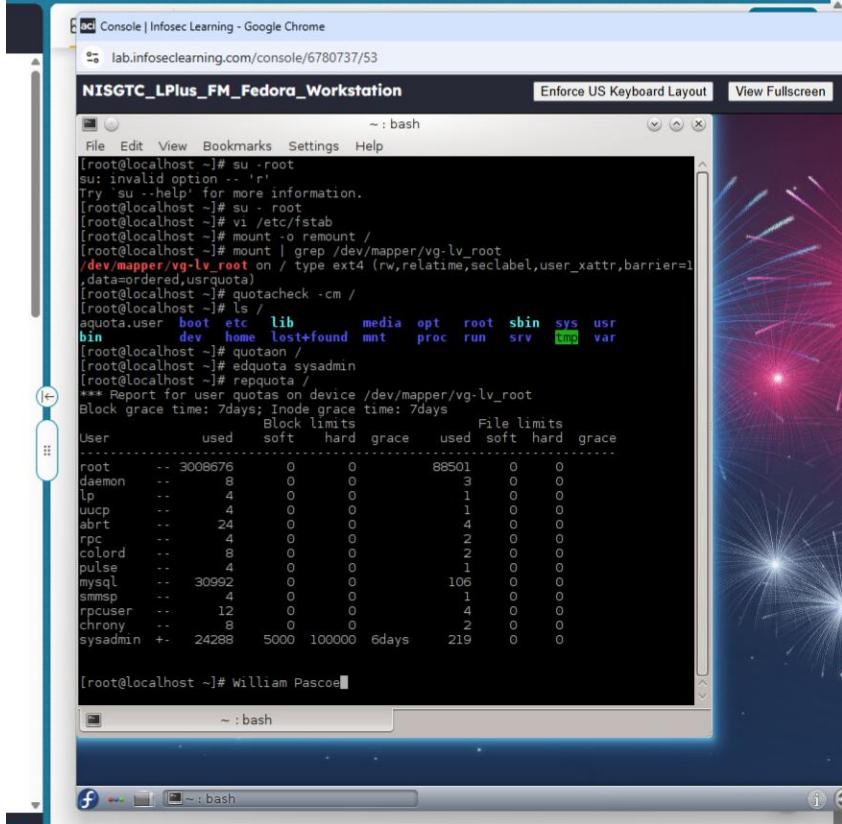


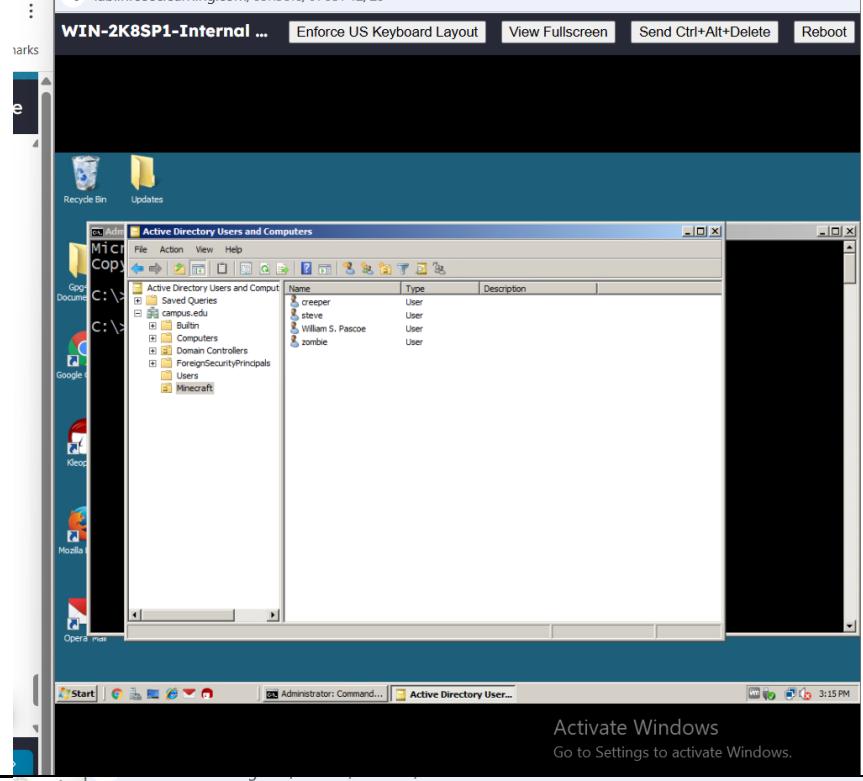
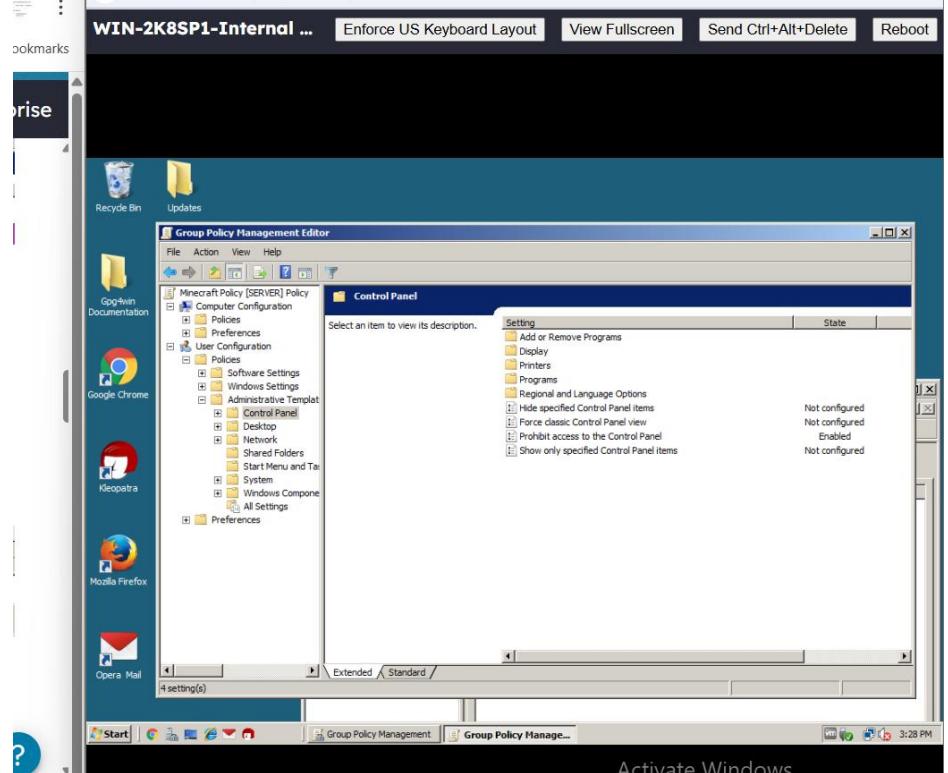
CYB 230 Module Five Lab Worksheet

