Communities Table - Route Server Version 2.1 (Update: 14/08/2024)

✓ - Em operação completa / Full Operation
✔ - Anúncios marcados, sem ação / Marked Annoucement, but no action

City columns (left to right): Aracaju/SE, Belém/PA, Belo Horizonte/MG, Boa Vista/RR, Brasília/DF, Campina Grande/PB, Campinas/SP, Campo Grande/MS, Cascavel/PR, Caxias do Sul/RS, Cuiabá/MT, Curitiba/PR, Florianópolis/SC, Fortaleza/CE, Foz do Iguaçu/PR, Goiânia/GO, João Pessoa/PB, Lajeado/RS, Londrina/PR, Maceió/AL, Manaus/AM, Maringá/PR, Natal/RN, Palmas/TO, Porto Alegre/RS, Recife/PE, Rio Branco/AC, Rio de Janeiro/RJ, Salvador/BA, Santa Maria/RS, São José do Rio Preto/SP, São José dos Campos/SP, São Luiz/MA, São Paulo/SP, Teresina/PI, Vitória/ES

Traffic engineering

function	standard	extended	large
not announce to ASN	65000:dest-asn	(ro|rt):65000:dest-asn	65000:0:dest-asn
export only to ASN	65001:dest-asn	(ro|rt):65001:dest-asn	65001:0:dest-asn
add one prepend	64601:dest-asn	(ro|rt):64601:dest-asn	64601:0:dest-asn
add two prepend	64602:dest-asn	(ro|rt):64602:dest-asn	64602:0:dest-asn
add three prepend	64603:dest-asn	(ro|rt):64603:dest-asn	64603:0:dest-asn
graceful shutdown	65535:0	-	-
do not announce to Afrinic (ASNs)	65002:0	(ro|rt):65002:0	65002:0:0
do not announce to Apnic (ASNs)	65002:1	(ro|rt):65002:1	65002:0:1
do not announce to Arin (ASNs)	65002:2	(ro|rt):65002:2	65002:0:2
do not announce to Lacnic (ASNs)	65002:3	(ro|rt):65002:3	65002:0:3
do not announce to Ripe (ASNs)	65002:4	(ro|rt):65002:4	65002:0:4
do not announce to Brasil (ASNs)	65002:5	(ro|rt):65002:5	65002:0:5
export to Afrinic (ASNs)	65003:0	(ro|rt):65003:0	65003:0:0
export to Apnic (ASNs)	65003:1	(ro|rt):65003:1	65003:0:1
export to Arin (ASNs)	65003:2	(ro|rt):65003:2	65003:0:2
export to Lacnic (ASNs)	65003:3	(ro|rt):65003:3	65003:0:3
export to Ripe (ASNs)	65003:4	(ro|rt):65003:4	65003:0:4
export to Brasil (ASNs)	65003:5	(ro|rt):65003:5	65003:0:5
do not announce to IXP	65004:65XXX	(ro|rt):65004:65XXX	65004:0:65XXX
do not announce to rtt > 10ms	65010:10	(ro|rt):65010:10	65010:0:10
do not announce to rtt > 50ms	65010:50	(ro|rt):65010:50	65010:0:50
do not announce to rtt > 100ms	65010:100	(ro|rt):65010:100	65010:0:100
do not announce to rtt > 150ms	65010:150	(ro|rt):65010:150	65010:0:150
do not announce to rtt > 200ms	65010:200	(ro|rt):65010:200	65010:0:200
