

EIGRP

Enhanced Interior Gateway Routing Protocol

CyberQuince

EIGRP Facts

- **Proprietary**, owned and developed by Cisco
- **Distance vector** with some Link state features
- **For best path choice**, following is considered: 1) lowest bandwidth link on the path + 2) cumulative latency on all interfaces on the path
- **All paths** calculated by EIGRP are saved to the topology table, and the best ones are stored in the routing table

EIGRP Facts

Conditions for neighborship between two EIGRP routers:

- ACK or Hello is received
- Same Autonomous System
- Same subnet
- Same metrics for the link that connects them
- Successful authentication (if used)

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