Downloading the files and running chef:

Make a chef folder to download files to (this will already be setup when deployed to the customer):

$sudo mkdir /etc/chef

Install git to download the files:

$Sudo yum install git

Download the files:

$sudo git clone https://github.com/coltonglasgow/chef-elkbox /etc/chef

Move the files to the chef folder:

$sudo mv chef-elkbox/\* /etc/chef

Command to run the elkbox.rb (my chef file):

$Sudo chef-client –local-mode /etc/chef/elkbox.rb

**\*\*BEFORE RUNNING\*\* when the prompt opens for a new static IP just press ctrl+c to exit out of that specific dialog. At this time, it will only mess up your internet connection (It is a work in progress).**

Issues:

Configuring a static IP with user input. End user is asked to enter their static IP address, netmask, DNS1, DNS2, and hostname which is then entered into /etc/sysconfig/network-scripts/ifcfg-enp0s3. IP address then goes down (ifconfig enp0s3 down) then comes back up (ifconfig enp0s3 up). When the address comes back up it pings somewhere (google.com) to assure it works. If not forces the user to retry. The ping and ifconfig restart are not implemented in the chef or ruby yet, but would be a simple and effective way of checking the new system info.

The ruby script I have written seems too complicated and lengthy for what it does. It also does not work quite as planned. I would like to find an easier way to obtain user input and incorporate it into the system settings, possibly using chef.