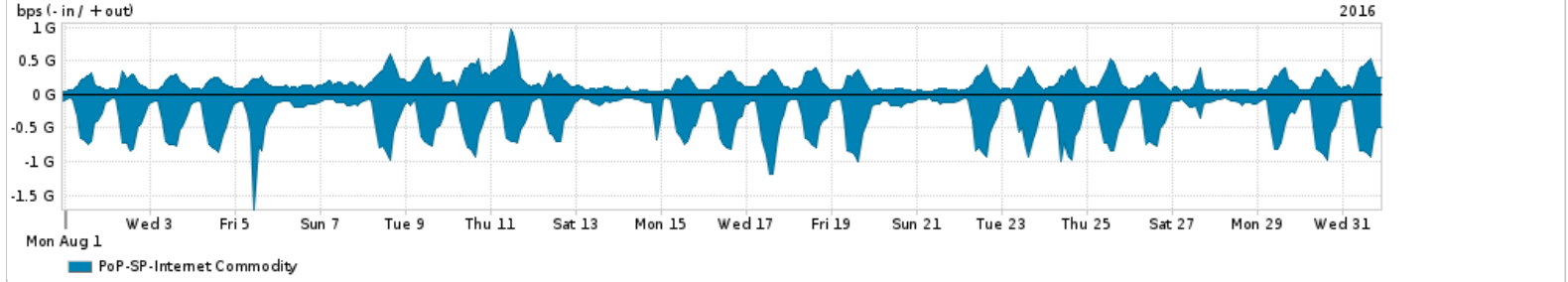


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 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)

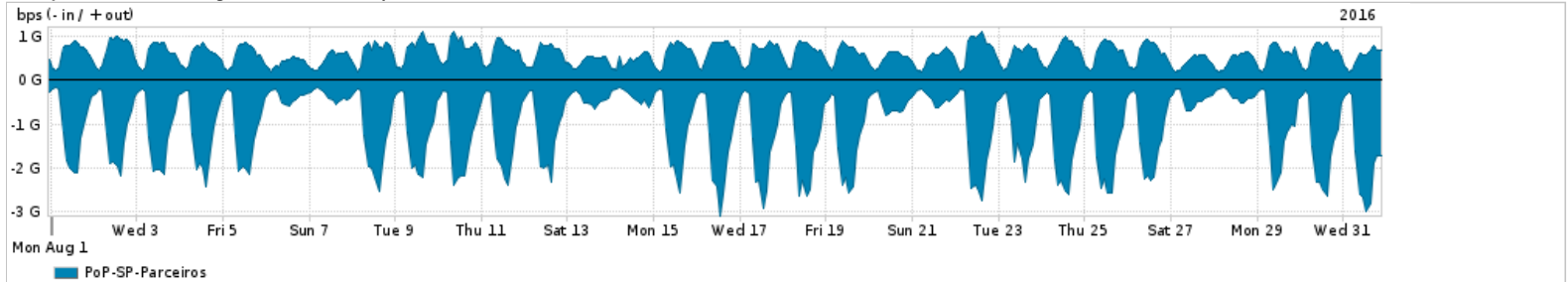
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	352.60 Mbps	179.40 Mbps	532.00 Mbps

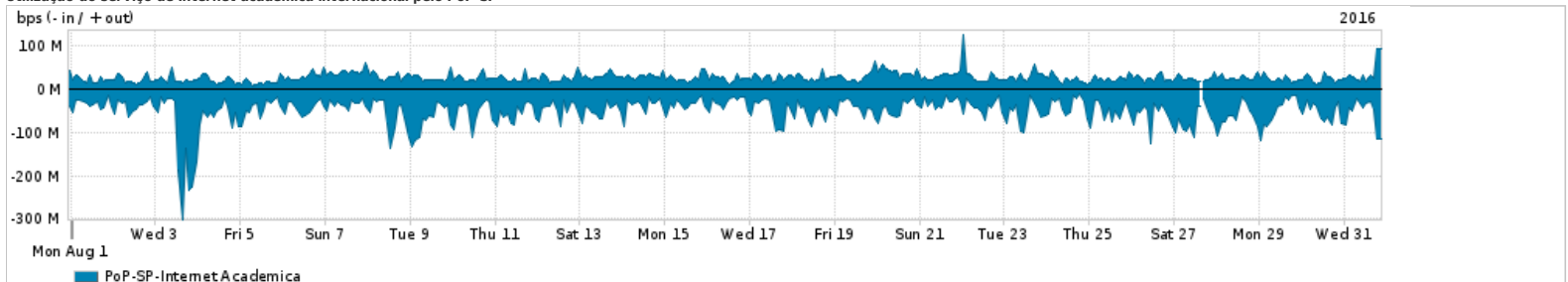
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	1.06 Gbps	588.07 Mbps	1.65 Gbps

