

# Internet Exchange Route Server

draft-jasinska-ix-bgp-route-server-00

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# Internet Exchange Interconnection

- IXP – Shared Ethernet platform
- Dense interconnection between participants (by the means of BGP)
- $n*(n-1)/2$  BGP sessions, where  $n$  is the number of routers at the exchange

# Internet Exchange Route Server

- Multilateral interconnection with intermediate broker system – route server
- $n$  BGP sessions, where  $n$  is the number of routers at the exchange
- Immediate dense interconnection

# Motivation

- Three open source route server implementations
- No reference or documentation

# Proposed Document

- Summarizes implemented concepts
  - Attribute transparency
  - Filtering concepts
  - Prefix hiding problem and mitigation techniques
- Operational considerations

# Next Steps

- Feedback and comments are welcome!
- WG adoption?