

SPS120 Project 2 Problems

Pick one of the following problems to use for Project 2:

1. You are using several virtual machines for various services on a small network. One morning when you arrive to the office, you notice that one of your services is down and when you go to check the virtual machine that is running it, you find that it has locked up and will not accept any input. You try restarting the virtual machine but it fails to reboot. Everyone on your network needs this service and will not be able to get any work done until it is restored.
2. A new computer has recently been added to your network for a new employee at your small company. The employee is complaining that they cannot access the internet or any network resources. When you check their computer you see that it has been assigned an IP address but its first octet is not 192, as is the case with all other devices on your network. Rather its IP address begins with 169.
3. You are the administrator of a Windows based system. Your users are primarily artists who are creating media files that are very large. One of these users comes to you to tell you that they can no longer save files and are getting errors when they try to save files locally to their system.
4. A new computer has been added to the network. It has been configured with a manual IP address. However when you try to ping any other computer on the network you are met with a "Destination unreachable" error message. This occurs no matter what computer you are trying to ping.
5. You are the administrator for a Linux based system. Several of your users have been working on documents over the past few weeks but suddenly they cannot modify the documents any more. They can see them in the directory and they can read their contents but they cannot make changes to them.