Communities Table - Route Server Version 2.3 (Updated: October 27th, 2026)

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Route Server Control and Traffic engineering			
function	**standard**	**extended**	**large**
not announce to peer-asn	65000:peer-asn	(ro|rt):65000:peer-asn	65000:0:peer-asn
export only to peer-asn	65001:peer-asn	(ro|rt):65001:peer-asn	65001:0:peer-asn
add one prepend to peer-asn	64601:peer-asn	(ro|rt):64601:peer-asn	64601:0:peer-asn
add two prepend to peer-asn	64602:peer-asn	(ro|rt):64602:peer-asn	64602:0:peer-asn
add three prepend to peer-asn	64603:peer-asn	(ro|rt):64603:peer-asn	64603:0:peer-asn
graceful shutdown	65535:0	-	-
BH announcement	65535:666	~~(ro|rt):65535:666~~	65535:616:666
do not announce to Afrinic (peer-asns)	65002:0	~~(ro|rt):65002:0~~	65002:0:0
do not announce to Apnic (peer-asns)	65002:1	~~(ro|rt):65002:1~~	65002:0:1
do not announce to Arin (peer-asns)	65002:2	~~(ro|rt):65002:2~~	65002:0:2
do not announce to Lacnic (peer-asns)	65002:3	~~(ro|rt):65002:3~~	65002:0:3
do not announce to Ripe (peer-asns)	65002:4	~~(ro|rt):65002:4~~	65002:0:4
do not announce to Brasil (peer-asns)	65002:5	~~(ro|rt):65002:5~~	65002:0:5
export to Afrinic (peer-asns)	65003:0	~~(ro|rt):65003:0~~	65003:0:0
export to Apnic (peer-asns)	65003:1	~~(ro|rt):65003:1~~	65003:0:1
export to Arin (peer-anss)	65003:2	~~(ro|rt):65003:2~~	65003:0:2
export to Lacnic (peer-asns)	65003:3	~~(ro|rt):65003:3~~	65003:0:3
export to Ripe (peer-asns)	65003:4	~~(ro|rt):65003:4~~	65003:0:4
export to Brasil (peer-asns)	65003:5	~~(ro|rt):65003:5~~	65003:0:5
do not announce to IX.br IXP	65004:65XXX	~~(ro|rt):65004:65XXX~~	65004:0:65XXX
do not announce when peer rtt > 10ms	65010:10	~~(ro|rt):65010:10~~	65010:0:10
do not announce when peer rtt > 50ms	65010:50	~~(ro|rt):65010:50~~	65010:0:50
do not announce when peer rtt > 100ms	65010:100	~~(ro|rt):65010:100~~	65010:0:100
do not announce when peer rtt > 150ms	65010:150	~~(ro|rt):65010:150~~	65010:0:150
do not announce when peer rtt > 200ms	65010:200	~~(ro|rt):65010:200~~	65010:0:200
do not announce when peer rtt > 250ms	65010:250	~~(ro|rt):65010:250~~	65010:0:250
do not announce when peer rtt = unknown	65010:999	~~(ro|rt):65010:999~~	65010:0:999
add one prepend when peer rtt > 10ms	64611:10	~~(ro|rt):64611:10~~	64611:0:10
add one prepend when peer rtt > 50ms	64611:50	~~(ro|rt):64611:50~~	64611:0:50
add one prepend when peer rtt > 100ms	64611:100	~~(ro|rt):64611:100~~	64611:0:100
add one prepend when peer rtt > 150ms	64611:150	~~(ro|rt):64611:150~~	64611:0:150
add one prepend when peer rtt > 200ms	64611:200	~~(ro|rt):64611:200~~	64611:0:200
add one prepend when peer rtt > 250ms	64611:250	~~(ro|rt):64611:250~~	64611:0:250
add one prepend when peer rtt = unknown	64611:999	~~(ro|rt):64611:999~~	64611:0:999
add two prepends when peer rtt > 10ms	64612:10	~~(ro|rt):64612:10~~	64612:0:10
add two prepends when peer rtt > 50ms	64612:50	~~(ro|rt):64612:50~~	64612:0:50
add two prepends when peer rtt > 100ms	64612:100	~~(ro|rt):64612:100~~	64612:0:100
add two prepends when peer rtt > 150ms	64612:150	~~(ro|rt):64612:150~~	64612:0:150
add two prepends when peer rtt > 200ms	64612:200	~~(ro|rt):64612:200~~	64612:0:200
add two prepends when peer rtt > 250ms	64612:250	~~(ro|rt):64612:250~~	64612:0:250
add two prepends when peer rtt = unknown	64612:999	~~(ro|rt):64612:999~~	64612:0:999

