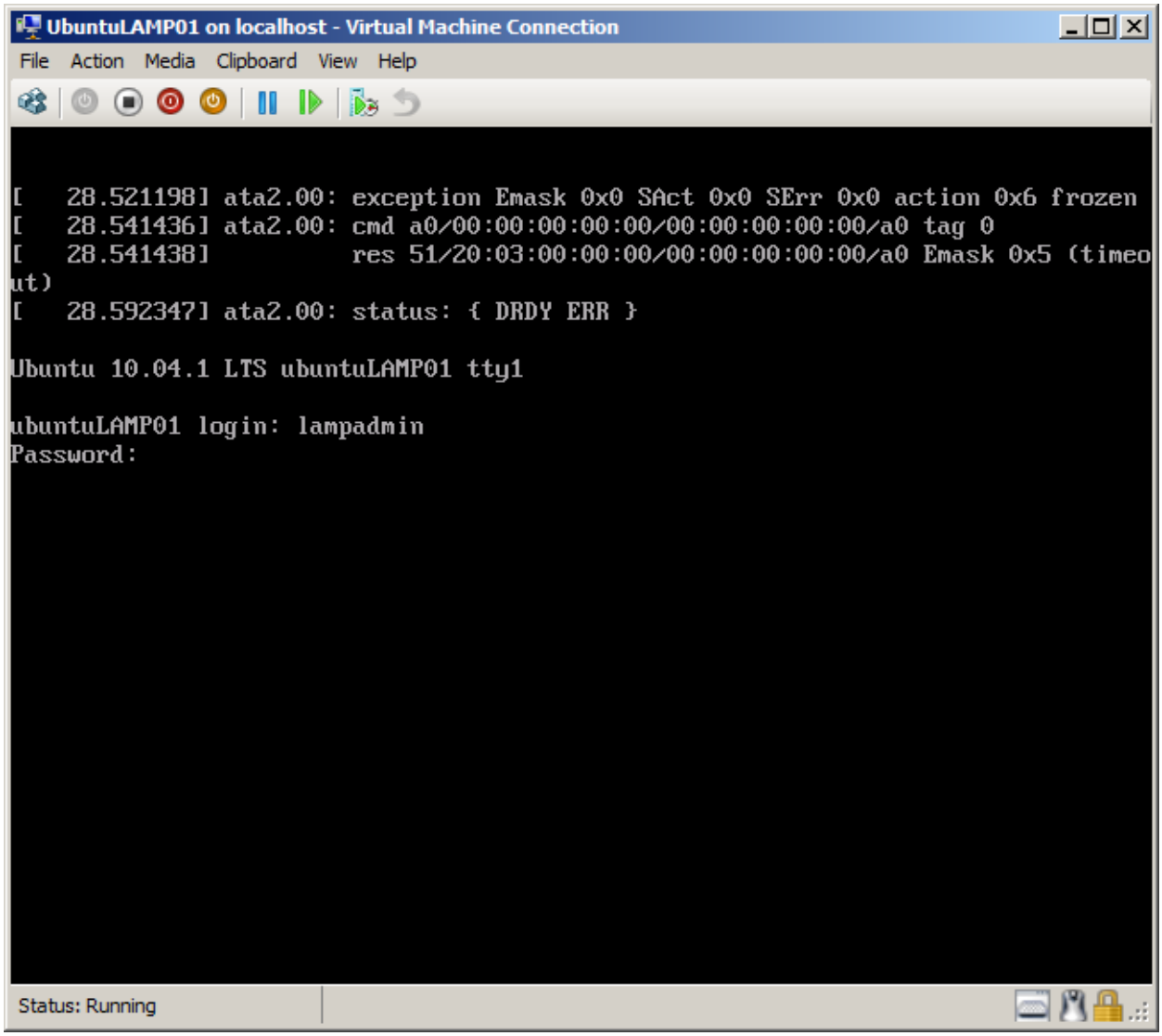
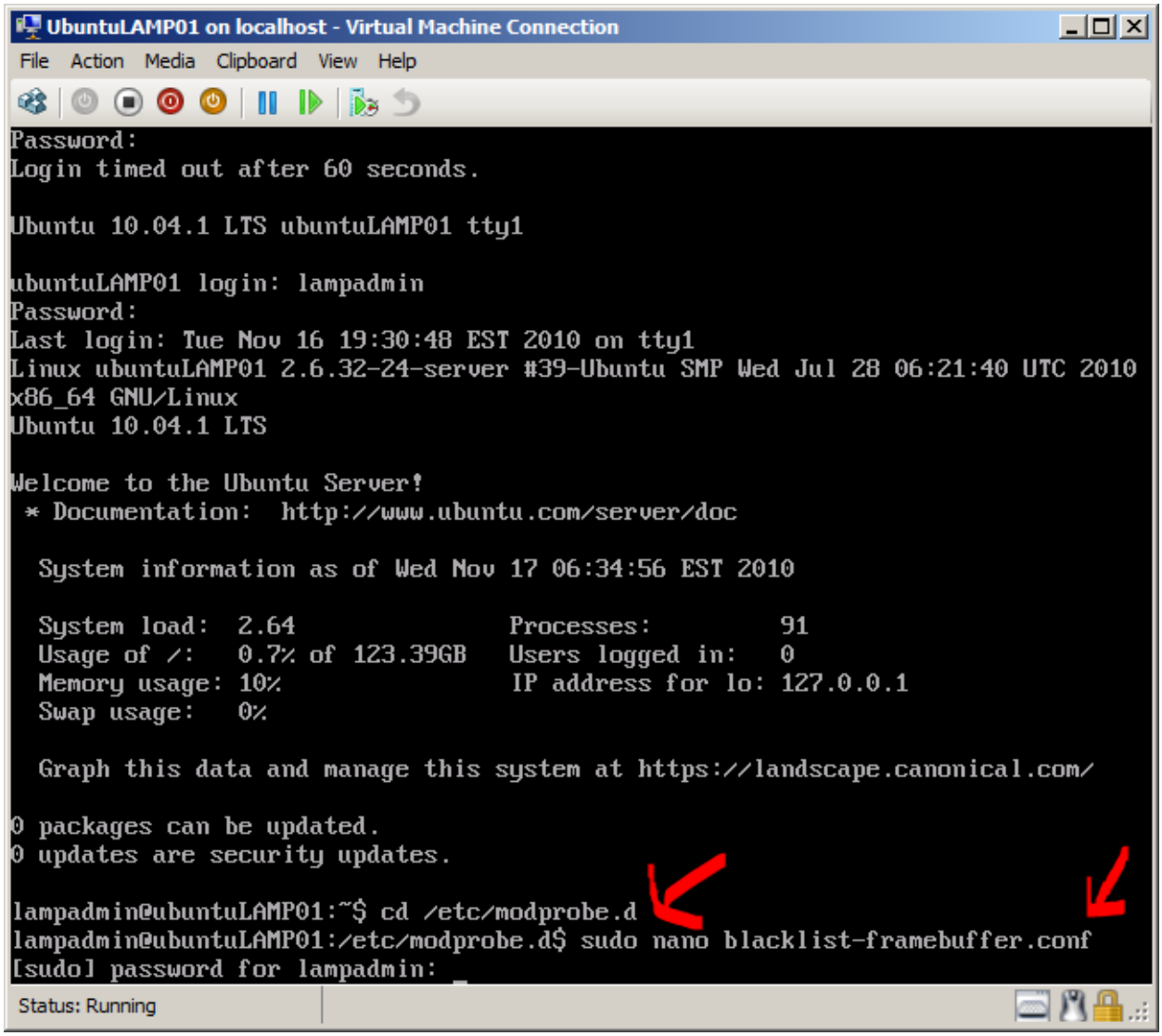
# *Virtual Ubuntu LAMP Server - Disable Slow Graphics*

You may have noticed how slow the screen goes when you installed Ubuntu in Hyper-V. To speed up the screen refresh it is necessary to disable the frame buffer module. A frame buffer loads a page onto the screen from memory. Unfortunately Ubuntu's frame buffer does not seem to play nicely with Hyper-V.

