

AS203729 and AS42615 BGP Communities

Note: AS203729 and AS42615 both use communities based on AS42615. This is done due to technical limitations (most peers do not support large BGP communities).

Informational communities:

Announcement Type

42615:1X

1 = Anycast / Transit (primary, will have a minimum AS path of 5 ASNs* including at least 2 prepends)

2 = Anycast / Peering (primary, see Announcement Method for prepend details)

3 = Anycast / Transit (secondary, will have a minimum AS path of 6 ASNs* including at least 3 prepends)

9 = Unicast (will not be prepended)

Announcement Location *Note: AS42615 does not tag for location at this time.*

42615:2XX

01 = Los Angeles, US

02 = New York, US

03 = Miami, US

04 = London, UK

05 = Frankfurt, DE

06 = Dronten, NL

07 = Dallas, US

08 = Kansas City, US

Announcement Method

42615:3X

1 = Direct interconnect (for peering, will not be prepended)

2 = Via route server (for peering, will be prepended by one)

Temporary/testing purposes

42615:X (all single digit communities)

Control communities:

Control communities are not utilized or available at this time.

*The requirement for a minimum path of 5 is to ensure peering is always preferred and due to certain path lengths for certain providers.

**One additional prepend over the primary announcement is necessary to account for the difference in transits used and for the possibility of low-update routers.