

Hackathon

Montville & Munyan

IETF 102

What we did...

- Goal

We were trying to determine if we can model the *collection* of configuration information. In our (admittedly very limited) experience, the YANG model expressions have been great at detailing the configuration and characteristics of endpoints, but we wanted a way to describe *what to collect* from that endpoint.

- A simple YANG model that can be used to express the desired information to be collected from a target endpoint.
- Some code to perform the collection of system characteristics based on the information in the "collection" model.
- More complex and specific YANG models to express system characteristics that could be collected from a target system (Started with Windows).

More to follow...

- Is this worth continuing? Is it useful to define this *collection strategy* and to do some implementation?
- Continue to develop more models for more operating systems/endpoint types.
- Engage more people on the list to develop more models and more code.
- Research more into if/how NETCONF/RESTCONF accomplishes the task of collection for specific endpoint attributes.
 - <https://github.com/CISecurity/YANG>