

ITN Internet Exchange

BGP Community Filtering Guide

ITNIX Operation

ITN Confidential Documentation

This document is provided for information purposes only. The contents, including any views expressed by ITN are indicative only and subject to change. This document is subject to the information classification set out on each page. If no information classification has been included, this document must be treated as Confidential Document and must not be disclosed other than with the consent of ITN

BGP Community Filtering Guide

ITN Internet Exchange offers a set of BGP communities for peer using our Route - Servers. By tagging your prefixes with specific communities, you can influence how and to whom the Route - Servers advertise your prefixes to.

Once you are conneted, feel free to contact the ITN Internet Exchange Operation team if you want to learn more about using our BGP communities.

BGP Communities can be used to control various fuctions of the route server. With these communities, you can :

- **Control the redistribution of advertised prefixes, based on an ASN**
- **Prepand your own ASN**

Supporting Community

Regular Community	How it works
138881 : 102	Don't announce to Facebook
138881 : 103	Don't announce to Netflix
138881 : 104	Don't announce to Tencent
138881 : 105	Don't announce to Alibaba
138881 : 106	Don't announce to Cloudflare
138881 : 107	Don't announce to Amazon
138881 : 108	Don't announce to NCIX
138881 : 109	Don't announce to Akamai
138881 : 110	Don't announce to GGC
138881 : 111	Don't announce to FNA
138881 : 200	Don't announce to Global Content ITNIX
138881 : 210	Don't announce to Domestik Indonesia

Filtering Policy

Name	How it works
Next Hop IP	Drop prefix whose next hop IP address is not itself
AS path length	Drop prefix whose AS path length is longer than 32
bgp path first AS	Drop prefix whose bgp path first as is not itself
AS transit abd exchange	Drop prefix whose AS path include major transit AS and Exchange
bogon AS	Drop AS rfc7607, rfc6793, rfc5398, rfc6996, rfc7300
bogon prefixes	Drop prefix rfc1918, rfc3927, rfc5737, rfc3068, rfc2544, rfc5771, rfc6598
as-set filter	Drop prefix whose not the origin prefixes from the member and they dowstream
rpki	Drop prefix whose validity is invalid
prefixes length	Drop prefix /25 or longer (IPv4),/64 or longer (IPv6)



PT. INDONESIA TRANS NETWORK

Confidential Documentation