create VM. 05/03/2021 18:04 ... 05/03/2021 18:04 ... 🔮 Completed successfully 05/03/2021 18:04 rwourtice https://154.27.95.139/ui/

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The new entry added will already be set to VM Internal Net option. So click on Save.

Now you can right click on the VM name again hover the mouse pointer over Power, then over Power On option.

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Use the VMWare Console window to see when its startup has completed to the point you may open Remote Desktop to its IP address to logon to it with the Administrator account.

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Test that the VM has internet and internal networking connections working. If any Windows Updates are needed, they may be applied. Do not install the Windows Malware program, right click on it whenever it shows up and hide it. Its a useless process that will search and remove any non-Windows programs that it deems are a problem regardless of any facts. Once the VM has been verified in good order, shut it down so it closes and powers off. The Microsoft Security Essentials program is a much better program if any such security is needed. The servers used here should only be running the grid simulators and not used for anything else that will lag them.

If any adjustments were made or updates applied to WinRegTM, copy its WinReg-flat.vmdk to the SSD drive root folder to use in creating the rest of the VMs on the server.

Create the WinReg## Drive Files:

Copying the WinReg-flat.vmdk to each WinReg##-flat.vmdk takes an extra step. <u>The one important step is this to copy the name of the WinReg-flat.vmdk in the lower left line as shown:</u>

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Select the Copy option, then choose the drive where the VM folder are located and the next WinReg## folder.

Past the file WinReg-flat.vmdk name in the lower left line and put in the matching folder name number as shown. Then click on Copy. Repeat this step for all of the WinReg## folders.



Next Chapter: WinReg Virtual Machine Setup.