Status (-05)

• Support added for
  – Routing Management Module (RFC 8349)
  – Routing Policy Module (draft-ietf-rtgwg-policy-model)
  – RIB
  – Feature statement for ‘ttl-security’ (RFC 5082)
  – Feature statement for ’bfd’
  – BFD configuration for liveliness check
  – Collapsed to 3 modules
    • ietf-bgp
    • ietf-bgp-types
    • ietf-bgp-policy
Issue #1

• Do we need action statement for ‘clear bgp <blah>’
• There are no statistics in the module
• Clear routes
  – Global
  – Per address-family
  – Per neighbor
Issue #2

- Notifications
  - Route updates
  - Neighbor-state change
Issue #6

- Route metadata for LOC-RIB
• BGP Standard Community Type

```go
type union {
    type uint32 {
        // per RFC 1997, 0x00000000 - 0x0000FFFF and 0xFFFF0000 - 
        // 0xFFFFFFFF are reserved
        range "65536..4294901759"; // 0x00010000..0xFFFFEFFFF
    }
    type string {
        pattern '([0-9]+:[0-9]+)';
    }
}
```

• BGP Extended Community Types
  – Check draft
Issue #8-17

- Placeholder for specific configuration
- Expectation that each of the YANG modules will augment the BGP base model.
  - IPv4 Unicast
  - IPv6 Unicast
  - IPv4 Labeled Unicast
  - IPv6 Labeled Unicast
  - IPv4 Unicast L3VPN
  - IPv6 Unicast L3VPN
  - IPv4 Multicast L3VPN
  - IPv6 Multicast L3VPN
  - Signaled VPLS
  - EVPN
Feedback and questions