

# RT Constrain Extension for IPv6

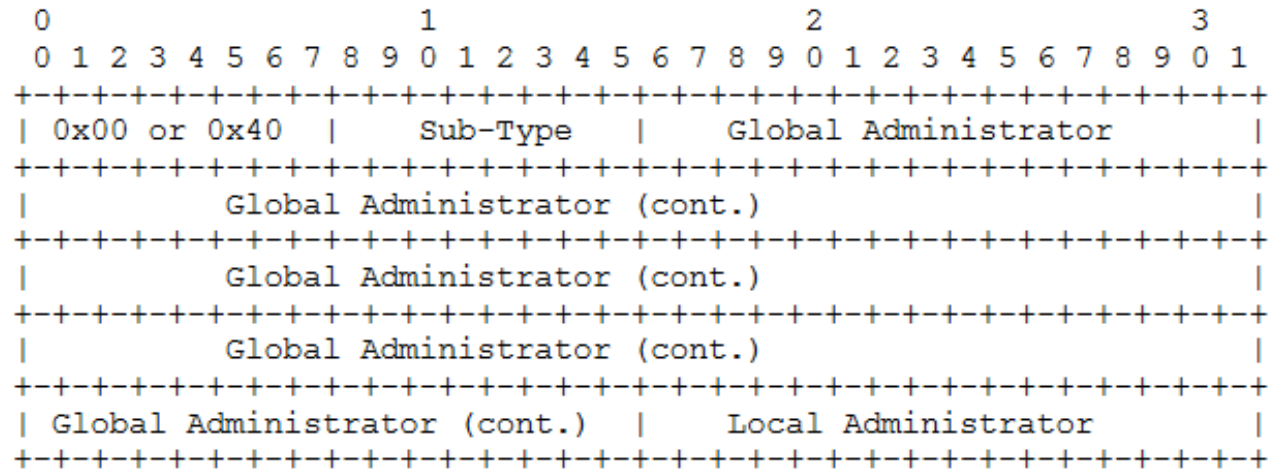
draft-keyur-bgp-af-specific-rt-constrain-01

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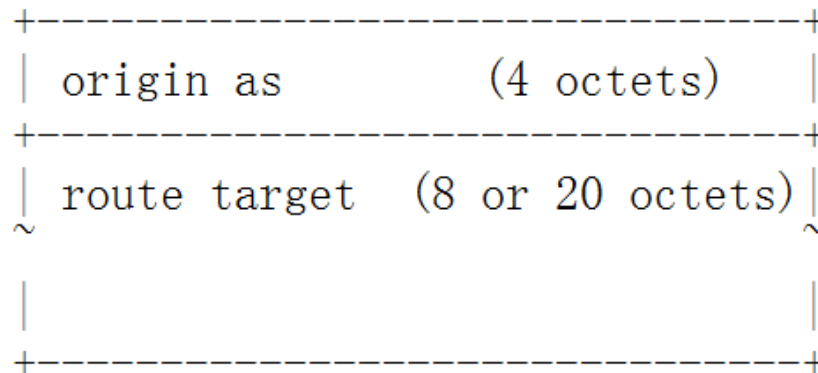
# Problem Statement

- Current RT Constrain mechanism supports prefixes with maximum length of 12 bytes
  - Need to be extended to 24 bytes to support IPv6 RT (20 octets) defined in RFC5701



# Solution

- BGP IPv6 Constrained Route Target capability
  - Support exchange of IPv6 RT prefixes



- Aggregation Rules of IPv6 RT prefix
  - Only the Local Administrator field of the Route Target can be aggregated
  - Route Target Type and Global Administrator fields MUST not be aggregated

# Next Steps

- Collect comments & feedbacks
- WG adoption?