

Communities Table - Route Server Version 2.2 (Updated: July 21st, 2026)

*1 - Only Communities beginning with 26162 are announced by [IX.br](#) route server

*2 - RTT and LOSS are measured from the route server or an [IX.br](#) host to peer IP

*3 - Extended Communities will be deprecated on September 1st, 2026

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-asns)	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](https://ix.br) Location ID Table

IXP location	ID
Aracaju/SE	079
Belém/PA	092
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	051
Londrina/PR	043
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