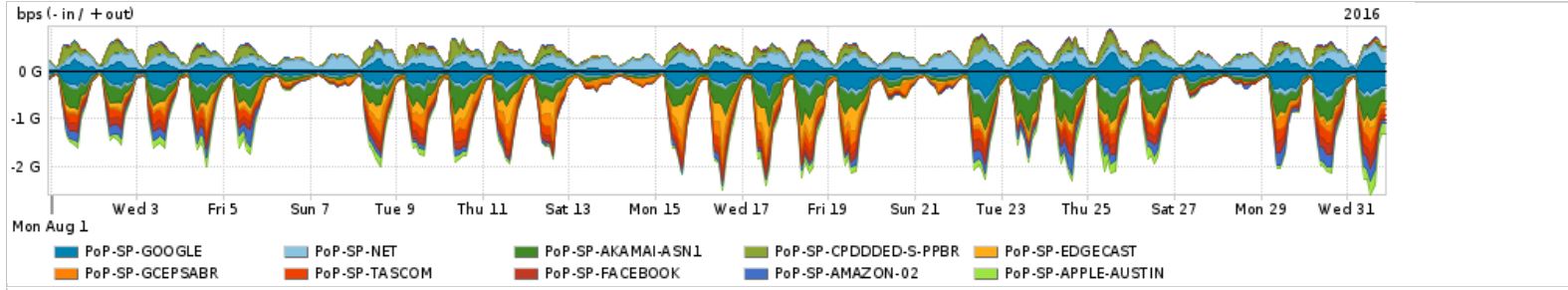
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Academica	50.44 Mbps	26.86 Mbps	77.30 Mbps

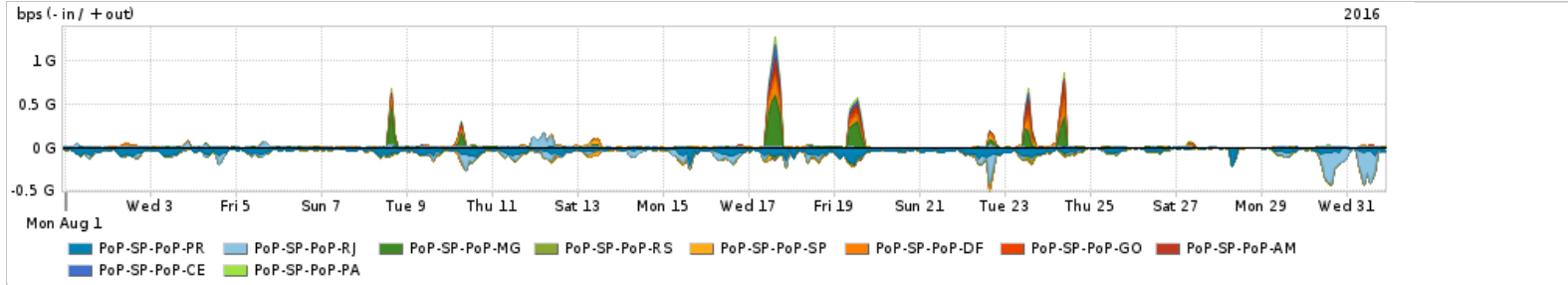
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	175.80 Mbps	84.86 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	39.94 Mbps	158.72 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	179.36 Mbps	5.18 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	3.47 Mbps	85.02 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	84.22 Mbps	889.77 Kbps
<input type="checkbox"/>	PoP-SP	GCEPSABR	28604	79.66 Mbps	2.85 Mbps
<input type="checkbox"/>	PoP-SP	TASCOM	52871	77.36 Mbps	878.00 bps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	70.64 Mbps	6.62 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	59.99 Mbps	14.40 Mbps
<input type="checkbox"/>	PoP-SP	APPLE-AUSTIN	6185	56.79 Mbps	1.18 Mbps

