# Ansible for Network Automation Ansible Configuration and Verification

Josh VanDeraa

**y**vanderaaj





#### Session Overview

At the end of this session you will have seen how to:

#### Session Overview

At the end of this session you will have seen how to:

• Setup of a new role

#### Session Overview

At the end of this session you will have seen how to:

- Setup of a new role
- Use a role in a playbook

• Roles load items only during the load of the role

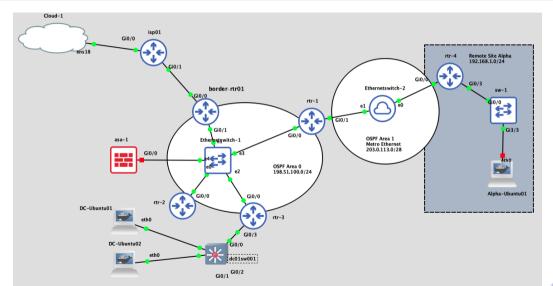
- Roles load items only during the load of the role
- More separation of tasks

- Roles load items only during the load of the role
- More separation of tasks
- Easier to share the roles, with help from Ansible Galaxy
  - Ansible Galaxy is the repository of roles and collections

- Roles load items only during the load of the role
- More separation of tasks
- Easier to share the roles, with help from Ansible Galaxy
  - Ansible Galaxy is the repository of roles and collections
  - Roles that get published to be shared recall the earlier session

- Roles load items only during the load of the role
- More separation of tasks
- Easier to share the roles, with help from Ansible Galaxy
  - Ansible Galaxy is the repository of roles and collections
  - Roles that get published to be shared recall the earlier session
  - Collections are new in 2.9 and include playbooks, roles, modules, and plugins in one

#### Network Diagram



#### DEMO!



## Let's take a look!

 Full configuration and verification of QoS

## Summary

To review what we accomplished today:

## Summary

To review what we accomplished today:

• Worked with Idempotent configuration of network devices.

#### Contact

https://packetpushers.slack.com

🗱 jvanderaa

