






















osrg / gobgp Public

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 fujita GoBGP 4.5.0 ... ✓	5f19106 · 3 days ago 
 .github	ci: replace bufbuild/buf-setup... 3 weeks ago
 api	feat(bfd): align BFD API 5 days ago
 cmd	fix: rpki server listing panics 2 weeks ago
 docs/sources	Adding support for setting IP... 4 months ago
 internal/pkg	GoBGP 4.5.0 3 days ago
 pkg	fix bgp-ls mt-id rib collision 3 days ago
 proto	feat(bfd): align BFD API 5 days ago
 test	test: use assert_several_time... 2 weeks ago
 tools	feat(bfd): align BFD schema ... 5 days ago
 .env	added .env file for vscode to ... 6 years ago
 .gitignore	follow Standard Go Project L... 8 years ago
 .golangci.yml	fix: stop io loop when context... 9 months ago
 .goreleaser.yml	goreleaser: improve portability 5 years ago
 .markdownlint.json	markdownlint: Disable table-c... 6 months ago
 .pep8	inspect: Add settings for pep... 9 years ago
 .pylintrc	inspect: Add settings for pep... 9 years ago
 CODEOWNERS	CODEOWNERS: update zeb... 3 years ago
 CONTRIBUTING.md	docs: recommend GOAMD6... 4 days ago
 LICENSE	Initial commit 12 years ago

📄 README.md	README.md: add GoBGP.ni...	4 months ago
📄 go.mod	netip: use github.com/gaissm...	2 months ago
📄 go.sum	netip: use github.com/gaissm...	2 months ago

📖 **README** 👤 Contributing ⚖️ Apache-2.0 license ⚖️ Security



GoBGP: BGP implementation in Go

go report **A** 🔄 ci **passing** 🚦 **GO** reference release **v4.5.0** license **Apache-2.0**

GoBGP is an open source Border Gateway Protocol (BGP) implementation designed from scratch for modern environment and implemented in a modern programming language, [the Go Programming Language](#).

Install

Try [a binary release](#).

Documentation

Using GoBGP

- [Getting Started](#)
- CLI
 - [Typical operation examples](#)
 - [Complete syntax](#)
- [Route Server](#)
- [Route Reflector](#)
- [Policy](#)
- Zebra Integration
 - [FIB manipulation](#)
 - [Equal Cost Multipath Routing](#)
- [MRT](#)
- [BMP](#)
- [EVPN](#)

- [Flowspec](#)
- [RPKI](#)
- [Metrics](#)
- [Managing GoBGP with your favorite language with gRPC](#)
- Go Native BGP Library
 - [Basics](#)
 - [BGP-LS](#)
 - [SR Policy](#)
- [Graceful Restart](#)
- [Additional Paths](#)
- [Peer Group](#)
- [Dynamic Neighbor](#)
- [eBGP Multihop](#)
- [TTL Security](#)
- [Confederation](#)
- Data Center Networking
 - [Unnumbered BGP](#)
- [Sentry](#)

Externals

- [Tutorial: Using GoBGP as an IXP connecting router](#)
- [GoBGP.nix: A NixOS module for GoBGP. Containing a working FRR implementation and a rich set of Options](#)

Community, discussion and support

We have the [Slack](#) for questions, discussion, suggestions, etc.

You have code or documentation for GoBGP? Awesome! Send a pull request. No CLA, board members, governance, or other mess. See [CONTRIBUTING.md](#) for info on code contributing.

Licensing

GoBGP is licensed under the Apache License, Version 2.0. See [LICENSE](#) for the full license text.

Releases 94

 **v4.5.0** Latest
3 days ago

[+ 93 releases](#)

Packages

No packages published

Contributors 185



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Languages

