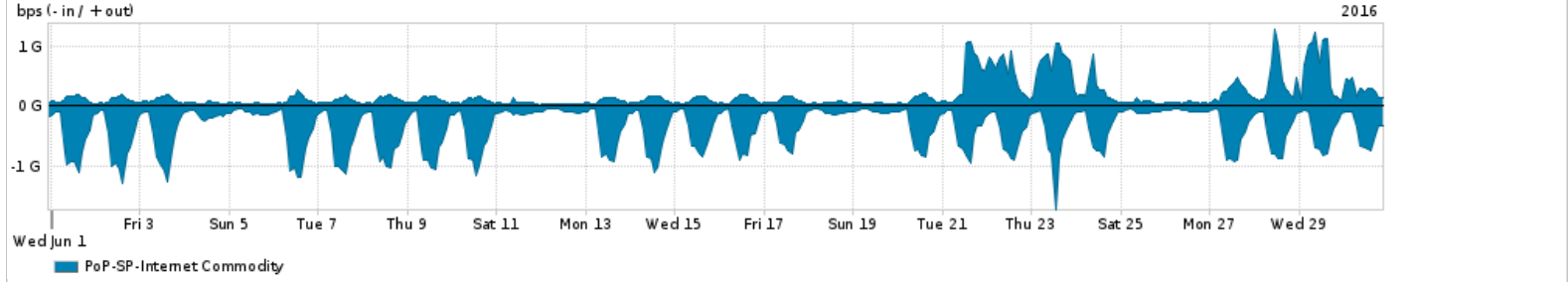


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 A primeira coluna da tabela define o ponto de referência para entendimento dos valores de In e Out.
 A contabilização do tráfego é sob o ponto de vista do AS da RNP, AS1916.

Legenda:
 PoP - Ponto de presença da RNP
 Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
 Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
 Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes
 ASN - Número do sistema autônomo
 Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

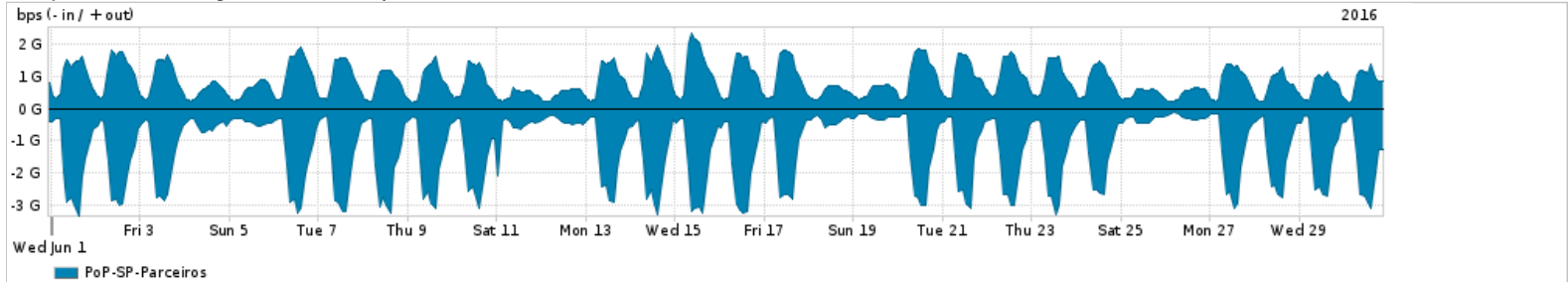
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	383.94 Mbps	177.25 Mbps	561.19 Mbps

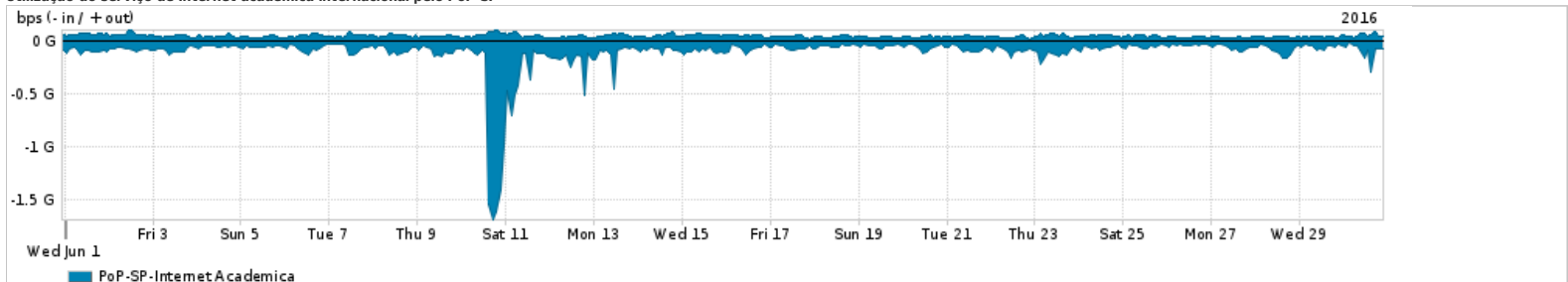
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	1.25 Gbps	848.45 Mbps	2.09 Gbps

