Graceful BGP session shutdown
draft-ietf-grow-bgp-gshut-04

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BGP graceful shutdown

• For the newcomers:
  – Shutting down an eBGP link with no packet loss
    • Cases where data-plane is impacted, hence
    • You need to reroute before shutting it down
  – Informative: procedures to be applied by an operator
  – A reserved community to not have as many values as neighboring ASes
  – Vendors can help: we explain how

• Shipped
Update since -03

• Editorial fixes in anticipation of last call
• Router g-shut:
  – You SHOULD g-shut all the eBGP sessions

• “Why hasn’t this thing been last called for ages?”
Next steps

- g-shut depends on draft-ietf-idr-reserved-extended-communities
- draft-ietf-idr-reserved-extended-communities depends on draft-ietf-idr-as4octet-extcomm-generic-subtype.

Awaits for two implementations