

BGP Yang Model

draft-mks-idr-bgp-yang-model

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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)

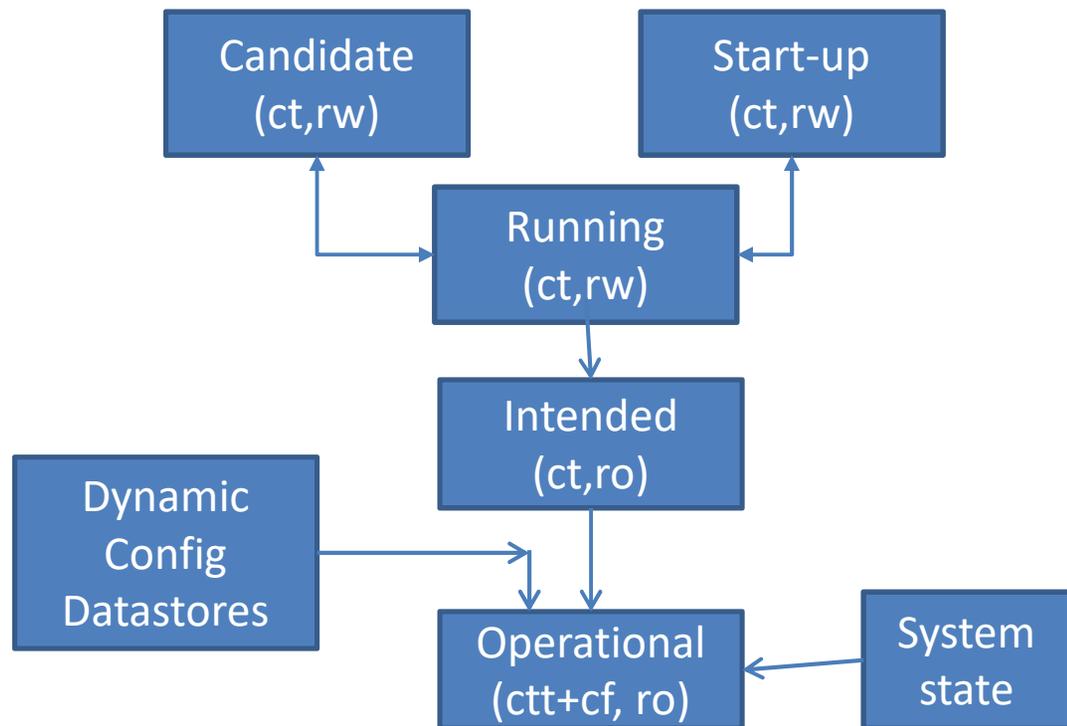
- OpenConfig

+ --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