Complete this worksheet by replacing the bracketed phrases in the Response column with the relevant information.

Lab: Managing Filesystem Quotas

Prompt	Response
<p>In the lab section “Reporting Quota Usage,” provide a screenshot of the output of the repquota command. Insert your name at the command line below the output and include it in your screenshot.</p>	 <pre> [root@localhost ~]# su -root su: invalid option -- '-r' Try 'su --help' for more information. [root@localhost ~]# su - root [root@localhost ~]# vi /etc/fstab [root@localhost ~]# mount -o remount / [root@localhost ~]# mount grep /dev/mapper/vg-lv_root /dev/mapper/vg-lv_root on / type ext4 (rw,relatime,seclabel,user_xattr,barrier=1, ,data=ordered,usrquota) [root@localhost ~]# quotacheck -cm / [root@localhost ~]# ls / aquota.user boot etc lib media opt root sbin sys usr bin dev home lost+found mnt proc run srv tmp var [root@localhost ~]# quotaon / [root@localhost ~]# edquota sysadmin [root@localhost ~]# repquota / *** Report for user quotas on device /dev/mapper/vg-lv_root Block grace time: 7days; Inode grace time: 7days Block limits File limits User used soft hard grace used soft hard grace ----- root 3008676 0 0 0 88501 0 0 daemon 8 0 0 0 3 0 0 lp 4 0 0 0 1 0 0 uuqp 4 0 0 0 1 0 0 abrt 24 0 0 0 4 0 0 rpc 4 0 0 0 2 0 0 colord 8 0 0 0 2 0 0 pulse 4 0 0 0 1 0 0 mysal 30992 0 0 0 106 0 0 smmsp 4 0 0 0 1 0 0 rpcuser 12 0 0 0 4 0 0 chrony 8 0 0 0 2 0 0 sysadmin 24288 5000 100000 6days 219 0 0 [root@localhost ~]# William Pascoe </pre>
<p>Disk quotas are used by administrators to set up or deliver preemptive notifications. What are some of the automated events that could be set up to be triggered by disk quota management?</p>	<p>email notifications to users nearing their limit, blocking the ability to save new files once the quota is exceeded, and logging events for auditing</p>

Lab: Using Active Directory in the Enterprise

Prompt	Response
<p>In the lab section “Creating an Organization Unit and Users in Active Directory,” repeat the user creation steps using your name as a new user. Provide a screenshot of the Active Directory Users and Computer dialog box with your new user.</p>	 <p>The screenshot shows the Windows desktop environment with the Start menu open. A window titled "Active Directory Users and Computers" is displayed, listing users under the "campus.edu\Users" container. The users listed are creeper, steve, William S. Pascoe, and zombie. The desktop background is black, and there are several icons on the taskbar.</p>
<p>In the lab section “Setting an Organizational Level Policy in Active Directory,” provide a screenshot verifying that Prohibit access to the Control Panel is enabled.</p>	 <p>The screenshot shows the Windows desktop environment with the Start menu open. A window titled "Group Policy Management Editor" is displayed, showing a policy named "Minecraft Policy [SERVER] Policy". Under the "User Configuration\Policies\Windows Settings\Administrative Templates\Control Panel" node, a setting named "Prohibit access to the Control Panel" is selected. The status of this setting is "Enabled". The desktop background is black, and there are several icons on the taskbar.</p>

Prompt	Response
<p>The GUI makes it easy to create one user at a time in Active Directory. However, sometimes more than one user needs to be created in Active Directory. What command did you learn about in the lab that can be run at the command line and can add more than one user at a time to Active Directory? Give an example of how you would add yourself as a user to Active Directory from the command line.</p>	<p>Command: <code>[net user "name of user" "password" /add]</code> Example: <code>[net user William Pascoe P@ssw0rd /add]</code></p>
<p>Describe the benefits of using organizational units and Windows Active Directory to secure operating systems.</p>	<p>The benefits of using OU's and AD are that it allows you to both create users and computers and assign them to the correct OU. Putting them in the correct OU allows for any kind of policy to hit that computer. So for example, in the lab we restricted control panel. By doing it at the OU level we don't have to go to each computer to add that restriction.</p>