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

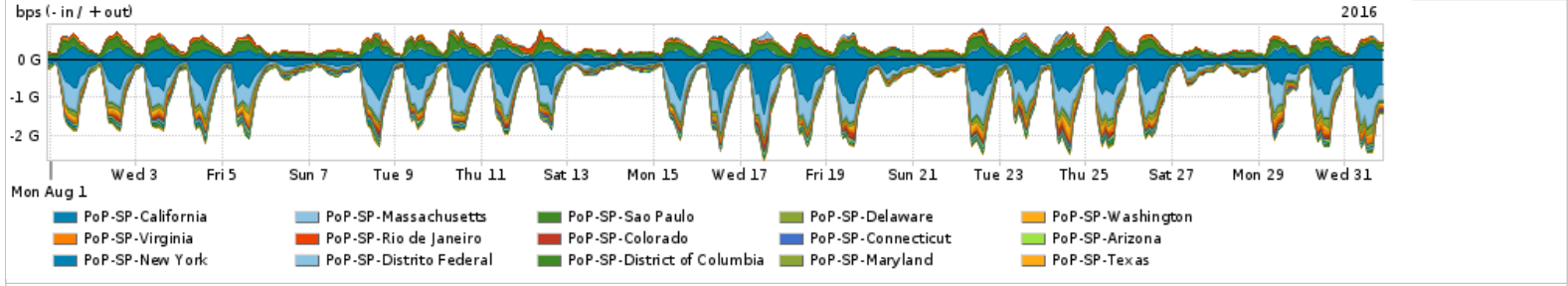


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-PR	49.75 Mbps	430.99 Kbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	19.90 Mbps	4.85 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	295.93 Kbps	13.63 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	6.98 Mbps	1.15 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SP	3.14 Mbps	3.14 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	127.16 Kbps	5.67 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	72.72 Kbps	3.08 Mbps
<input type="checkbox"/>	PoP-SP	PoP-AM	63.63 Kbps	2.49 Mbps
<input type="checkbox"/>	PoP-SP	PoP-CE	49.44 Kbps	2.24 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-PA	41.78 Kbps	1.80 Mbps	1.85 Mbps

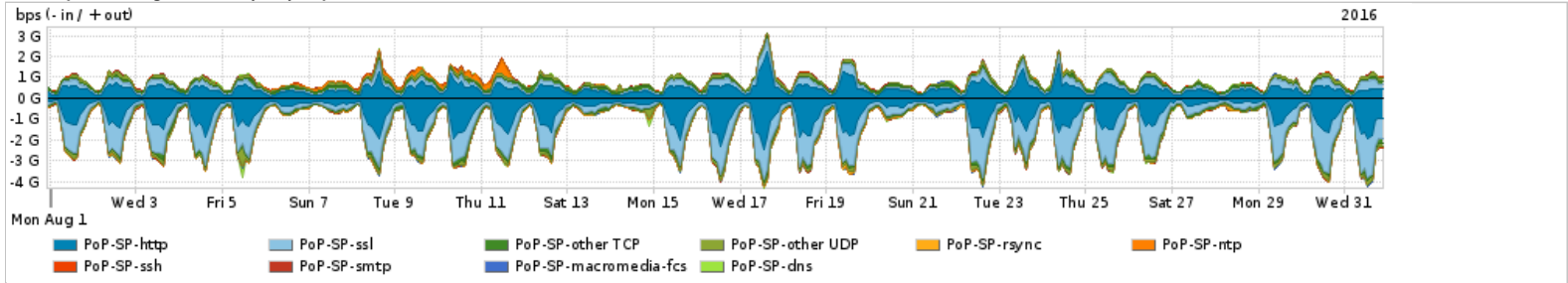
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	371.26 Mbps	119.60 Mbps	490.86 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	233.86 Mbps	6.38 Mbps	240.23 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	26.34 Mbps	152.02 Mbps	178.36 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	52.91 Mbps	10.78 Mbps	63.69 Mbps
<input type="checkbox"/>	PoP-SP	Washington	39.80 Mbps	5.09 Mbps	44.89 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	22.98 Mbps	15.71 Mbps	38.69 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	8.89 Mbps	26.94 Mbps	35.84 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	24.66 Mbps	1.12 Mbps	25.78 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	24.37 Mbps	294.71 Kbps	24.66 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	23.44 Mbps	293.29 Kbps	23.73 Mbps
<input type="checkbox"/>	PoP-SP	New York	18.57 Mbps	2.89 Mbps	21.46 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	8.53 Mbps	10.61 Mbps	19.14 Mbps
<input type="checkbox"/>	PoP-SP	District of Columbia	18.08 Mbps	436.27 Kbps	18.52 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	17.04 Mbps	382.96 Kbps	17.42 Mbps
<input type="checkbox"/>	PoP-SP	Texas	10.48 Mbps	3.06 Mbps	13.55 Mbps

