NTT

Customer support

BGP Communities and Routing Policies

Our Global IP Network offers the most comprehensive set of BGP communities in the industry.

Unlike many tier 1 global IP providers, we strive to be transparent with our routing policies and to provide as much flexibility as possible. The matrix below offers a snapshot of our policies compared to those of other tier 1 global IP providers. These findings are based on publicly available information as of April 2021. Our focus is on protecting our network and our customers. We believe it is our duty to act as good citizens by educating industry peers and encouraging the adoption of best practices to further our shared mission of a safer and more reliable Internet.

	NTT	Lumen	Telia	Cogent	GTT
Published on public corporate website	✓	X	✓	✓	✓
Do not advertise	✓	Limited	✓	Limited	Limited
To all peering partners	✓	✓	✓	✓	✓
To specific peering partners	✓	✓	✓	Limited	✓
To specific peering partners in specific continent	✓	Limited to EU	✓	Limited	X
Except to a specific peering partner	✓	X	✓	X	✓
AS path prepending	✓	Limited	Limited	Limited	Limited
To all customers	✓	X	X	X	X
To all customers - continent specific	✓	X	X	X	X
To all peers	✓	✓	✓	✓	✓
To specific peering partners	✓	✓	✓	Limited	✓
To specific peering partners in specific continent	✓	Limited to EU	✓	X	✓
Local preference manipulation	✓	✓	✓	✓	✓
Local pref in specific continent	✓	X	X	✓	X
Local pref outside origin continent	✓	X	X	✓	X
Local pref in specific country	✓	X	X	X	X
Local pref outside origin country	✓	X	X	X	X
Graceful Shutdown (RFC 8326)	✓	X	✓	X	✓
Global blackhole routing	✓	✓	✓	✓	✓
Selective Blackhole: Only Outside Origin Country	✓	X	X	X	X
Selective Blackhole: Only Outside Origin Continent	✓	X	X	X	X
Provider informational tags	✓	✓	✓	✓	✓

Data as of April 2021. If you have any comments about these findings please email GIN at gin@ntt.net.

Additional information and resources

- Global IP Network website: https://services.global.ntt/en-us/services-and-products/networks/global-ip-network
- Routing Policies: http://www.gin.ntt.net/support/policy/routing.cfm
- Routing Registry: http://www.gin.ntt.net/support/policy/rr.cfm
- **Webinar:** Best Practices for Architecting Robust BGP Routing Policies by Shawn Morris

For a more comprehensive list of additional Carrier BGP Communities, visit OneStep Community Guides: https://onestep.net/communities