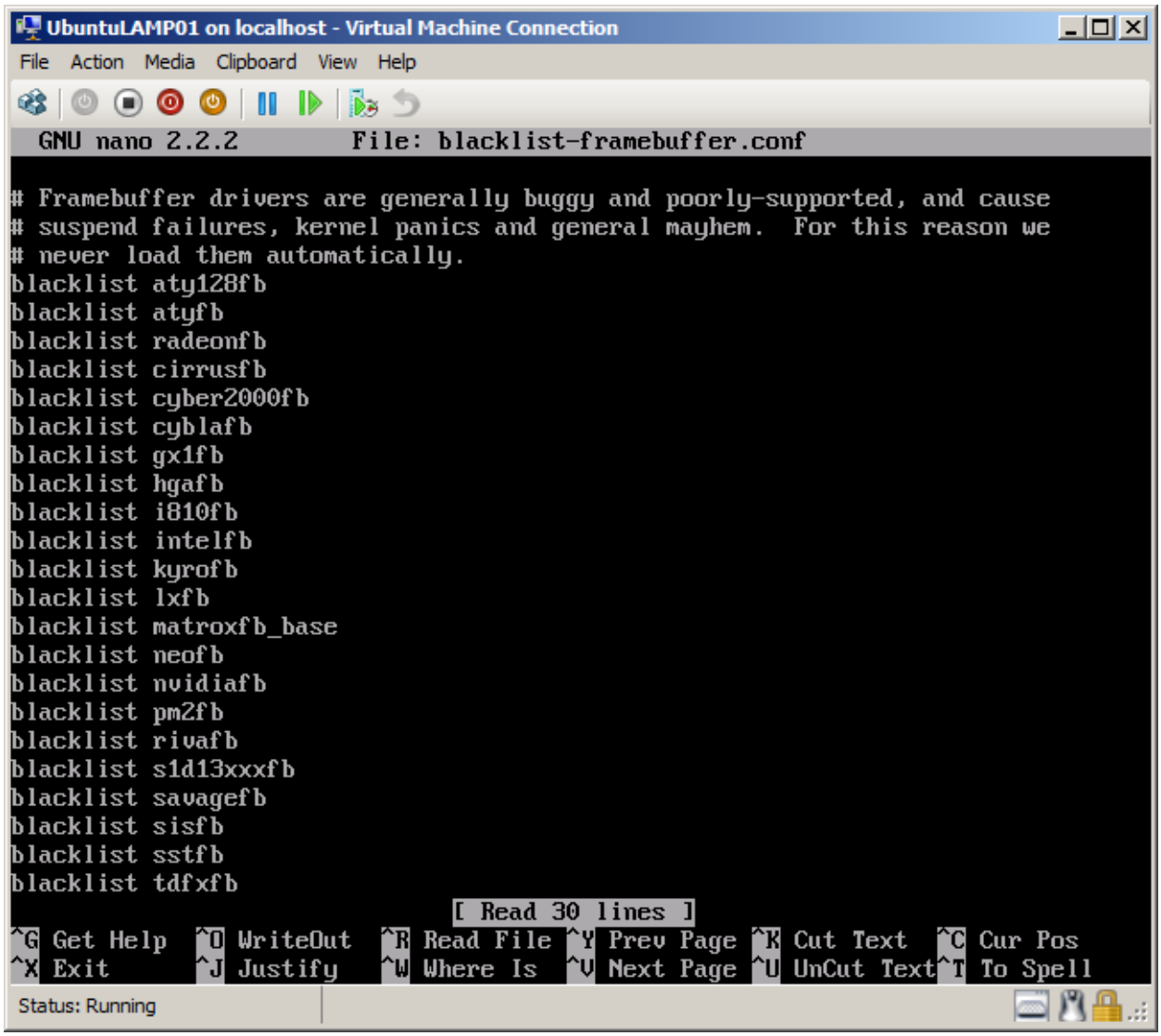
1. First log into you new Ubuntu server using your user name and password. (Although these pages are arranged in order of installation, the host name, user name and password may change from the last set of screens.) Simply continue using the username and password that you originally set up.



