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](https://github.com/CISecurity/YANG)