Ansible for Network Automation

Ansible and Idempotence

Josh VanDeraa

vanderaaj

jvanderaa

jvanderaa

Session Overview

At the end of this session you will:

At the end of this session you will:

- have seen the importance of full configuration - Idempotence

Idempotency - What is it

Idempotency - What is it

- Being able to apply the same operation and get the same result

Idempotency - What is it

- Being able to apply the same operation and get the same result
- Only changing things when it needs to be changed

Idempotency - What is it

- Being able to apply the same operation and get the same result
- Only changing things when it needs to be changed
- Examples
  - Domain Name

Idempotency - What is it

- Being able to apply the same operation and get the same result
- Only changing things when it needs to be changed
- Examples
  - Domain Name
  - Hostname

Idempotency - What is it

- Being able to apply the same operation and get the same result
- Only changing things when it needs to be changed
- Examples
  - Domain Name
  - Hostname
  - Banner

Let's take a look!

- Idempotence in action

Summary

To review what we accomplished today:

To review what we accomplished today:

- Worked with Idempotent configuration of network devices.

https://packetpushers.slack.com

❇ jvanderaa