do not announce to rtt > 250ms	65010:250	(ro|rt):65010:250	65010:0:250
do not announce to rtt = unknown	65010:999	(ro|rt):65010:999	65010:0:999
one prepend to rtt > 10ms	64611:10	(ro|rt):64611:10	64611:0:10
one prepend to rtt > 50ms	64611:50	(ro|rt):64611:50	64611:0:50
one prepend to rtt > 100ms	64611:100	(ro|rt):64611:100	64611:0:100
one prepend to rtt > 150ms	64611:150	(ro|rt):64611:150	64611:0:150
one prepend to rtt > 200ms	64611:200	(ro|rt):64611:200	64611:0:200
one prepend to rtt > 250ms	64611:250	(ro|rt):64611:250	64611:0:250
one prepend to rtt = unknown	64611:999	(ro|rt):64611:999	64611:0:999
two prepend to rtt > 10ms	64612:10	(ro|rt):64612:10	64612:0:10
two prepend to rtt > 50ms	64612:50	(ro|rt):64612:50	64612:0:50
two prepend to rtt > 100ms	64612:100	(ro|rt):64612:100	64612:0:100
two prepend to rtt > 150ms	64612:150	(ro|rt):64612:150	64612:0:150
two prepend to rtt > 200ms	64612:200	(ro|rt):64612:200	64612:0:200
two prepend to rtt > 250ms	64612:250	(ro|rt):64612:250	64612:0:250
two prepend to rtt = unknown	64612:999	(ro|rt):64612:999	64612:0:999
three prepend to rtt > 10ms	64613:10	(ro|rt):64613:10	64613:0:10
three prepend to rtt > 50ms	64613:50	(ro|rt):64613:50	64613:0:50
three prepend to rtt > 100ms	64613:100	(ro|rt):64613:100	64613:0:100
three prepend to rtt > 150ms	64613:150	(ro|rt):64613:150	64613:0:150
three prepend to rtt > 200ms	64613:200	(ro|rt):64613:200	64613:0:200
three prepend to rtt > 250ms	64613:250	(ro|rt):64613:250	64613:0:250
three prepend to rtt = unknown	64613:999	(ro|rt):64613:999	64613:0:999
do not announce to loss > 2%		(ro|rt):65011:2	65011:0:2
do not announce to loss > 10%	65011:10	(ro|rt):65011:10	65011:0:10
do not announce to loss = unknown	65011:999	(ro|rt):65011:999	65011:0:999
one prepend to loss > 2%	64621:2	(ro|rt):64621:2	64621:0:2
one prepend to loss > 10%	64621:10	(ro|rt):64621:10	64621:0:10
one prepend to loss = unknown	64621:999	(ro|rt):64621:999	64621:0:999
two prepend to loss > 2%	64622:2	(ro|rt):64622:2	64622:0:2
two prepend to loss > 10%	64622:10	(ro|rt):64622:10	64622:0:10
two prepend to loss = unknown	64622:999	(ro|rt):64622:999	64622:0:999
three prepend to loss > 2%	64623:2	(ro|rt):64623:2	64623:0:2
three prepend to loss > 10%	64623:10	(ro|rt):64623:10	64623:0:10
three prepend to loss = unknown	64623:999	(ro|rt):64623:999	64623:0:999

