Peering with Meta

formerly FACEBOOK

These are some useful guidelines to consider when setting up private peering with Meta. Should you have any questions please let us know at peering@fb.com, or engage directly with your peering contact from Meta.

List of locations we peer at: http://as32934.peeringdb.com/

Configuration Guidelines

AS Number	32934
IRR as-set	AS-FACEBOOK
MTU	1500 bytes. Jumbo frames are not supported
VLANs/802.1Q	No VLAN tagging is configured nor permitted
Optical interfaces	10G-LR or 100G-LR4
Link aggregation (LAG)	Logical interfaces are to be configured as LAGs, even for single port connections
Redundancy	We will distribute ports across 2 or more Meta routers
IP addressing	We peer via both IPv4 and IPv6
	The IP addressing will be provided by whomever is ordering the cross-connect
	Private IP address blocks are not permitted
Prefix advertisement	We will accept prefix sizes of up to /29 for IPv4 and /64 for IPv6
	Only tag prefixes with accepted Meta BGP communities, such as 32934:xx or those we have agreed upon. Otherwise, prefixes might be dropped. If we receive prefix route with 50 or more BGP community tags, it will be rejected.
	Advertise more specific prefixes in our peering sessions than to your transit providers, or at least the same prefix size
Prefix limits	We will configure prefix limits based on the peeringDB record for your ASN
	You may set 100 as prefix limit, both for IPv4 and IPv6
BGP session auth	We discourage the use of MD5
Testing	During turnup stage, physicals links are configured with temporary IPv4 addresses and we will run pings to test for interface errors. Please remove ICMP filters to 169.254.0.0/16
Traffic delivery	Downstream traffic will be load-balanced by Meta to make use of all available capacity
	ISP should enable ECMP in their routers to allow upstream load balancing as well
	Meta uses methods other than BGP for content delivery. If you would like to discuss specific traffic engineering requirements, let us know
PeeringDB	We require you maintain an up-to-date record for your ASN at www.peeringdb.com. At a minimum this must contain: • NOC and Peering email contacts • Approximate amounts of IPv4 and IPv6 prefixes
Getting support	Once peering is established, you may reach out to noc@fb.com for support