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Bits prefix present in AS-SET rs-asn.65121 rs-asn.2001 Bits prefix not present in AS-SET rs-asn.65122 rs-asn.2002 APR(invalid rs-asn.65122 (ro)(rl);rs-asn.65122 rs-asn.2002 APR(invalid rs-asn.65130 (ro)(rl);rs-asn.65130 rs-asn.2002 APR(invalid rs-asn.65130 (ro)(rl);rs-asn.65130 rs-asn.2002 APR(invalid rs-asn.65130 (ro)(rl);rs-asn.65130 rs-asn.2002 APR(invalid rs-asn.65130 (ro)(rl);rs-asn.65140 rs-asn.2002 RBS invalid rs-asn.65140 (ro)(rl);rs-asn.65140 rs-asn.4002 RBS invalid rs-asn.65141 (ro)(rl);rs-asn.65142 rs-asn.4002 RBS invalid rs-asn.65141 (ro)(rl);rs-asn.65142 rs-asn.4002 Invalid prefix ength rs-asn.65142 (ro)(rl);rs-asn.65142 rs-asn.4002 Invalid prefix ength rs-asn.65192 (ro)(rl);rs-asn.65192 rs-asn.4002 Invalid prefix ength rs-asn.65193 (ro)(rl);rs-asn.65192 rs-asn.4002 Invalid prefix ength rs-asn.65193 rs-asn.4002 rs-asn.4002 Invalid prefix ength rs-asn.65193 (ro)(rl);rs-asn.65192					1		1			1	<u> / /</u>	1			1			<u>+</u>	1	· ·		+	<u> </u>		1	<u> </u>		1	<u>/</u> ·	<u> </u>
IRR: prefix not present in ASSET r-san:65122 (no [n1)rs-san:65122 rs-san:2002 PRI lunalid rs-san:65130 (ro) [n1)rs-san:65130 rs-san:3000 PRI valued rs-san:65130 (ro) [n1)rs-san:65130 rs-san:3000 PRV valued rs-san:65130 (ro) [n1)rs-san:65130 rs-san:3000 PRV valued rs-san:65130 (ro) [n1)rs-san:65130 rs-san:4000 RRS valued rs-san:65140 (ro) [n1)rs-san:65141 rs-san:4000 RRS valued rs-san:65191 (ro) [n1)rs-san:65190 rs-san:1900 RRS valued rs-san:65191 (ro) [n1)rs-san:65191 rs-san:1900 RRS valued rs-san:65191 (ro) [n1)rs-san:65193 rs-san:1900 RRS valued rs-san:65193 (ro) [n1)rs-san:65193 rs-san:1900 RRS valued rs-san:65193 (ro) [n1)rs-san:65193<		15 051105112	(10)11().15 051105112	15 051120012							v v				V V								v v			v v			v 1	
RPN imalid rs-asm.65130 (ro) rt/jrs-asm.65131 rs-asm.300.0 RPN imalid rs-asm.65131 (ro) rt/jrs-asm.65131 rs-asm.300.2 RPN imalid rs-asm.65132 (ro) rt/jrs-asm.65142 rs-asm.300.2 RRS imalid rs-asm.65140 (ro) rt/jrs-asm.65140 rs-asm.400.1 RRS imalid rs-asm.65140 (ro) rt/jrs-asm.65142 rs-asm.400.1 RRS imalid rs-asm.65142 (ro) rt/jrs-asm.65142 rs-asm.400.2 imalid prefix length rs-asm.65140 (ro) rt/jrs-asm.65142 rs-asm.400.2 imalid prefix length rs-asm.65190 (ro) rt/jrs-asm.65190 rs-asm.400.2 imalid prefix length rs-asm.65190 (ro) rt/jrs-asm.65190 rs-asm.190.2 imalid prefix length rs-asm.65190 (ro) rt/jrs-asm.65190 rs-asm.190.2 imalid prefix length rs-asm.65193 rs-asm.190.2 rs-asm.190.2 imalid prefix length rs-	IRR - prefix present in AS-SET																													
RPK1 valid n-sam.05131 (no [n]):-sam.05132 (no [n]):-sam.05141 (no [n]):-sam.05191 (no [n]):-sam.05192 (no [n]):-sam.05191 (no [n]):-sam.05192 (no [n]):-sam.05192 (no [n]):-sam.05193 (n	IRR - prefix not present in AS-SET	rs-asn:65122	(ro rt):rs-asn:65122	rs-asn:200:2	4	4 4	4	4 4	• 4	4	* *	4	4 4	4	4 4	4	4	* *	4	4 4	• 4		4 4	• 4	4	4 4	+ +	4	* <	4
RPK1 unknown rs-asn:65132 (ro rs-asn:65132 rs-asn:300:2 RRs unklid rs-asn:65141 (ro rs-asn:65141 rs-asn:65141 rs-asn:65141 rs-asn:65141 rs-asn:65141 rs-asn:65141 rs-asn:65141 rs-asn:65141 (ro rs-asn:65141 (ro rs-asn:65142 (ro rt rs-asn:65142 (ro rt rs-asn:65141 rs-asn:190:0	RPKI invalid				1	11	1					1	11	1	11		1		-					- · ·	1		11			