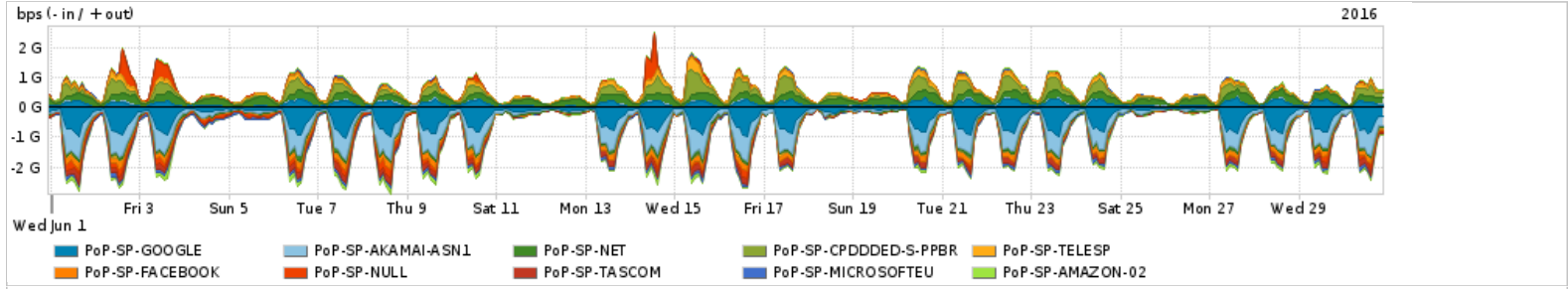
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Acadêmica	107.70 Mbps	41.96 Mbps	149.65 Mbps

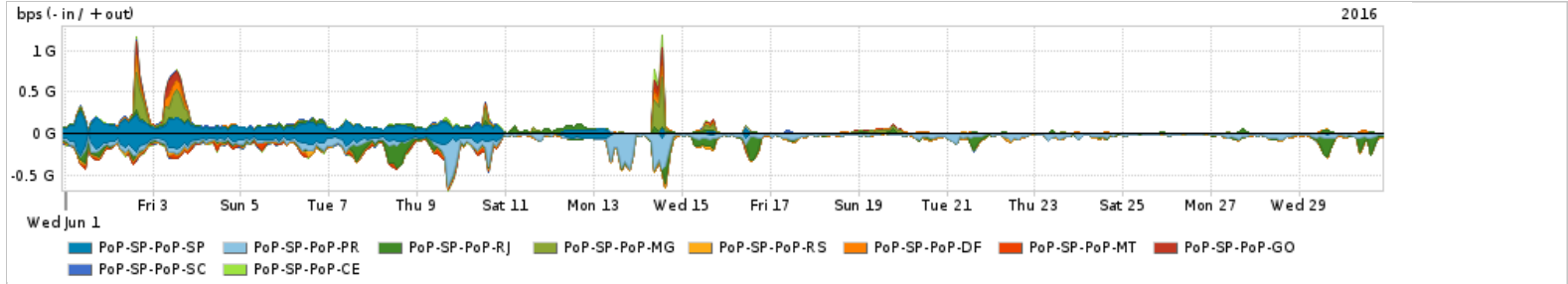
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	323.03 Mbps	103.04 Mbps	426.07 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	275.27 Mbps	5.81 Mbps	281.08 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	48.21 Mbps	188.55 Mbps	236.76 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	6.15 Mbps	136.16 Mbps	142.32 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	14.67 Mbps	82.51 Mbps	97.18 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	72.85 Mbps	8.98 Mbps	81.83 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	47.24 Mbps	33.85 Mbps	81.09 Mbps
<input type="checkbox"/>	PoP-SP	TASCOM	52871	73.87 Mbps	393.00 bps	73.87 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	54.21 Mbps	7.90 Mbps	62.11 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	42.40 Mbps	18.75 Mbps	61.15 Mbps