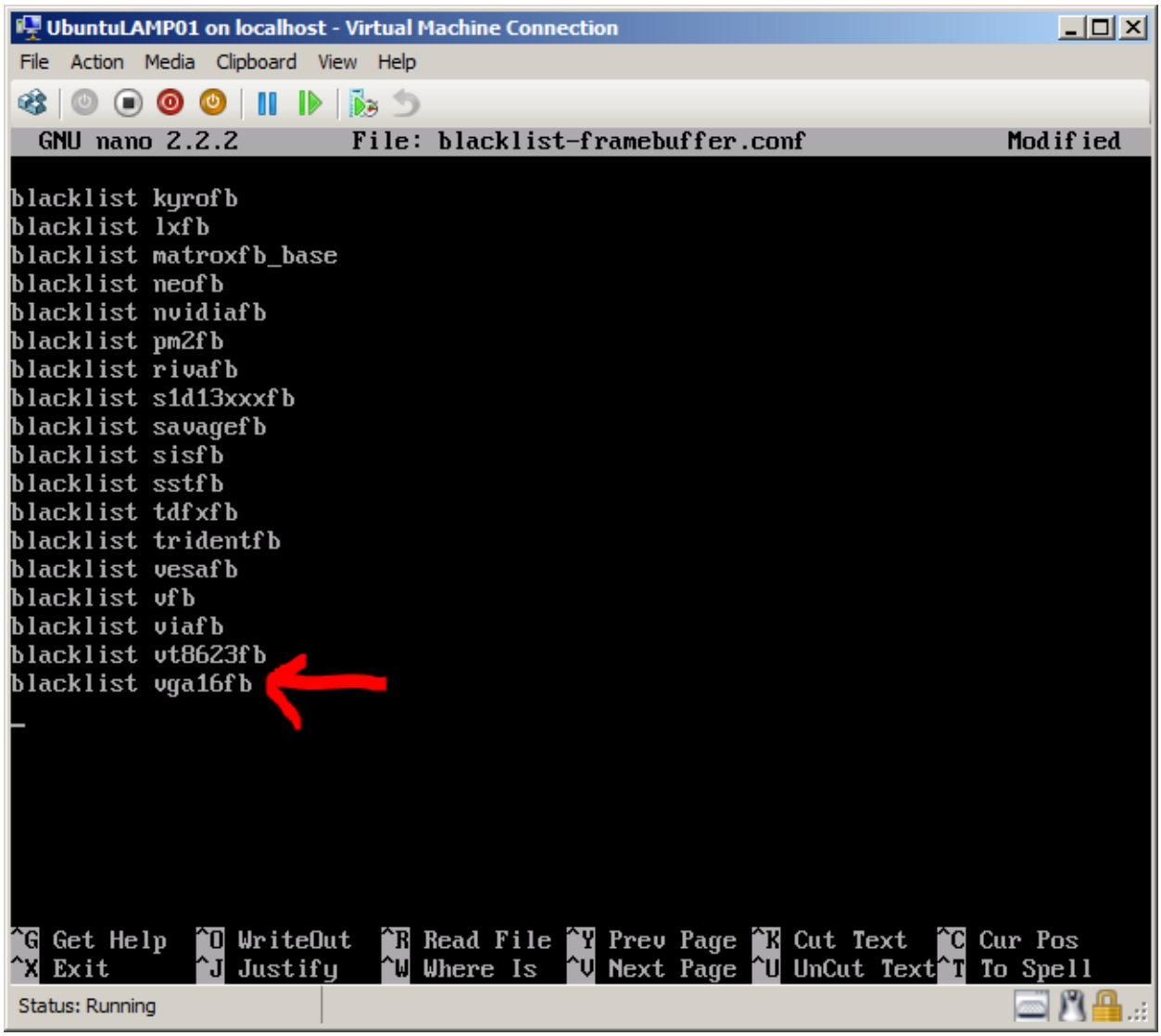
2. Change to the directory /etc/modprobe.d. Then using your favorite text editor open up the blacklist-framebuffer.conf file as an administrator with sudo. In the screen below the user is using the nano text editor.