Ris invalid rs-asn.65140 (ro [rt]):rs-asn.65141 rs-asn.400:0 Rifk valid rs-asn.65141 (ro [rt]):rs-asn.65142 rs-asn.400:1 Rifk valid rs-asn.65142 (ro [rt]):rs-asn.65142 rs-asn.400:2 invalid pefix length rs-asn.65190 (ro [rt]):rs-asn.65190 rs-asn.400:2 invalid pefix length rs-asn.65190 (ro [rt]):rs-asn.65190 rs-asn.190:1 Bogon asn rs-asn.65191 rs-asn.190:1 Sogon asn rs-asn.65191 (ro [rt]):rs-asn.65193 rs-asn.190:2 V V V V V V V V V V V V V V V V V V V					1	11		1		1	<u>//</u>	1	/ /	· /	11		1	<u>//</u>	1	/ /					1	<u>/</u> ·				
Rifs valid rs-san:65141 (roj rt):rs-san:65141 rs-san:400:1 Rifs valid rs-san:65142 (roj rt):rs-san:65142 rs-san:400:2 mixind prefix length rs-san:65190 (roj rt):rs-san:65191 rs-san:400:2 mixind prefix length rs-san:65191 (roj rt):rs-san:65191 rs-san:190:1 Bogon prefix rs-san:65192 (roj rt):rs-san:65193 rs-san:190:1 Sogon an rs-san:65192 (roj rt):rs-san:65193 rs-san:190:3 rs-san:65193 (roj rt):rs-san:65193 rs-san:190:3 rs-san:65195 (roj rt):rs-san:65195 rs-san:190:3 v v v v v v v v v v v v v v v v v v v		13-0311.03132	1 (10)10:13:0511:05152	13-0311.300.2	_ ✓	~ /		· · · ·		~	v V	1 1	× ✓	1					1	~ ~			~ ~		17	v •		17	× •	
RRs unknown rs-sam 65142 (ro rt):rs-sam 65142 rs-asm 400:2 invalid prefix length rs-asm 55191 (ro rt):rs-asm 65190 rs-asm 190:1 0 gog nam rs-asm 65191 (ro rt):rs-asm 65191 rs-asm 190:1 1 walid prefix length rs-asm 65191 (rs-asm 190:1 1 rs-asm 65193 (ro rt):rs-asm 65193 rs-asm 190:1 0 gog nam rs-asm 65193 (ro rt):rs-asm 65193 rs-asm 190:1 1 walid prefixe rs-asm 65194 (ro rt):rs-asm 65194 rs-asm 190:3 1 walid prefixes rs-asm 65194 (ro rt):rs-asm 65194 rs-asm 190:3 1 walid prefixes rs-asm 65195 (ro rt):rs-asm 65194 rs-asm 190:3 1 walid prefixes rs-asm 65195 (ro rt):rs-asm 65194 rs-asm 190:3 1 walid prefixes rs-asm 65195 (ro rt):rs-asm 65195 rs-asm 190:5 1 walid prefixes (ro rt):rs-asm 65195 rs-asm 190:5 (ro rt):rs-asm 65195 (ro rt):rs-asm 65195 1 walid prefixes (ro rt):rs-asm 65195 (ro rt):rs-asm 65195 (ro rt):rs-asm 65195 (ro rt):rs-asm 65195 2 walid walid prefixes (ro rt):rs-asm 65155 (ro rt):rs-asm 65155 (ro r	RIRs invalid											\square	-												\square	-				
					\vdash	_		\vdash	+	_	+	$\left \cdot \right $	+			+	+	+	+	+	-	$\left \right $		+	$\left \right $	-	+-	$\left \right $	+	+
Bogon prefix rs-assn:65191 (rol rl):rs-assn:65192 rs-assn:190:1 rs-assn:65192 (rol rl):rs-assn:65192 rs-assn:190:2 rs-assn:65192 (rol rl):rs-assn:65192 rs-assn:190:2 rs-assn:190:4 rs-assn:190:4 rs-assn:190:4 rs-assn:190:4 rs-assn:190:4 rs-assn:190:4 rs-assn:190:4 rs-assn:190:5 rs-assn:190:5 <td></td> <td>13"8511.03142</td> <td>1 (10)11().15*8511.05142</td> <td>15"d511.400.2</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>		13"8511.03142	1 (10)11().15*8511.05142	15"d511.400.2			-							-					1			<u> </u>						-		
Bogon asn rs-asn:65192 (ro rt):rs-asn:65192 rs-asn:190.2 rs-asn:190.2 rs-asn:190.2 rs-asn:190.2 rs-asn:190.2 rs-asn:190.2 rs-asn:65193 rs-asn:190.2 rs-asn:65193 rs-asn:190.2	Invalid prefix length				1	11	1	11	1	1	11	1	11	1	11	11	1	11	1	1.	1		1.	11	1	1.	11	1	1.	11
