Getting Started with Ansible for Network Automation

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- Know where to find information about Ansible Network Modules
- Use regex to parse data from a command with data gathered

Network Diagram
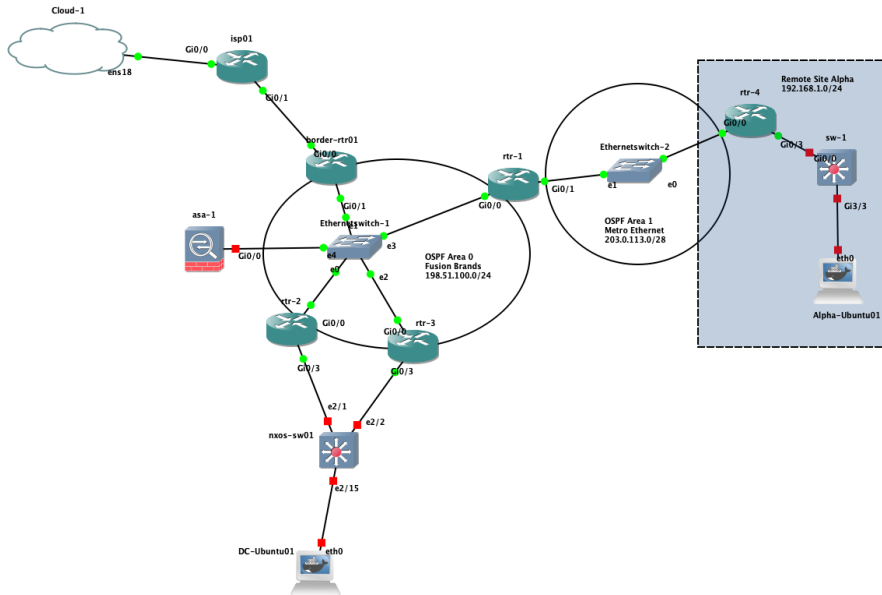
Playbook Management Key Values

All Ansible playbooks are defined within YAML format, which leverages key/value pair assignments. We will take a look at some common keys used, and what their corresponding value looks like.

```
- name: "PLAY 1: Gather data from router"
  connection: network_cli
  hosts: r1
  become: true
  become_method: enable
```

Ansible Network Modules

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The whole list of Network modules and their corresponding requirements can be found with your favorite search engine on term of "Ansible Network Modules" - which will take you to this link: https: //docs.ansible.com/ansible/latest/modules/list_of_network_modules.html This will be included on the notes for this.

Ansible Network Modules Page

Let's take a look at those modules

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- One of the original network modules introduced with Ansible for networking devices
- Has evolved over time, original playbooks you will see a key **provider:** included, this is legacy

Let's take a look!
- cli_command
- ios_command

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- Gathered data from IOS and NXOS devices, using multiple methods
- Detailed where to get more information about network modules on the Ansible documentation pages
- Used regex to find the number of interfaces on a device

You can find me and more contacts on the Packet Pushers Slack Channel.

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