For all functions listed above, the per-city matrix indicates ✓ (Full Operation) across all 36 city columns.

✓ - Em operação completa / Full Operation
✓ - Anúncios marcados, sem ação / Marked Annoucement, but no action

Cities (columns, left to right): Aracaju/SE, Belém/PA, Belo Horizonte/MG, Boa Vista/RR, Brasília/DF, Campina Grande/PB, Campinas/SP, Campo Grande/MS, Cascavel/PR, Caxias do Sul/RS, Cuiabá/MT, Curitiba/PR, Florianópolis/SC, Fortaleza/CE, Foz do Iguaçu/PR, Goiânia/GO, João Pessoa/PB, Lajeado/RS, Londrina/PR, Maceió/AL, Manaus/AM, Maringá/PR, Natal/RN, Palmas/TO, Porto Alegre/RS, Recife/PE, Rio Branco/AC, Rio de Janeiro/RJ, Salvador/BA, Santa Maria/RS, São José do Rio Preto/SP, São José dos Campos/SP, São Luiz/MA, São Paulo/SP, Teresina/PI, Vitória/ES

Informatives

function	community	extended	large	status
Origin ASN	rs-asn:peer-asn	(ro|rt):rs-asn:peer-asn	rs-asn:0:peer-asn	✓ all cities
IXP location (XX = DDD)	rs-asn:65XXX	(ro|rt):rs-asn:65XXX	rs-asn:0:65XXX	✓ all cities
ASN - RTT 0.001ms < 10ms	rs-asn:64661	(ro|rt):rs-asn:64661	rs-asn:660:1	✓ all cities
ASN - RTT 10ms < 50ms	rs-asn:64662	(ro|rt):rs-asn:64662	rs-asn:660:2	✓ all cities
ASN - RTT 50ms < 100ms	rs-asn:64663	(ro|rt):rs-asn:64663	rs-asn:660:3	✓ all cities
ASN - RTT 100ms < 150ms	rs-asn:64664	(ro|rt):rs-asn:64664	rs-asn:660:4	✓ all cities
ASN - RTT 150ms < 200ms	rs-asn:64665	(ro|rt):rs-asn:64665	rs-asn:660:5	✓ all cities
ASN - RTT 200ms < 250ms	rs-asn:64666	(ro|rt):rs-asn:64666	rs-asn:660:6	✓ all cities
ASN - RTT > 250ms	rs-asn:64667	(ro|rt):rs-asn:64667	rs-asn:660:7	✓ all cities
ASN - RTT = unknown	rs-asn:64669	(ro|rt):rs-asn:64669	rs-asn:660:9	✓ all cities
ASN - LOSS 0%	rs-asn:64671	(ro|rt):rs-asn:64671	rs-asn:670:1	✓ all cities
ASN - LOSS 0.001% < 2%	rs-asn:64672	(ro|rt):rs-asn:64672	rs-asn:670:2	✓ all cities
ASN - LOSS 2% < 10%	rs-asn:64673	(ro|rt):rs-asn:64673	rs-asn:670:3	✓ all cities
ASN - LOSS > 10%	rs-asn:64674	(ro|rt):rs-asn:64674	rs-asn:670:4	✓ all cities
ASN - LOSS = unknown/100%	rs-asn:64679	(ro|rt):rs-asn:64679	rs-asn:670:9	✓ all cities
ASN from Afrinic	rs-asn:64680	(ro|rt):rs-asn:64680	rs-asn:680:0	✓ all cities
ASN from Apnic	rs-asn:64681	(ro|rt):rs-asn:64681	rs-asn:680:1	✓ all cities
ASN from Arin	rs-asn:64682	(ro|rt):rs-asn:64682	rs-asn:680:2	✓ all cities
ASN from Lacnic	rs-asn:64683	(ro|rt):rs-asn:64683	rs-asn:680:3	✓ all cities
ASN from Ripe	rs-asn:64684	(ro|rt):rs-asn:64684	rs-asn:680:4	✓ all cities
ASN from Brazil	rs-asn:64685	(ro|rt):rs-asn:64685	rs-asn:680:5	✓ all cities

Filtro

function	standard	extended	large	status
BH announce	65535:666	(ro|rt):65535:666	65535:616:666	✓ all cities
Confirmed BH	rs-asn:666	(ro|rt):rs-asn:666	rs-asn:616:666	✓ all cities
registro.br invalid	rs-asn:65110	(ro|rt):rs-asn:65110	rs-asn:100:0	✓ all cities
registro.br valid	rs-asn:65111	(ro|rt):rs-asn:65111	rs-asn:100:1	✓ all cities
registro.br unknown	rs-asn:65112	(ro|rt):rs-asn:65112	rs-asn:100:2	✓ all cities
IRR - prefix present in AS-SET	rs-asn:65121	(ro|rt):rs-asn:65121	rs-asn:200:1	✓ all cities (marked, no action)
IRR - prefix not present in AS-SET	rs-asn:65122	(ro|rt):rs-asn:65122	rs-asn:200:2	✓ all cities (marked, no action)
RPKI invalid	rs-asn:65130	(ro|rt):rs-asn:65130	rs-asn:300:0	✓ all cities
RPKI valid	rs-asn:65131	(ro|rt):rs-asn:65131	rs-asn:300:1	✓ all cities
RPKI unknown	rs-asn:65132	(ro|rt):rs-asn:65132	rs-asn:300:2	✓ all cities
RIRs invalid	rs-asn:65140	(ro|rt):rs-asn:65140	rs-asn:400:0	(none)
RIRs valid	rs-asn:65141	(ro|rt):rs-asn:65141	rs-asn:400:1	(none)
RIRs unknown	rs-asn:65142	(ro|rt):rs-asn:65142	rs-asn:400:2	(none)
Invalid prefix length	rs-asn:65190	(ro|rt):rs-asn:65190	rs-asn:190:0	✓ all cities
Bogon prefix	rs-asn:65191	(ro|rt):rs-asn:65191	rs-asn:190:1	✓ all cities
Bogon asn	rs-asn:65192	(ro|rt):rs-asn:65192	rs-asn:190:2	✓ all cities
Transit free	rs-asn:65193	(ro|rt):rs-asn:65193	rs-asn:190:3	✓ all cities
Never via RS	rs-asn:65194	(ro|rt):rs-asn:65194	rs-asn:190:4	✓ all cities
IXPs prefixes	rs-asn:65195	(ro|rt):rs-asn:65195	rs-asn:190:5	✓ all cities