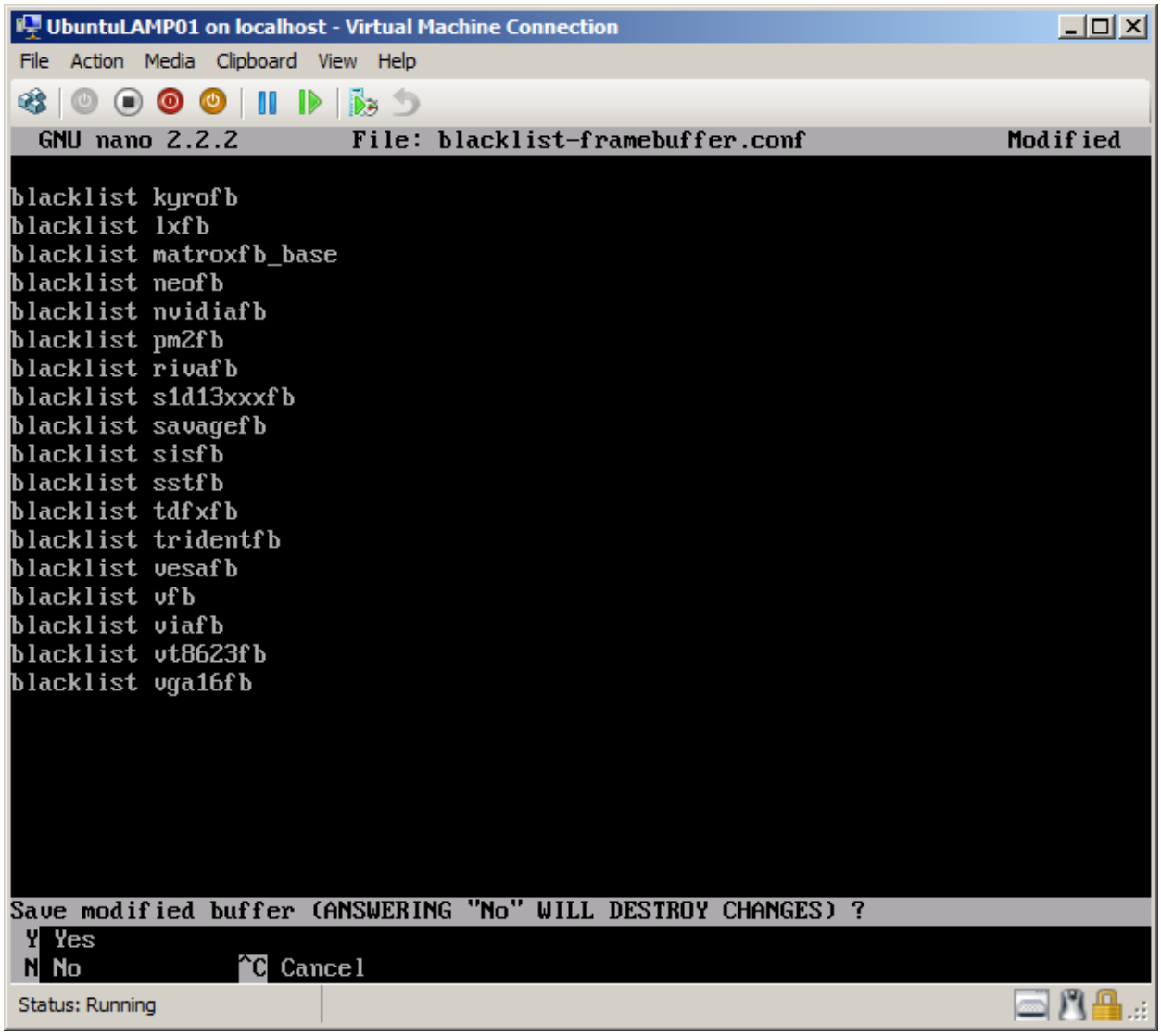
3. After you have entered your password you will see a screen like the one below. If you have spelled the filename wrong you will see a blank screen showing only the editing options from your text editor.