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add three prepends when peer rtt > 10ms	64613:10	~~(ro|rt):64613:10~~	64613:0:10
add three prepends when peer rtt > 50ms	64613:50	~~(ro|rt):64613:50~~	64613:0:50
add three prepends when peer rtt > 100ms	64613:100	~~(ro|rt):64613:100~~	64613:0:100
add three prepends when peer rtt > 150ms	64613:150	~~(ro|rt):64613:150~~	64613:0:150
add three prepends when peer rtt > 200ms	64613:200	~~(ro|rt):64613:200~~	64613:0:200
add three prepends when peer rtt > 250ms	64613:250	~~(ro|rt):64613:250~~	64613:0:250
add three prepends when peer rtt = unknown	64613:999	~~(ro|rt):64613:999~~	64613:0:999

do not announce when peer loss > 2%	65011:2	~~(ro|rt):65011:2~~	65011:0:2
do not announce when peer loss > 10%	65011:10	~~(ro|rt):65011:10~~	65011:0:10
do not announce when peer loss = unknown	65011:999	~~(ro|rt):65011:999~~	65011:0:999

add one prepend when peer loss > 2%	64621:2	~~(ro|rt):64621:2~~	64621:0:2
add one prepend when peer loss > 10%	64621:10	~~(ro|rt):64621:10~~	64621:0:10
add one prepend when peer loss = unknown	64621:999	~~(ro|rt):64621:999~~	64621:0:999

add two prepends when peer loss > 2%	64622:2	~~(ro|rt):64622:2~~	64622:0:2
add two prepends when peer loss > 10%	64622:10	~~(ro|rt):64622:10~~	64622:0:10
add two prepends when peer loss = unknown	64622:999	~~(ro|rt):64622:999~~	64622:0:999

add three prepends when peer loss > 2%	64623:2	~~(ro|rt):64623:2~~	64623:0:2
add three prepends when peer loss > 10%	64623:10	~~(ro|rt):64623:10~~	64623:0:10
add three prepends when peer loss = unknown	64623:999	~~(ro|rt):64623:999~~	64623:0:999

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Route Server Informatives

function	community	extended	large	info	drop
Peer ASN (peer-asn)	26162:peer-asn	(ro|rt):26162:peer-asn	26162:0:peer-asn	✓	
IXP location (XXX = IXP ID) (see Locations Table)	26162:65XXX	~~(ro|rt):26162:65XXX~~	26162:0:65XXX	✓	
Peer RTT 0.001ms < 10ms	26162:64661	~~(ro|rt):26162:64661~~	26162:660:1	✓	
Peer RTT 10ms < 50ms	26162:64662	~~(ro|rt):26162:64662~~	26162:660:2	✓	
Peer RTT 50ms < 100ms	26162:64663	~~(ro|rt):26162:64663~~	26162:660:3	✓	
Peer RTT 100ms < 150ms	26162:64664	~~(ro|rt):26162:64664~~	26162:660:4	✓	
Peer RTT 150ms < 200ms	26162:64665	~~(ro|rt):26162:64665~~	26162:660:5	✓	
Peer RTT 200ms < 250ms	26162:64666	~~(ro|rt):26162:64666~~	26162:660:6	✓	
Peer RTT > 250ms	26162:64667	~~(ro|rt):26162:64667~~	26162:660:7	✓	
Peer RTT = unknown	26162:64669	~~(ro|rt):26162:64669~~	26162:660:9	✓	
Peer LOSS 0%	26162:64671	~~(ro|rt):26162:64671~~	26162:670:1	✓	
Peer LOSS 0.001% < 2%	26162:64672	~~(ro|rt):26162:64672~~	26162:670:2	✓	
Peer LOSS 2% < 10%	26162:64673	~~(ro|rt):26162:64673~~	26162:670:3	✓	
Peer LOSS > 10%	26162:64674	~~(ro|rt):26162:64674~~	26162:670:4	✓	
Peer LOSS = unknown/100%	26162:64679	~~(ro|rt):26162:64679~~	26162:670:9	✓	
Origin-asn of Afrinic	26162:64680	~~(ro|rt):26162:64680~~	26162:680:0	✓	
Origin-asn of Apnic	26162:64681	~~(ro|rt):26162:64681~~	26162:680:1	✓	
Origin-asn of Arin	26162:64682	~~(ro|rt):26162:64682~~	26162:680:2	✓	
Origin-asn of Lacnic	26162:64683	~~(ro|rt):26162:64683~~	26162:680:3	✓	
Origin-asn of Ripe	26162:64684	~~(ro|rt):26162:64684~~	26162:680:4	✓	
Origin-asn of Brazil	26162:64685	~~(ro|rt):26162:64685~~	26162:680:5	✓	