Transit free rs-san:65193 (roj(r):rs-san:65194 rs-san:190:3 rs-san:190:3 <thr> rs-san:190:4 rs-san:</thr>	Bogon prefix				<u> </u>	11																								
Never via RS rs-asn.65194 (rol rt):rs-asn.65194 rs-asn.190:4 rs-asn.190:4 rs-asn.190:4 rs-asn.65195 rs-asn.65196	Bogon asn																					$\left \right $								
KPs prefixes rs-asn:65195 (ro rt):rs-asn:65195 rs-asn:190:5 rs-asn:190:5 ATM/MLPA prefixes Resending our routes back Source = BGP AspATH length ////////////////////////////////////					I ↓	11	1	× *											1			$\left \right $								
ATM/MLPA prefixes Resending our routes back Resending our routes back Source I= BGP SA-PATH length Orop inbound If is annessing resenting in provide resenting in provide <td< td=""><td>IXPs prefixes</td><td></td><td></td><td></td><td>1</td><td>11</td><td>1</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	IXPs prefixes				1	11	1	1											1											
Resenting our routes back Source I= BGP Source I= BGP SAPATI length / / / / / / / / / / / / / / / / / / /		1			_																									
Source 19 GP As PATH length drop inbound If a path and by a path a	ATM/MLPA prefixes	-																												
AS-PATHength drop inbound drop inbound drop inbound I <tdi< td=""> <tdi< td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tdi<></tdi<>		1																												
Drop JVA SAN First ASN 1 = peer-asn ent, hop 1 = peer-ip assettionalid rs-asn:65150 (re)rth/m-asn:65151 rs-asn:65180 (re)rth/m-asn:65180		1	dron inbound																											
First ASN I= peer-asn next_hop I= peer-ip assettimalid rs-asn:65150 (ro rt):rs-asn:65150 rs-asn:65151 (ro rt):rs-asn:65151 stub br rs-asn:65180 (ro rt):rs-asn:65180 -	Drop IXP ASN	1																												
next_hop != peer-ip /// / / / / / / / / / / / / / / / / /	First ASN != peer-asn]			1	11	1	11	11	1	11	1	11	1	11	11	1	11	1	1.	11	1	1.	11	1	1.	11	1	1.	11
as set valid (rs asn:65151 (roj-tt):rs asn:65151 - stub br (rs asn:65180 (roj-tt):rs asn:65180 -	next_hop != peer-ip																													
as set valid (rs asn:65151 (roj-tt):rs asn:65151 - stub br (rs asn:65180 (roj-tt):rs asn:65180 -	ac set invalid	m-200:65150	(rolist) rs aco 65150																											
stub br rs-asn:65180 (ro rt);rs-asn:65180 -	as-set valid																													
<u>א אמארט אוויאן און ארארט א</u>	stub br			-																										
	non stub br	13-4511:05101	[(iojrt):is-asii:05101	-																										

	Communities Table - Route Server Version 2.1 (Update: 14/08/2024)
✓ - Em operação completa / Full Operation ✓ - En operação a marcados, sem ação / Marked Annoucement, but no action	Araceliú/SE Araceliú/SE Belem/YA Beol viorizonte/MG Beavista/RB Braalia/PB Campto Grande/PB Campto Grande/PB Campto Grande/PB Campto Grande/PB Cambta/MT Cutbia/PR Cantalezi/NS Cutbia/PR Cutbia/PR Floratero/PE Floratero/PE Maaus/MM Maturg/PS Lundring/PS Lundring/PS Lundring/PS Lundring/PS Lundring/PS Lundring/PS Baloted of Rio Pressa/PB Lajeedof/AL Maaus/MM Maturg/PS São Paulo/SP São Paulo/SP São Paulo/SP

Locations ID

IXP location	Origin Location	Do not announce to this IX
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