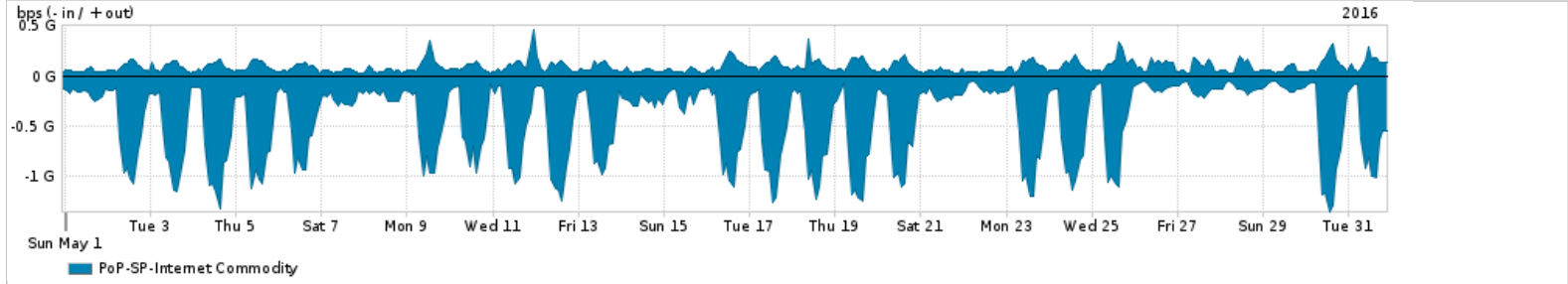


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

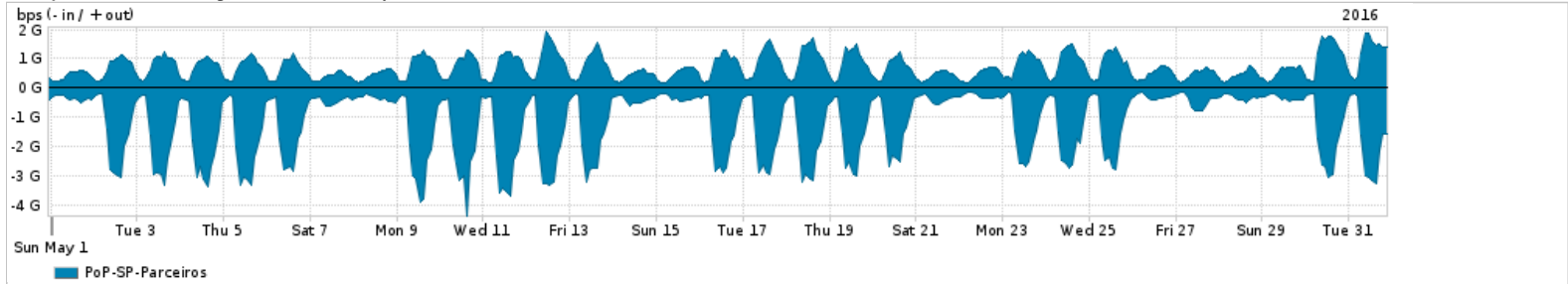
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	446.85 Mbps	88.75 Mbps	535.60 Mbps

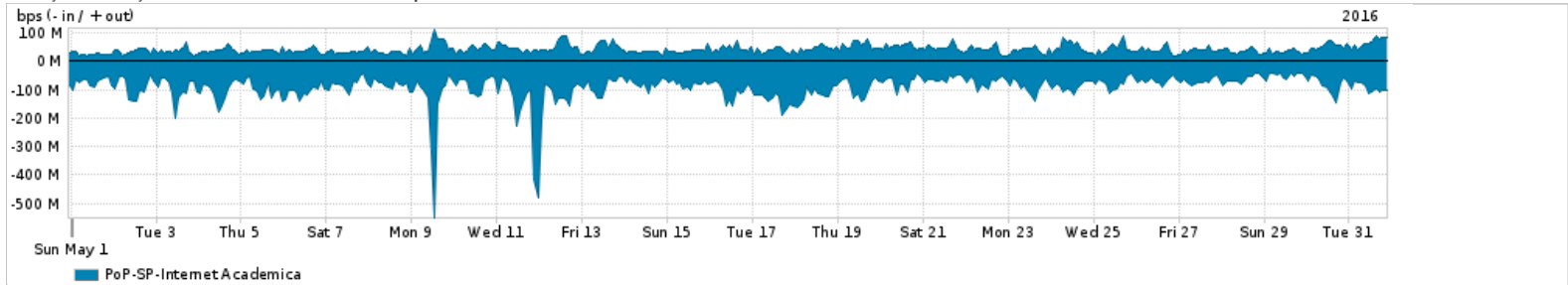
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	1.20 Gbps	690.40 Mbps	1.89 Gbps