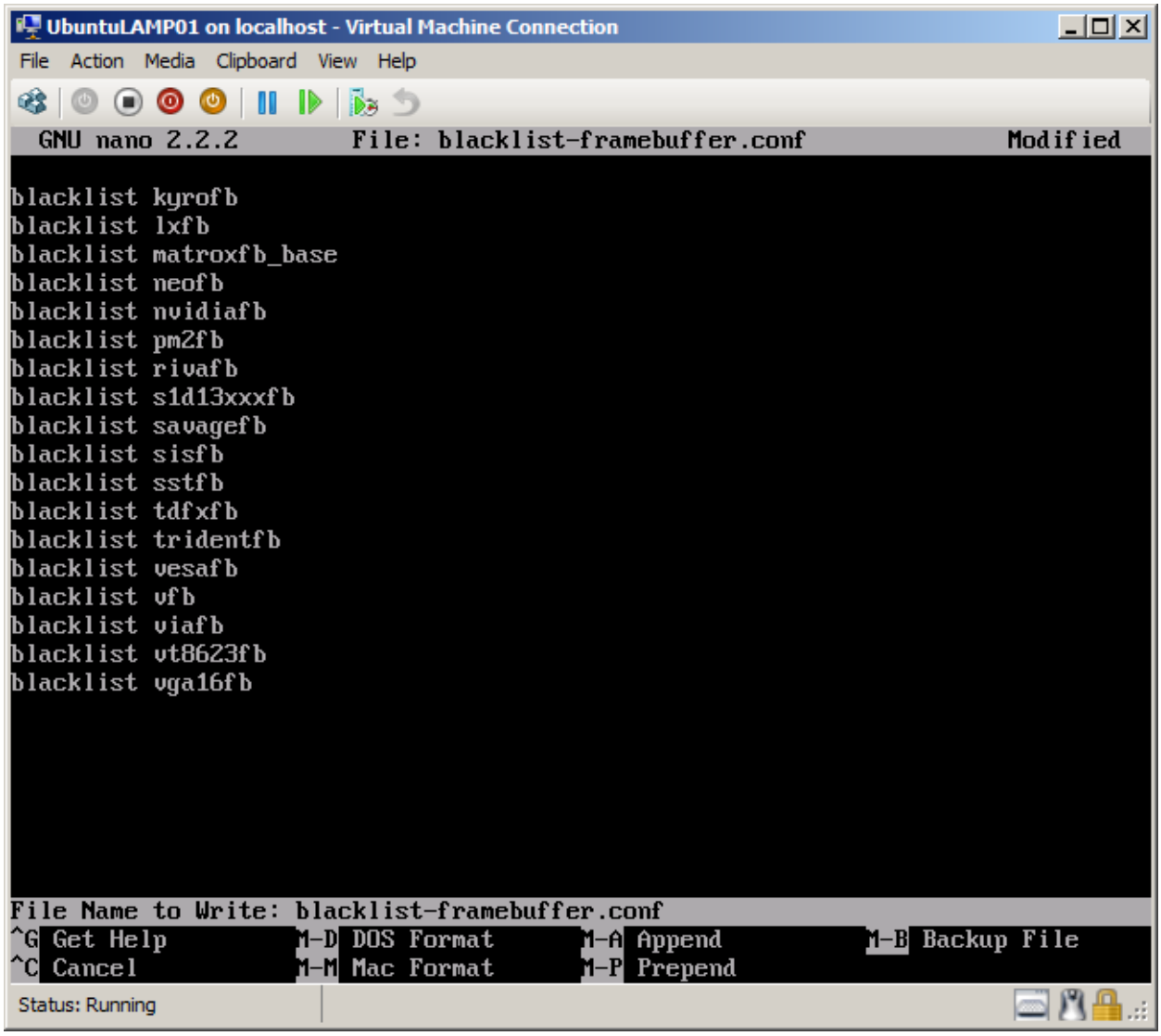
4. Scroll down to the bottom of the file and add the following line- "blacklist vga16fb".



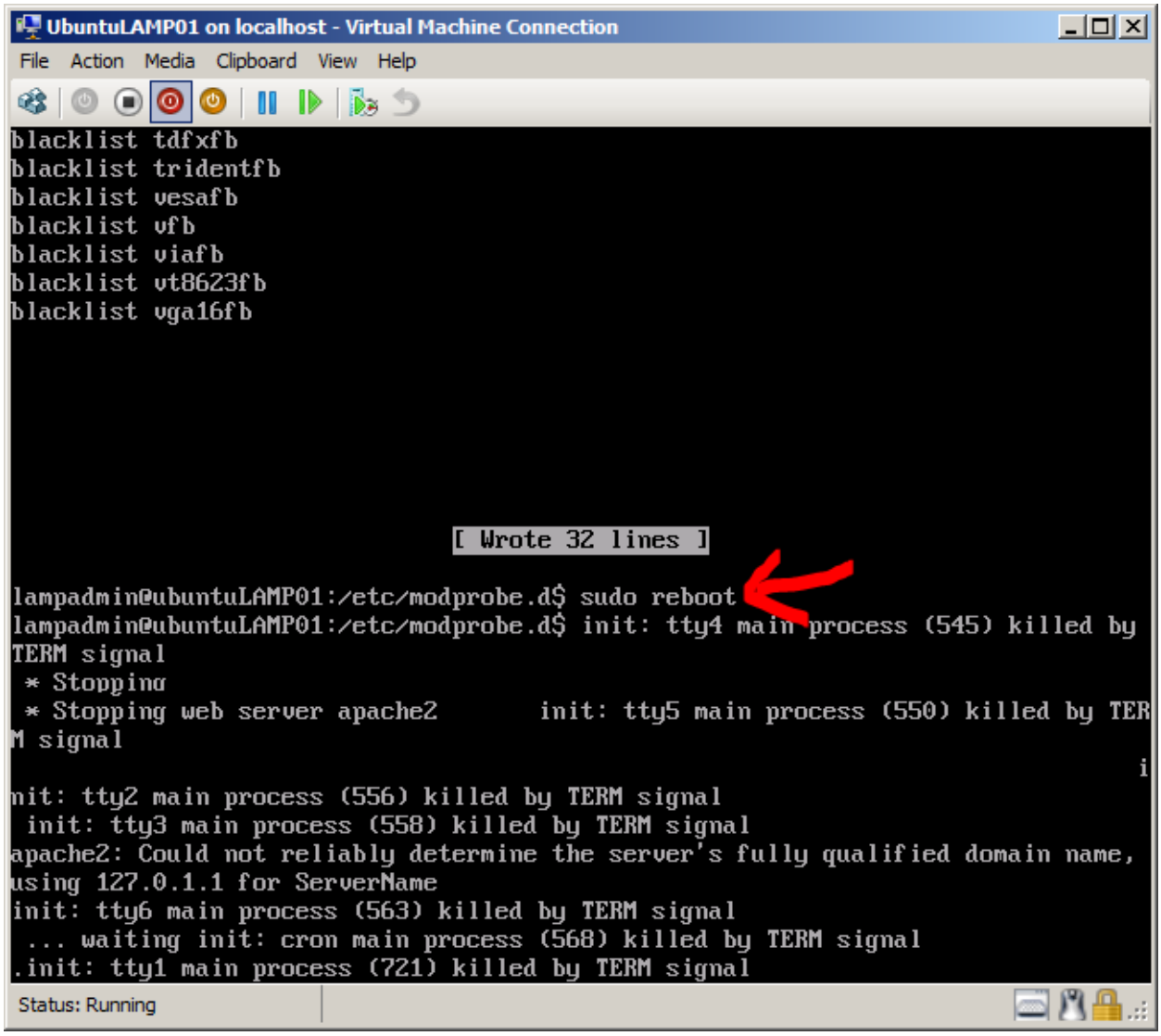
5. Key in "Ctrl X". When asked to save the modified buffer Key in "Y". If you have not used "sudo" you will not be given permission to write and change the file.



6. This will bring up a screen asking you what the File Name to Write. Simply hit return because you want to change what is in the original blacklist-framebuffer.conf file.



7. When you are through simply reboot your virtual machine using "sudo reboot". If you have taken longer than 5 minutes you may be asked to re-enter your password.




8. Finally log back in. You will notice that your screen scrolls normally now. Don't forget that if you want to shut down your Ubuntu server use the "sudo shutdown -h now" command.