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

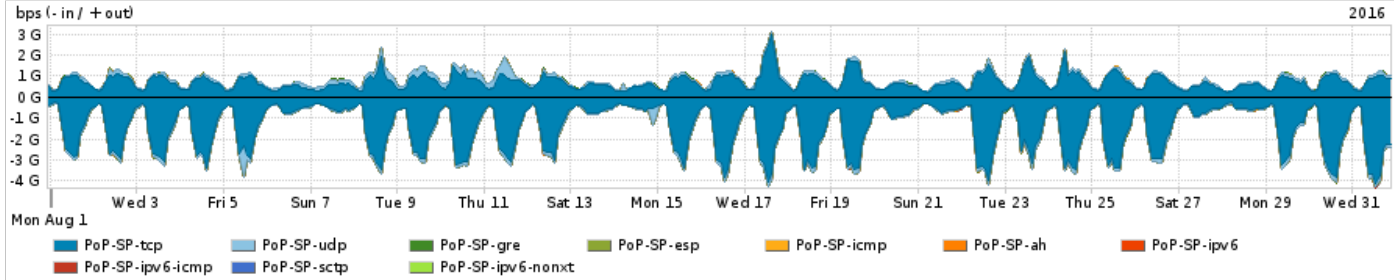


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	670.75 Mbps	424.16 Mbps	1.09 Gbps
<input type="checkbox"/>	PoP-SP	ssl	614.38 Mbps	149.85 Mbps	764.23 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	other TCP	92.68 Mbps	113.69 Mbps	206.37 Mbps
<input type="checkbox"/>	PoP-SP	other UDP	90.27 Mbps	91.93 Mbps	182.20 Mbps
<input type="checkbox"/>	PoP-SP	rsync	33.95 Mbps	1.24 Mbps	35.19 Mbps
<input type="checkbox"/>	PoP-SP	ntp	1.25 Mbps	29.90 Mbps	31.15 Mbps
<input type="checkbox"/>	PoP-SP	ssh	6.71 Mbps	11.32 Mbps	18.04 Mbps
<input type="checkbox"/>	PoP-SP	smtp	6.36 Mbps	7.75 Mbps	14.10 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	8.96 Mbps	1.36 Mbps	10.32 Mbps
<input type="checkbox"/>	PoP-SP	dns	6.18 Mbps	4.08 Mbps	10.27 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	tcp	1.44 Gbps	717.72 Mbps	2.16 Gbps
<input type="checkbox"/>	PoP-SP	udp	98.59 Mbps	125.49 Mbps	224.08 Mbps
<input type="checkbox"/>	PoP-SP	gre	979.84 Kbps	4.51 Mbps	5.49 Mbps
<input type="checkbox"/>	PoP-SP	esp	2.51 Mbps	1.61 Mbps	4.12 Mbps
<input type="checkbox"/>	PoP-SP	icmp	456.27 Kbps	1.16 Mbps	1.62 Mbps
<input type="checkbox"/>	PoP-SP	ah	641.87 Kbps	41.37 Kbps	683.24 Kbps
<input type="checkbox"/>	PoP-SP	ipv6	96.82 Kbps	33.67 Kbps	130.49 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	21.65 Kbps	29.42 Kbps	51.07 Kbps
<input type="checkbox"/>	PoP-SP	sctp	5.00 bps	0.00 bps	5.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	2.00 bps	0.00 bps	2.00 bps

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