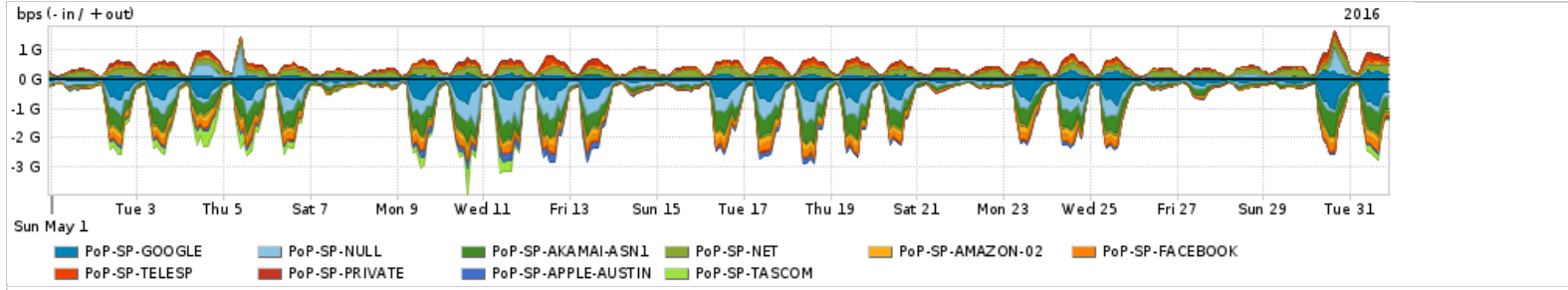
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Academica	91.46 Mbps	42.19 Mbps	133.65 Mbps

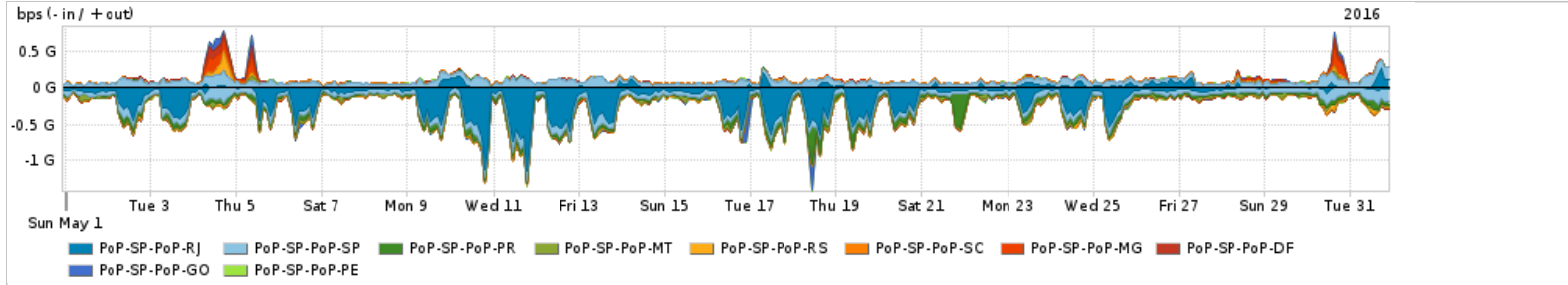
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	258.11 Mbps	61.51 Mbps	319.62 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	217.32 Mbps	32.46 Mbps	249.78 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	233.46 Mbps	5.03 Mbps	238.49 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	42.23 Mbps	160.07 Mbps	202.29 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	70.17 Mbps	20.84 Mbps	91.00 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	69.65 Mbps	9.96 Mbps	79.61 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	9.10 Mbps	59.29 Mbps	68.39 Mbps
<input type="checkbox"/>	PoP-SP	PRIVATE	65011	22.78 Mbps	45.21 Mbps	67.99 Mbps
<input type="checkbox"/>	PoP-SP	APPLE-AUSTIN	6185	49.35 Mbps	1.29 Mbps	50.64 Mbps
<input type="checkbox"/>	PoP-SP	TASCOM	52871	49.40 Mbps	220.21 Kbps	49.62 Mbps