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Validations and Filters

function	standard	extended	large	info	drop
Confirmed BH	26162:666	~~(ro|rt):26162:666~~	26162:616:666	✓	
registro.br invalid	26162:65110	~~(ro|rt):26162:65110~~	26162:100:0	✓	✓
registro.br valid	26162:65111	~~(ro|rt):26162:65111~~	26162:100:1	✓	
registro.br unknown	26162:65112	~~(ro|rt):26162:65112~~	26162:100:2	✓	
IRR - prefix present in AS-SET	26162:65121	~~(ro|rt):26162:65121~~	26162:200:1	✓	
IRR - prefix not present in AS-SET	26162:65122	~~(ro|rt):26162:65122~~	26162:200:2	✓	
RPKI invalid	26162:65130	~~(ro|rt):26162:65130~~	26162:300:0	✓	✓
RPKI valid	26162:65131	~~(ro|rt):26162:65131~~	26162:300:1	✓	
RPKI unknown	26162:65132	~~(ro|rt):26162:65132~~	26162:300:2	✓	
Invalid prefix length	26162:65190	~~(ro|rt):26162:65190~~	26162:190:0	✓	✓
Bogon prefix	26162:65191	~~(ro|rt):26162:65191~~	26162:190:1	✓	✓
Bogon asn	26162:65192	~~(ro|rt):26162:65192~~	26162:190:2	✓	✓
Transit free	26162:65193	~~(ro|rt):26162:65193~~	26162:190:3	✓	✓
Never via RS	26162:65194	~~(ro|rt):26162:65194~~	26162:190:4	✓	✓
IXPs prefixes	26162:65195	~~(ro|rt):26162:65195~~	26162:190:5	✓	✓
ATM/MLPA prefixes	drop inbound				✓
Resending our routes back					✓
Source != BGP					✓
AS-PATH length					✓
Drop IXP ASN					✓
First ASN != peer-asn					✓
next_hop != peer-ip					✓

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IX.br Location ID Table

IXP location	ID
Aracaju/SE	079
Belém/PA	091
Belo Horizonte/MG	031
Boa Vista/RR	095
Brasília/DF	061
Campina Grande/PB	183
Campinas/SP	019
Campo Grande/MS	067
Caruaru/PE	181
Cascavel/PR	145
Caxias do Sul/RS	054
Cuiabá/MT	065
Curitiba/PR	041
Feira de Santana/BA	075
Florianópolis/SC	048
Fortaleza/CE	085
Foz do Iguaçu/PR	045
Goiânia/GO	062
João Pessoa/PB	083
Lajeado/RS	151
Londrina/PR	043
Macapá/AP	096
Maceió/AL	082
Manaus/AM	092
Maringá/PR	044
Natal/RN	084
Palmas/TO	063
Porto Alegre/RS	051
Porto Velho/RO	069
Recife/PE	081
Ribeirão Preto/SP	016
Rio Branco/AC	068
Rio de Janeiro/RJ	021
Salvador/BA	071
Santa Maria/RS	055
São José do Rio Preto/SP	017
São Luís/MA	098
São Paulo/SP	011
Teresina/PI	086
Vitória/ES	027