

POLite - POLIcy Tool for Engineers

NANOG 70 HACKATHON WINNER

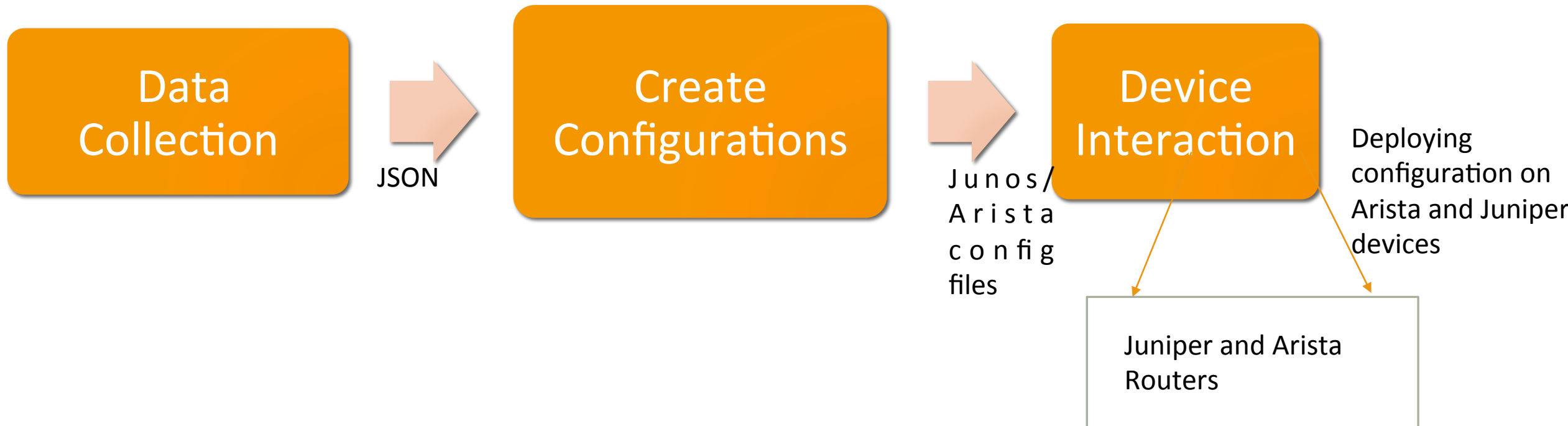
Team Members

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- Kapil Agrawal
- Vadim Petrov
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- Pavya Chandran
- Sanya Madan
- Kunal Aniruddha
- Omkar Pawar
- William Black
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- Mate Farkas

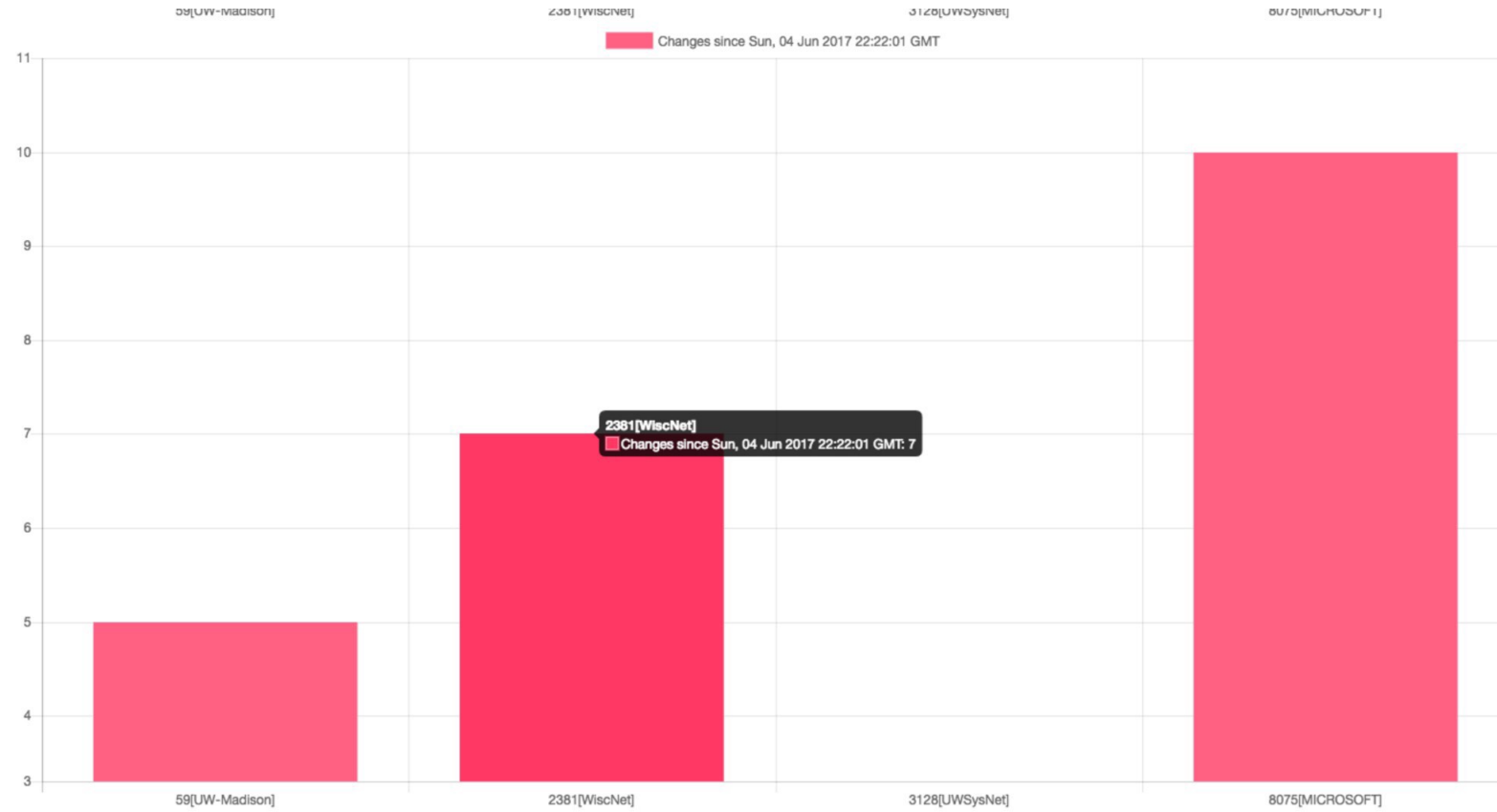
Overview

- 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



Web interface



Future

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

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