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

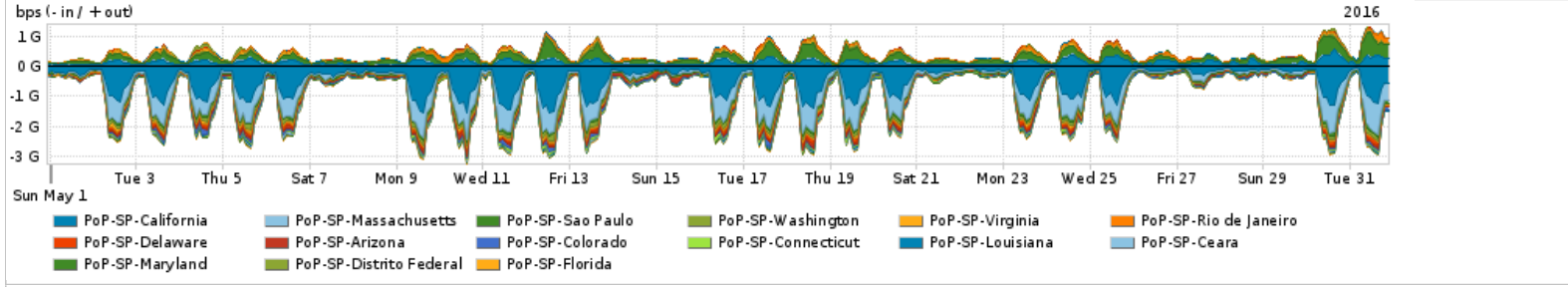


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-RJ	153.86 Mbps	15.92 Mbps	169.78 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SP	70.95 Mbps	70.95 Mbps	141.90 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	40.73 Mbps	263.24 Kbps	40.99 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	15.11 Mbps	646.02 Kbps	15.75 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	10.43 Mbps	3.49 Mbps	13.92 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SC	3.63 Mbps	8.32 Mbps	11.95 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	3.15 Mbps	8.63 Mbps	11.78 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	2.66 Mbps	5.75 Mbps	8.41 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	4.82 Mbps	2.96 Mbps	7.78 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-PE	2.13 Mbps	1.72 Mbps	3.85 Mbps

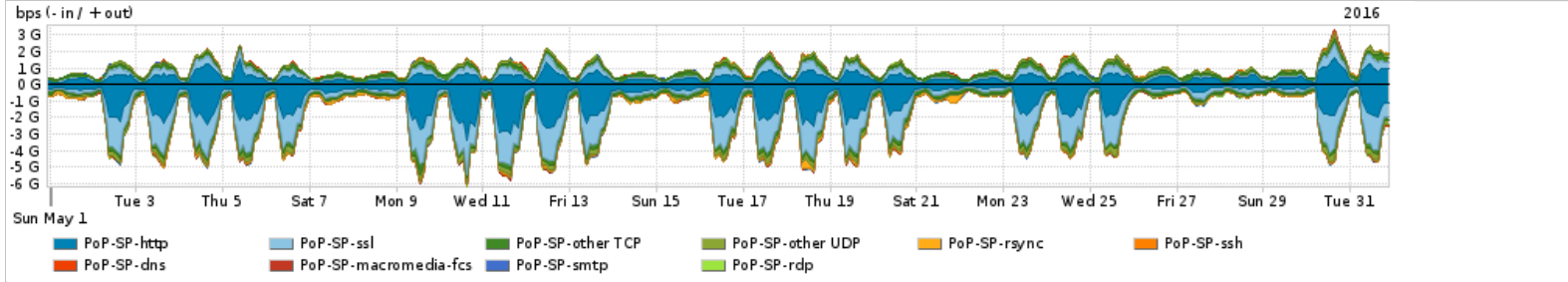
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	475.25 Mbps	112.47 Mbps	587.72 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	274.06 Mbps	7.46 Mbps	281.52 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	56.18 Mbps	167.32 Mbps	223.50 Mbps
<input type="checkbox"/>	PoP-SP	Washington	44.66 Mbps	11.10 Mbps	55.76 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	24.93 Mbps	25.52 Mbps	50.45 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	9.34 Mbps	36.81 Mbps	46.15 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	35.56 Mbps	6.30 Mbps	41.86 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	37.54 Mbps	985.08 Kbps	38.52 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	34.81 Mbps	898.22 Kbps	35.71 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	27.13 Mbps	505.48 Kbps	27.63 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	20.02 Mbps	7.53 Mbps	27.55 Mbps
<input type="checkbox"/>	PoP-SP	Ceara	17.52 Mbps	1.56 Mbps	19.07 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	18.23 Mbps	342.59 Kbps	18.58 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	8.80 Mbps	7.93 Mbps	16.73 Mbps
<input type="checkbox"/>	PoP-SP	Florida	13.57 Mbps	1.39 Mbps	14.96 Mbps