Interesse de tráfego do PoP-SP com os outros PoPs da RNP

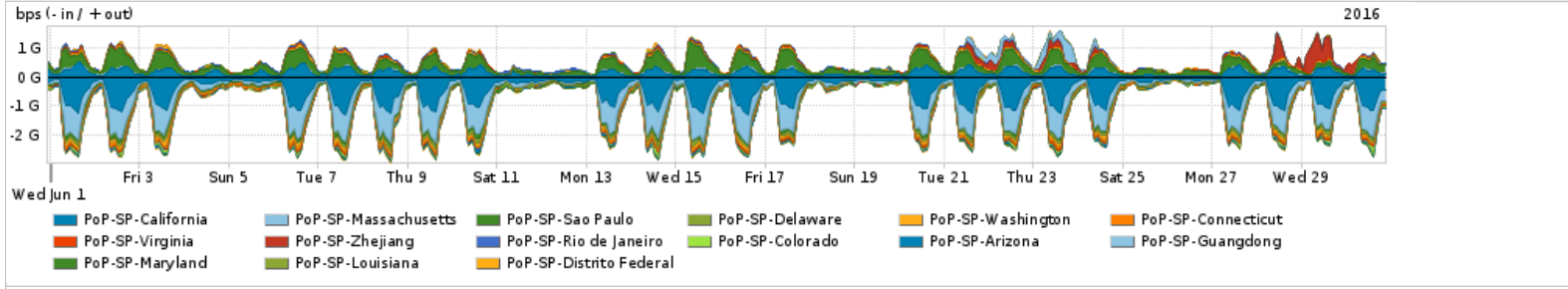


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-SP	33.36 Mbps	33.36 Mbps	66.73 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	48.80 Mbps	243.74 Kbps	49.04 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	19.06 Mbps	9.35 Mbps	28.41 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	996.89 Kbps	13.67 Mbps	14.67 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	8.81 Mbps	917.10 Kbps	9.73 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	1.17 Mbps	5.47 Mbps	6.65 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	5.50 Mbps	684.58 Kbps	6.19 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	88.14 Kbps	4.09 Mbps	4.18 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SC	1.31 Mbps	2.22 Mbps	3.53 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-CE	617.31 Kbps	2.28 Mbps	2.90 Mbps

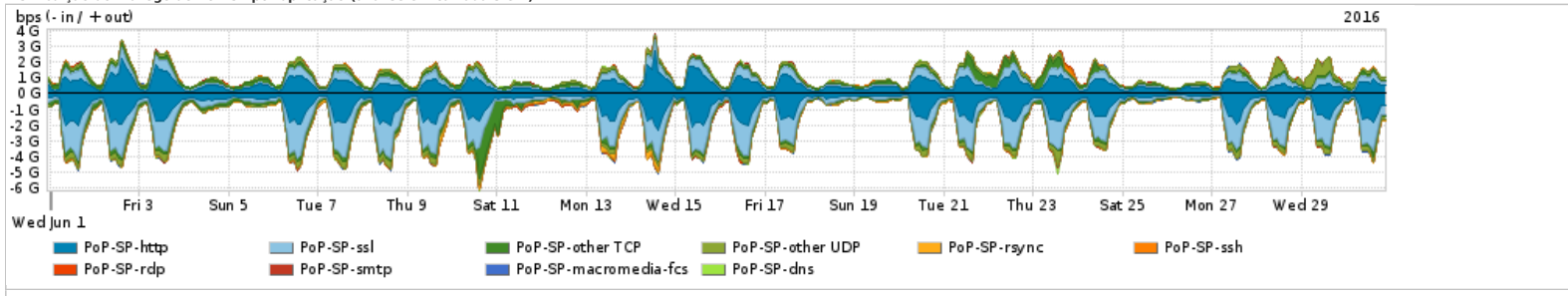
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	436.43 Mbps	146.20 Mbps	582.63 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	354.30 Mbps	8.47 Mbps	362.77 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	47.49 Mbps	245.05 Mbps	292.53 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	48.16 Mbps	7.75 Mbps	55.91 Mbps
<input type="checkbox"/>	PoP-SP	Washington	39.22 Mbps	14.72 Mbps	53.93 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	45.40 Mbps	832.84 Kbps	46.23 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	16.19 Mbps	24.40 Mbps	40.59 Mbps
<input type="checkbox"/>	PoP-SP	Zhejiang	291.14 Kbps	38.21 Mbps	38.50 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	6.92 Mbps	30.40 Mbps	37.32 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	30.03 Mbps	680.39 Kbps	30.71 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	26.04 Mbps	945.47 Kbps	26.99 Mbps
<input type="checkbox"/>	PoP-SP	Guangdong	489.44 Kbps	24.78 Mbps	25.27 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	23.35 Mbps	662.57 Kbps	24.01 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	14.26 Mbps	8.16 Mbps	22.42 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	7.94 Mbps	8.45 Mbps	16.39 Mbps

