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Networking Script

Useful Information

* Date/time
* Servers IPv4/6 + Mask
* DNS
* Open Ports

Current Network setup

Both servers are connected to the internet via NAT (Network Address Translation) from VMWare which host the machines, to the host computer. To send and receive files, SmarTTY is used. Currently there is no way for the machines to send information to each other directly without installing other protocols.

Net tools needs to be installed, which it should be by default. However, if it is not, run

**Sudo apt install net-tools**

All machines will run off the IP addresses 192.168.xxx.xxx with a subnet of 255.255.255.0 to make remembering IPs slightly easier since those are pretty much the standard.

The IPV6 addresses start with fe80 in these machines as well.

Script usage

To run the script you must be in the same directory as the script is. This is **/home/SCRIPTS** on both machines.

Type **bash NETWORKINGINFO** to run the script. An output file will be created in the same directory as well as a direct output of the results of the command.

This script is for both servers and does not need modification. Since net-tools is already installed, no extra software needs to be installed, or updated because this uses built in tools such as grep, awk and sed, to extract the data from several command outputs

My GITHUB

<https://github.com/mattfavazza/LINUXADMIN>

Sample output