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

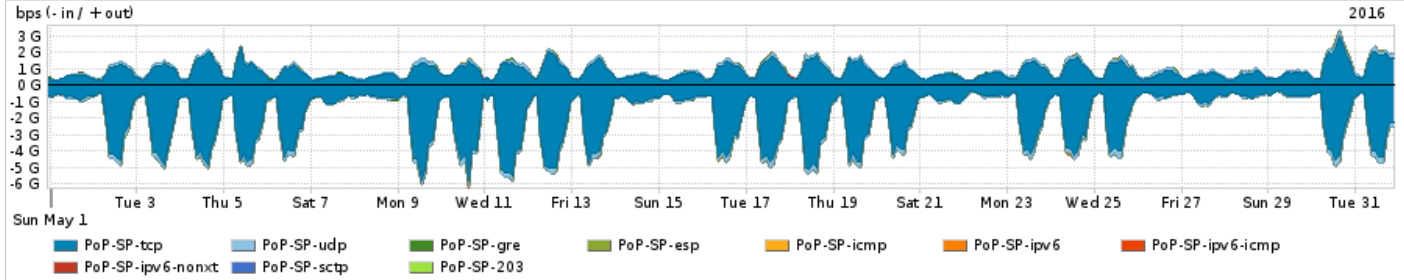


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	884.03 Mbps	399.67 Mbps	1.28 Gbps
<input type="checkbox"/>	PoP-SP	ssl	700.05 Mbps	191.74 Mbps	891.80 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	other TCP	208.04 Mbps	210.27 Mbps	418.31 Mbps
<input type="checkbox"/>	PoP-SP	other UDP	139.45 Mbps	103.33 Mbps	242.78 Mbps
<input type="checkbox"/>	PoP-SP	rsync	82.44 Mbps	2.13 Mbps	84.57 Mbps
<input type="checkbox"/>	PoP-SP	ssh	9.49 Mbps	9.88 Mbps	19.37 Mbps
<input type="checkbox"/>	PoP-SP	dns	5.14 Mbps	10.78 Mbps	15.92 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	12.34 Mbps	1.28 Mbps	13.62 Mbps
<input type="checkbox"/>	PoP-SP	smtp	7.13 Mbps	4.06 Mbps	11.20 Mbps
<input type="checkbox"/>	PoP-SP	rdp	3.24 Mbps	3.14 Mbps	6.38 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	tcp	1.92 Gbps	836.63 Mbps	2.75 Gbps
<input type="checkbox"/>	PoP-SP	udp	146.35 Mbps	111.23 Mbps	257.58 Mbps
<input type="checkbox"/>	PoP-SP	gre	1.55 Mbps	6.47 Mbps	8.02 Mbps
<input type="checkbox"/>	PoP-SP	esp	1.43 Mbps	3.00 Mbps	4.43 Mbps
<input type="checkbox"/>	PoP-SP	icmp	625.98 Kbps	1.28 Mbps	1.91 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	99.13 Kbps	78.95 Kbps	178.08 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	24.88 Kbps	9.34 Kbps	34.22 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	2.00 bps	0.00 bps	2.00 bps
<input type="checkbox"/>	PoP-SP	203	1.00 bps	0.00 bps	1.00 bps
<input type="checkbox"/>	PoP-SP	sctp	1.00 bps	0.00 bps	1.00 bps

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