

Network as Code Primer

How to build out / test / deploy network configuration through a CI Pipeline / Test

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\$ whoami

- Patrick Mathy
 - Arista Systems Engineering at Arista Networks
 - Networking around since 2016
 - ACE: L5, CCIE 57751
 - Having fun with network and automation in campus, DC and everywhere else
 - Some Python, Ansible, Terraform, NetDevOps, etc

Agenda

- Ansible AVD collection overview
- Common challenges when building Ansible environment
- Why devcontainers?
- Pre-building a devcontainer with [arista.avd](#), docker-in-docker and Containerlab using Github [devcontainers/ci@v0.3](#) action.
- How to run the container on any machine (with docker run or as devcontainer) or Github Codespaces

Q&A

- forum.ansible.com
- [in/patrick-mathy](#)