Distribuição do tráfego do PoP-SP por aplicação (análise em camada 3 e 4)

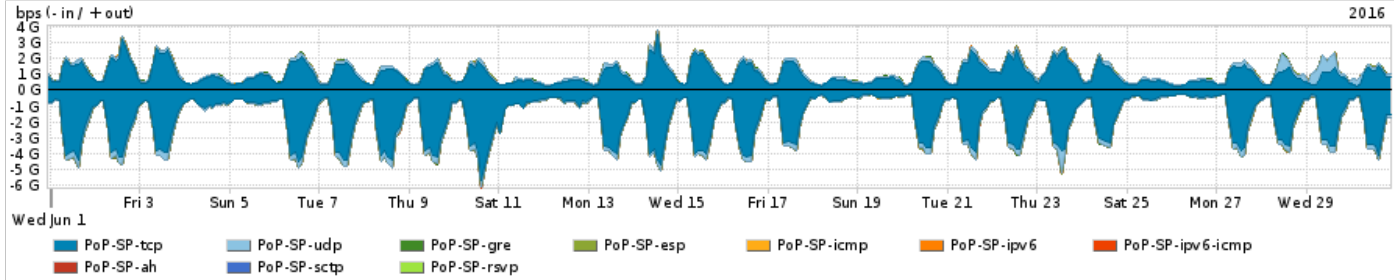


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	751.04 Mbps	539.79 Mbps	1.29 Gbps
<input type="checkbox"/>	PoP-SP	ssl	686.65 Mbps	216.37 Mbps	903.02 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		other TCP	174.20 Mbps	192.24 Mbps	366.44 Mbps
<input type="checkbox"/>	PoP-SP		other UDP	149.41 Mbps	142.74 Mbps	292.14 Mbps
<input type="checkbox"/>	PoP-SP		rsync	50.34 Mbps	1.93 Mbps	52.27 Mbps
<input type="checkbox"/>	PoP-SP		ssh	7.26 Mbps	14.42 Mbps	21.68 Mbps
<input type="checkbox"/>	PoP-SP		rdp	11.67 Mbps	4.15 Mbps	15.81 Mbps
<input type="checkbox"/>	PoP-SP		smtp	6.79 Mbps	6.24 Mbps	13.03 Mbps
<input type="checkbox"/>	PoP-SP		macromedia-fcs	10.87 Mbps	1.87 Mbps	12.74 Mbps
<input type="checkbox"/>	PoP-SP		dns	5.44 Mbps	4.88 Mbps	10.32 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		tcp	1.71 Gbps	986.20 Mbps	2.69 Gbps
<input type="checkbox"/>	PoP-SP		udp	157.57 Mbps	153.83 Mbps	311.39 Mbps
<input type="checkbox"/>	PoP-SP		gre	2.08 Mbps	8.43 Mbps	10.52 Mbps
<input type="checkbox"/>	PoP-SP		esp	1.74 Mbps	5.44 Mbps	7.18 Mbps
<input type="checkbox"/>	PoP-SP		icmp	490.25 Kbps	1.21 Mbps	1.70 Mbps
<input type="checkbox"/>	PoP-SP		ipv6	254.90 Kbps	68.90 Kbps	323.80 Kbps
<input type="checkbox"/>	PoP-SP		ipv6-icmp	10.65 Kbps	7.57 Kbps	18.22 Kbps
<input type="checkbox"/>	PoP-SP		ah	74.00 bps	3.00 bps	77.00 bps
<input type="checkbox"/>	PoP-SP		sctp	58.00 bps	0.00 bps	58.00 bps
<input type="checkbox"/>	PoP-SP		rsvp	17.00 bps	0.00 bps	17.00 bps

For assistance with this product, please contact support@arbornetworks.com.