



Knowledge Card | New York Route Server Operational Communities

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New York

Route Server Operational Communities

You can use communities to control how the route server redistributes your prefixes. We support traditional, extended and large communities.

Communities must be set on each prefix they should apply to. All communities can be combined.

	IPv4	IPv6
Autonomous System	63034	63034
RS1	206.82.104.254	2001:504:36::f63a:afc:1
RS2	206.82.106.254	2001:504:36::f63a:afd:1
RIR macro (AS-SET)	AS-DECIX-NYC	AS-DECIX-NYC-V6

Action	BGP Standard Community	BGP Extended Community	BGP Large Community
Redistribute			
to all	63034:63034	rt:63034:63034	63034:1:0
to none	0:63034 NO-EXPORT NO-ADVERTISE	rt:0:63034	63034:0:0
to PEERAS	63034:PEERAS*	rt:63034:PEERAS	63034:1:PEERAS
NOT to PEERAS	0:PEERAS*	rt:0:PEERAS	63034:0:PEERAS
Prepend AS path (sender's AS is added to the AS path multiple times)			
to all peers once	65001:0		63034:101:0
to PEERAS once	65001:PEERAS*	rt:65001:PEERAS	63034:101:PEERAS
to all peers twice	65002:0		63034:102:0
to PEERAS twice	65002:PEERAS*	rt:65002:PEERAS	63034:102:PEERAS
to all peers three times	65003:0		63034:103:0
to PEERAS three times	65003:PEERAS*	rt:65003:PEERAS	63034:103:PEERAS
Add NO-EXPORT (well-known community NO-EXPORT is added when re-announcing)			
to all peers	63034:65281		
to PEERAS			63034:901:PEERAS
Add NO-ADVERTISE (well-known community NO-ADVERTISE is added when re-announcing)			
to all peers	63034:65282		
to PEERAS			63034:902:PEERAS

* Only 16-Bit AS numbers possible here