

Provide a BGP community filtering mechanism to peers

Route server peers will be able to manipulate outbound routing policies via an in-band mechanism using BGP communities, instead of relying on import/import-via, export/export-via RPSL attributes. The downside to this method is that peers won't be able to control inbound policies.

Currently we offer the following options:

- Do not announce a prefix to a certain peer: 0:peer-as
- Announce a prefix to a certain peer: 38081:peer-as
- Do not announce a prefix to any peer: 0:38081
- Announce a prefix to all peers: 38081:38081

We also offer customers the ability to filter outbound announcements by tagging them with the following predefined communities. Note that you have to use the appropriate route server AS number, based on the TRUE-IX location you're peering in, with 38081 representing True Data Center in Bangkok. Currently supported locations for this feature are True Internet Corporation Co., Ltd. (AS38081).

For destination peers employing a 32-bit ASN, you can use the route target extended BGP community as follows:

- do not announce a prefix to a certain peer: RT:0:peer-as
- announce a prefix to a certain peer: RT:38081:peer-as
- do not announce a prefix to any peer: RT:0:38081

AS-Path prepending can be done via the Route Servers by tagging prefixes using the following communities:

- using 38081:65501, to prepend the advertising peer customer AS once towards all other peers
- using 38081:65502, to prepend the advertising peer customer AS twice towards all other peers
- using 38081:65503, to prepend the advertising peer customer AS thrice towards all other peers