# BIRD Internet Routing Daemon

## Short update

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# Current version – 1.6.3

- Main recent features
  - BGP – multipath
  - BGP – Large BGP communities
  - BGP – MD5 authentication in FreeBSD
  - New authentication in BFD, RIP and OSPF
  - Babel
  - IPv6 ECMP
- Well tested release
- Expect 1.6.4 – minor updates and fixes

# New version 2.0.0

- Pre1 be released 6 months ago (2nd version)
- Intensive testing & bug fixing
- Major redesign – IPv4 and IPv6 integration
- Final release expected by the end of this year
- Configuration may change!

- Please help us with testing!

# New version 2.0.0

- BGP multicast support (SAFI 2)
- BGP flowspec support (RFC 5575)
- New RPKI-Router protocol
- BGP with MPLS labels (RFC 3107)
- BGP MPLS/VPN support (RFC 4364)
- VPNv4 and VPNv6 network types
- BGP 6PE - IPv6 NLRI over IPv4 MPLS (RFC 4798)
- BGP IPv4 NLRI with an IPv6 Next Hop (RFC 5549)
- BGP Confederations (RFC 5065)

# After 2.0.0

- BGP – major supporters IXPs and heavy BGP users
- BGP converegency time and responsiveness
- ISIS
- ...

- 1.6.x will be supported for longer time
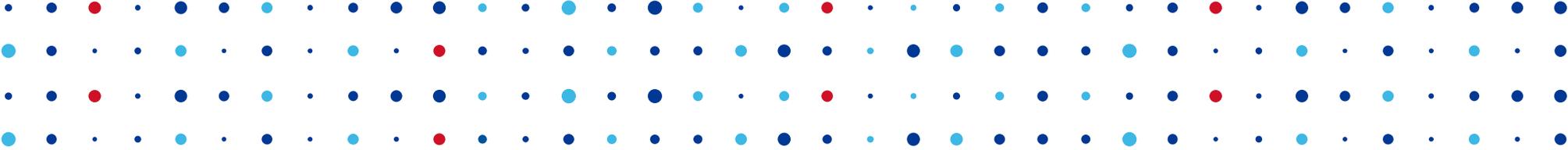
# Thank You!



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**http://bird.network.cz/?support**