POLIte - POLIcy Tool for Engineers
NANOG 70 HACKATHON WINNER
Team Members

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Overview

• The main objective of our hack was to automate and simplify IRR verification.

• It would generate and deploy the configurations onto routers. In this case we chose Arista and Juniper.

• The entire team was split up into groups and the following tasks were completed individually by each of the sub-groups:
  
  (a) IRR Data Collection.
  
  (b) Create configuration based on the data given.
  
  (c) Device Interaction – Deploy the configuration onto the network devices.
Block Diagram

Data Collection → Create Configurations → Device Interaction

- JSON
- Junos/Arista config files
- Deploying configuration on Arista and Juniper devices
- Juniper and Arista Routers
Web interface
Future

• Refactor
• Additional vendor support
• Faster data collection
• Your idea?

Github: https://github.com/CsilLAB/polite