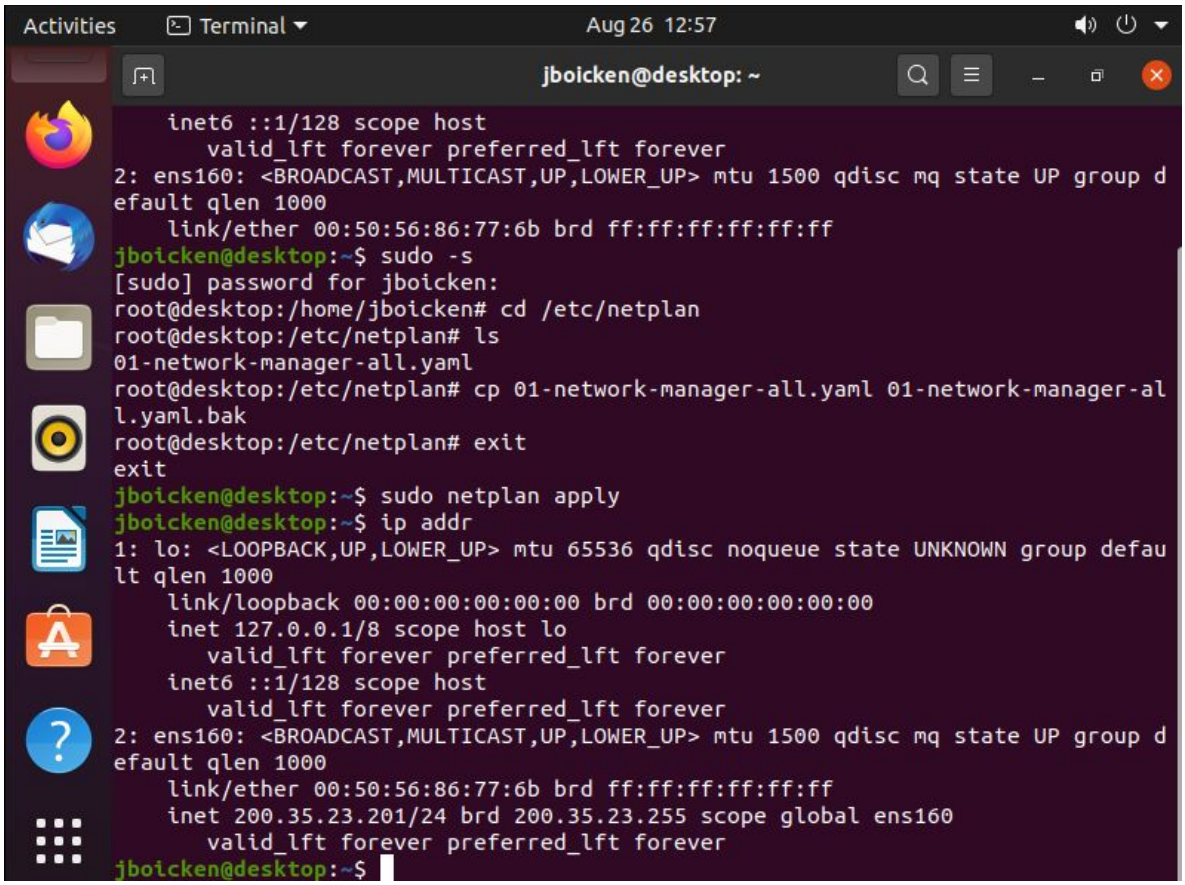
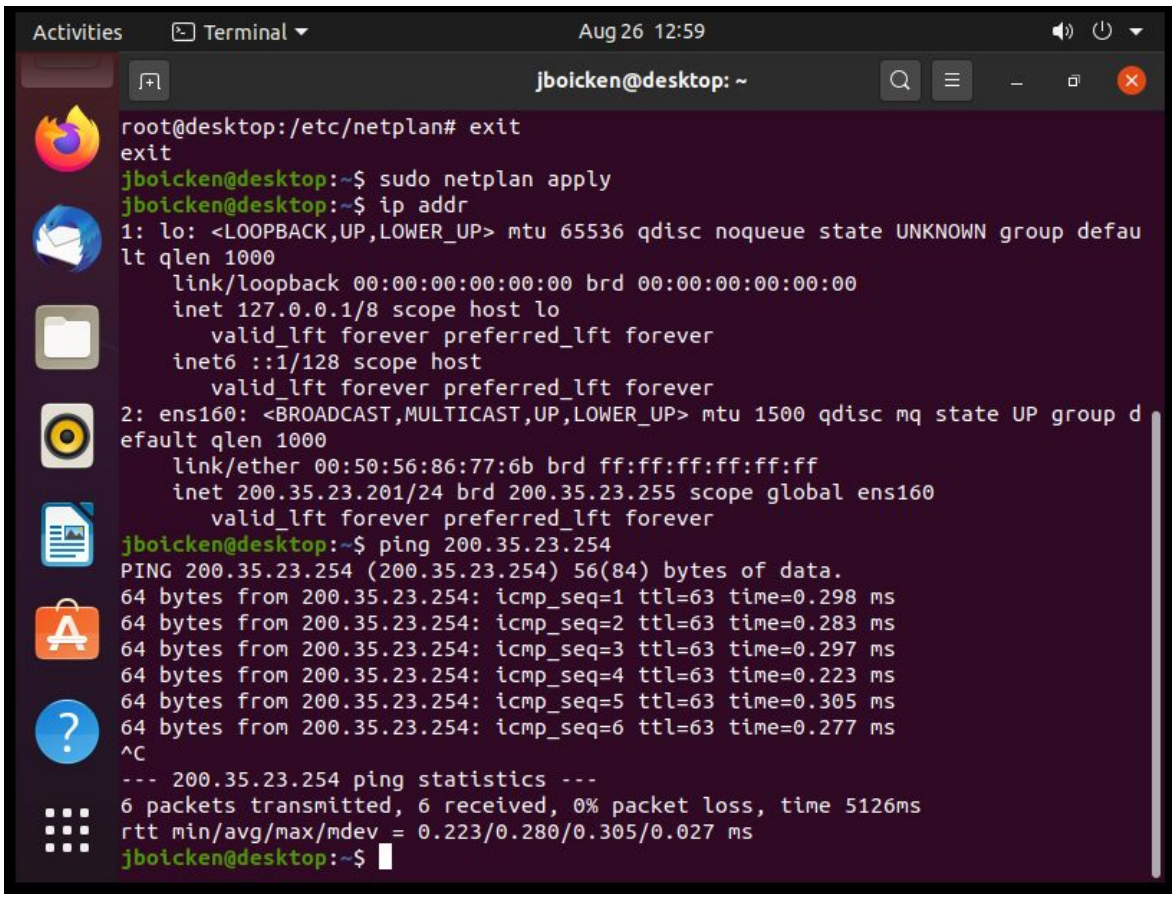
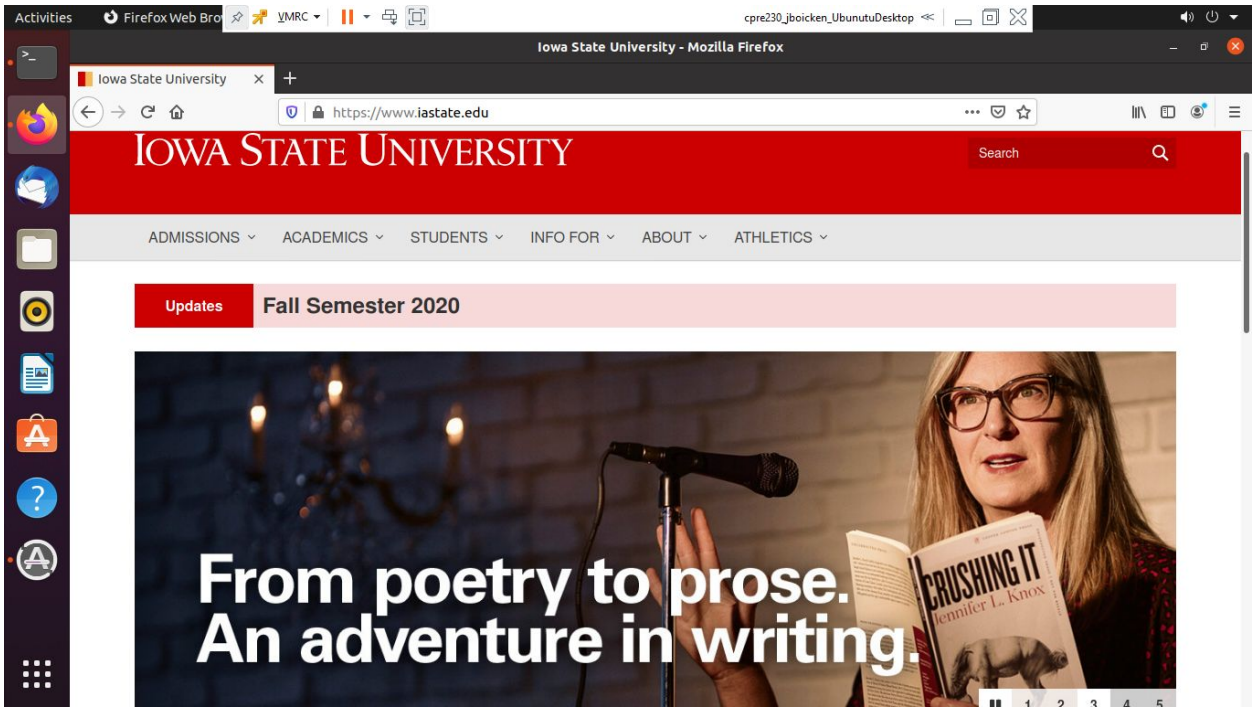
“$ ip addr” Image:



Ping Image:



https://www.iastate.edu Image w/ fixed screen resolution:



Questions:

File	Why is editing this file necessary when setting up my server?
/etc/netplan/01-netcfg.yaml	This file sets up network configurations through Ubuntu's netplan abstraction layer. It allows me to specify which backend to use, networkd or NetworkManager and set up a multitude of different devices like wifi or ethernet. For me, on my lab server, editing this file is needed in order to properly set up ethernet configuration of the machine by setting the IP address, labeling the default gateway, and assigning the dns as the first in the air gap.
/etc/environment	This file creates system wide environment variables for every user. We utilized this because it allows me to then set up variables of X_proxy for every user on a system. For me, on my lab server, editing this file is needed in order to proxy http/s & ftp through the first system in ISERink/ISEAGE's air gap.
/etc/profile	This file is simply just a script that by default run every script in /etc/profile.d. This script is used to set up system wide environment variables more "efficiently", i.e. less writing. For me, on my lab server, editing this file is used to set up the no_proxy env var for each ip given to me. This range being 200.35.23.1 to 200.35.23.254.