

This is how I did Lab4:

Everything is hosted via a flask website using the command:

```
flask -app website run
```

I will be breaking down each tab as seen in the video:

Grafana:

I simply have a link in the home.html folder in templates that links to my Grafana instance

ALL configs:

The config html files are located in the templates folder with associated html code. Each template does something slightly different, but accounts for all types of devices in the network.

Here is the process and how getting a config to the device works:

1. Input fields into the config tab for the respective device, whether it is new or old.
2. Submit the form
3. Now python code creates a yaml template for the given input
4. That yaml template is run against an ansible playbook with an associated jinja2 template
5. When the template is ran, it creates a config in the CFG/ folder
6. Another function then identifies the config and sends it to the respective device

Get Golden Configs:

There is a .csv file with information on all the routers. It parses through this information and then asks for the show run of all devices. A timestamp will be written to the file name and displayed for the user.