

# RackCorp BGP Communities

***RackCorp is currently undergoing a transition to our BGP model globally. If you notice a combination of communities is not working as you expect, please raise a support ticket as our team as it may be our issue***

## **BGP Looking Glass URL**

*(RackCorp is currently undergoing testing on this service and it is not currently publicly available)*

<https://lg.rackcorp.com/>

## Transit Management (outbound)

*(Please note while we try to pass on these communities, upstream networks may still advertise to these providers)*

56038:283 Don't advertise to CoreIX (AS31708)  
56038:284 Don't advertise to Hurricane Electric (AS6939)  
56038:285 Don't advertise to Constant (AS20473)  
56038:297 Don't advertise to NTT (AS2914)  
56038:279 Don't advertise to Vocus (AS4826)  
56038:286 Don't advertise to IPTransit (AS64098)  
56038:287 Don't advertise to Indonet (AS9340)  
56038:288 Don't advertise to Voxility (AS3223)  
56038:289 Don't advertise to China Telecom (AS58453)  
56038:290 Don't advertise to Aknet (AS12764)  
56038:291 Don't advertise to Cogent (AS174)  
56038:292 Don't advertise to Mongolia National DC (AS56301)  
56038:293 Don't advertise to Gemnet (AS45204)

## Peering Management (outbound)

*(Please note while we try to pass on these communities, upstream networks may still advertise to peering exchanges)*

56038:300 Don't advertise to WA-IX AU  
56038:301 Don't advertise to NSW-IX AU  
56038:302 Don't advertise to VIC-IX AU  
56038:303 Don't advertise to QLD-IX AU

56038:310 Don't advertise to Megaport WA IX AU  
56038:311 Don't advertise to Megaport NSW IX AU  
56038:312 Don't advertise to Megaport VIC IX AU  
56038:313 Don't advertise to Megaport QLD IX AU  
56038:320 Don't advertise to DEC-IX DE

## Global Management (outbound)

56038:666 Blackhole prefix wherever possible (only IPv4 /32 or IPv6 /128 allowed)

56038:777 Do not advertise outside of local city (Useful if deploying anycast and utilising other vendors besides RackCorp)

56038:888 Attempt to pad announcements globally with prefixes for optimal anycast traffic

56038:8880 Attempt to pad announcements globally with prefixes for optimal anycast traffic (identical to :888)

56038:8881 Attempt to pad announcements globally with prefixes for optimal anycast traffic +1

56038:8882 Attempt to pad announcements globally with prefixes for optimal anycast traffic +2

56038:8883 Attempt to pad announcements globally with prefixes for optimal anycast traffic +3

56038:8889 Do not advertise

56038:2000 Do not advertise by default (Use specific keyed communities)

## Cloud Users next-hop (outbound)

You can use 110.232.119.254 as your next-hop. Our systems will automatically assign your VM primary IP as the next hop.

## Keyed Management (outbound)

*(Please note while we try to pass on these communities, upstream networks may still advertise at these locations)*

A: 1=Dont Advertise, 2=Advertise no padding, 3=Advertise pad x1, 4=Advertise pad x2, 5=Advertise pad x3, 6=Advertise no-export

B: 0=Transit + Peering, 1=Transit Only, 2=Peering Only

56038:1AB00 Global

56038:1AB21 AU Brisbane

56038:1AB01 AU Sydney GlobalSwitch

56038:1AB26 AU Sydney Equinix

56038:1AB02 AU Melbourne

56038:1AB03 AU Perth

56038:1AB09 DE FRA8  
56038:1AB08 HK  
56038:1AB14 IN  
56038:1AB13 JP  
56038:1AB19 MN MNDC1  
56038:1AB20 MN GEMNET1  
56038:1AB12 NL Amsterdam  
56038:1AB11 NZ  
56038:1AB17 TH BKK1  
56038:1AB18 TH BKK2  
56038:1AB06 UK London  
56038:1AB04 US Fremont  
56038:1AB05 US Chicago  
56038:1AB15 US Los Angeles, CA  
56038:1AB16 US Reston VA  
56038:1AB07 SG  
56038:1AB22 KG NSP1  
56038:1AB23 PH Carmona  
56038:1AB24 PH Makati  
56038:1AB25 ID Jakarta

56038:5070 Force local-pref 70  
56038:5080 Force local-pref 80 (Default)  
56038:5090 Force local-pref 90  
56038:5095 Force local-pref 95

## Informational Communities (inbound)

56038:3000 Received via local  
56038:3001 Received via transit  
56038:3002 Received via peering  
56038:3003 Received via customer

## BGP Internal Distancing (inbound)

RackCorp uses a private AS65001 to represent some internal connectors in the BGP router path and is used to indicate distance between datacenters/cities. You can make use of these internally if you wish in calculating optimal routing

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