function		drop inbound		status
ATM/MLPA prefixes				✓ all cities
Resending our routes back				✓ all cities
Source != BGP				✓ all cities
AS-PATH length				✓ all cities
Drop IXP ASN				✓ all cities
First ASN != peer-asn				✓ all cities
next_hop != peer-ip				✓ all cities

function	standard	extended	large
~~as-set invalid~~	~~rs-asn:65150~~	~~(ro|rt):rs-asn:65150~~	-
~~as-set valid~~	~~rs-asn:65151~~	~~(ro|rt):rs-asn:65151~~	-
~~stub-br~~	~~rs-asn:65180~~	~~(ro|rt):rs-asn:65180~~	-
~~non-stub-br~~	~~rs-asn:65181~~	~~(ro|rt):rs-asn:65181~~	-

Aracajú/SE · Belém/PA · Belo Horizonte/MG · Boa Vista/RR · Brasília/DF · Campina Grande/PB · Campinas/SP · Campo Grande/MS · Cascavel/PR · Caxias do Sul/RS · Cuiabá/MT · Curitiba/PR · Florianópolis/SC · Fortaleza/CE · Foz do Iguaçu/PR · Goiânia/GO · João Pessoa/PB · Lajeado/RS · Londrina/PR · Maceió/AL · Manaus/AM · Maringá/PR · Natal/RN · Palmas/TO · Porto Alegre/RS · Recife/PE · Rio Branco/AC · Rio de Janeiro/RJ · Salvador/BA · Santa Maria/RS · São José do Rio Preto/SP · São José dos Campos/SP · São Luiz/MA · São Paulo/SP · Teresina/PI · Vitória/ES

Locations ID

IXP location	Origin Location	Do not announce to this IXP
Aracaju/SE	26162:65079	65004:65079
Belém/PA	26162:65092	65004:65092
Belo Horizonte/MG	26162:65031	65004:65031
Boa Vista/RR	26162:65095	65004:65095
Brasília/DF	26162:65061	65004:65061
Campina Grande/PB	26162:65183	65004:65183
Campinas/SP	26162:65019	65004:65019
Campo Grande/MS	26162:65067	65004:65067
Cascavel/PR	26162:65145	65004:65145
Caxias do Sul/RS	26162:65054	65004:65054
Cuiabá/MT	26162:65065	65004:65065
Curitiba/PR	26162:65041	65004:65041
Florianópolis/SC	26162:65048	65004:65048
Fortaleza/CE	26162:65085	65004:65085
Foz do Iguaçu/PR	26162:65045	65004:65045
Goiânia/GO	26162:65062	65004:65062
João Pessoa/PB	26162:65083	65004:65083
Lajeado/RS	26162:65051	65004:65051
Londrina/PR	26162:65043	65004:65043
Maceió/AL	26162:65082	65004:65082
Manaus/AM	26162:65092	65004:65092
Maringá/PR	26162:65044	65004:65044
Natal/RN	26162:65084	65004:65084
Palmas/TO	26162:65063	65004:65063
Porto Alegre/RS	26162:65051	65004:65051
Recife/PE	26162:65081	65004:65081
Rio de Janeiro/RJ	26162:65021	65004:65021
Salvador/BA	26162:65071	65004:65071
Santa Maria/RS	26162:65055	65004:65055
S. J. dos Campos/SP	26162:65012	65004:65012
S. J. Rio Preto/SP	26162:65017	65004:65017
São Luís/MA	26162:65098	65004:65098
São Paulo/SP	26162:65011	65004:65011
Teresina/PI	26162:65086	65004:65086
Vitória/ES	26162:65027	65004:65027