BGP Yang Model
draft-mks-idr-bgp-yang-model

Susan Hares
Keyur Patel
Mahesh Jethanandani
Problem

• BGP Yang Model needs to move to revised datastores capable model
• Original model from OpenConfig will not change to revised datastores model structure
  – OpenConfig took different state/config modeling approach than the revised datastores
• Lots of implementations of OpenConfig model exist
• IDR WG desires 2 interoperable implementations prior to specification
OpenConfig vs. IETF revised datastores

- draft-ietf-netmod-revised-datastores-06
  - --config
    - rw mtu (intended datastore)
    - r mtu (in operational state datastore)

- OpenConfig
  - --config
    - rw mtu
  - --config-state
    - r mtu
Proposed Solution

• Move current bgp-model to informational model + publish
  – Allows OpenConfig revisions to be uploaded to IETF

• Move to revised datastore capable model
  – create new draft-ietf-idr-bgp-model – that is compatible with revised datastores with same information as current draft-ietf-idr-bgp-model
  – draft-mks-bgp-model-00.txt provides this model

• Publish both models simultaneously
  – draft-ietf-idr-bgp-model-oc (informational model)
  – draft-ietf-idr-bgp-model (revised datastore model)

• Provide extensions for additional features
  – Like draft-keyupate-bgp-extensions.

• Allow upgrades of both yang documents
WG Chair will do

• WG adoption call for draft-mks-bgp-model
• Request to move draft-ietf-bgp-model to:
  – draft-ietf-bgp-model-oc
  – From standard to informational
Feedback and questions