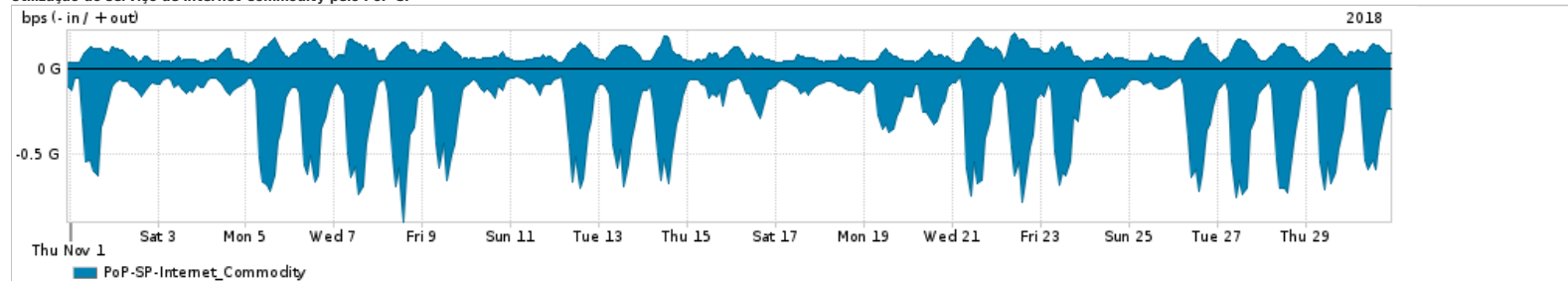


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

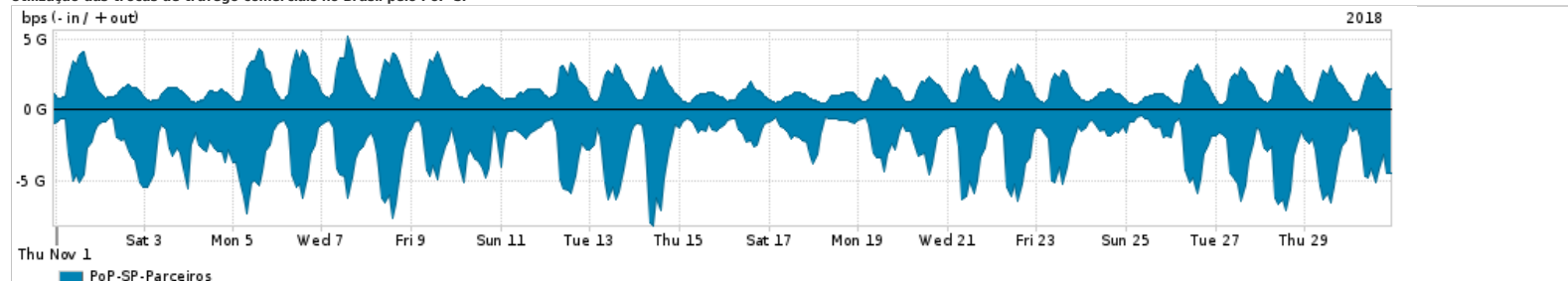
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Internet_Commodity	256.76 Mbps	87.06 Mbps	343.82 Mbps

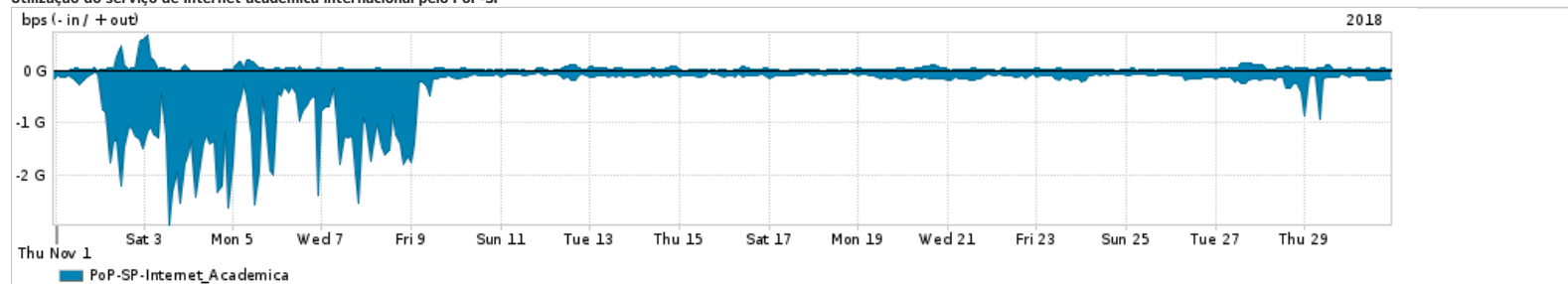
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Parceiros	2.84 Gbps	1.61 Gbps	4.45 Gbps

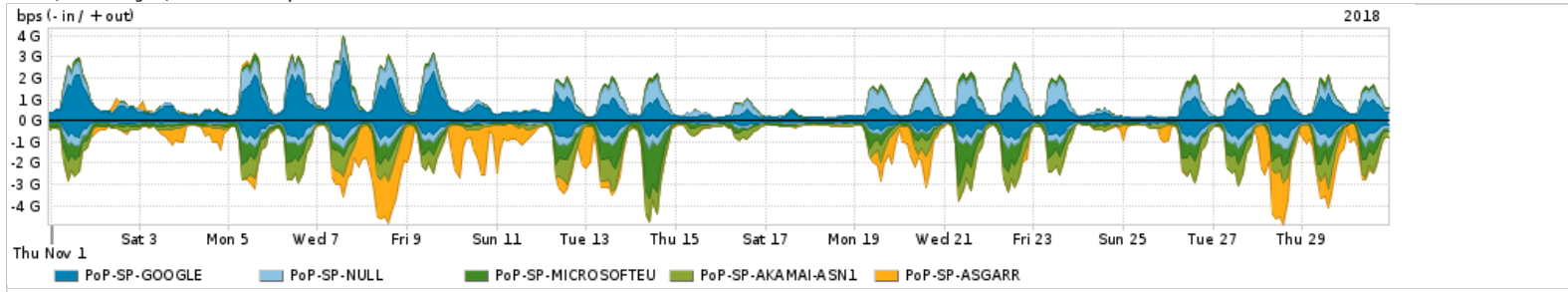
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Internet_Academica	399.55 Mbps	55.57 Mbps	455.12 Mbps

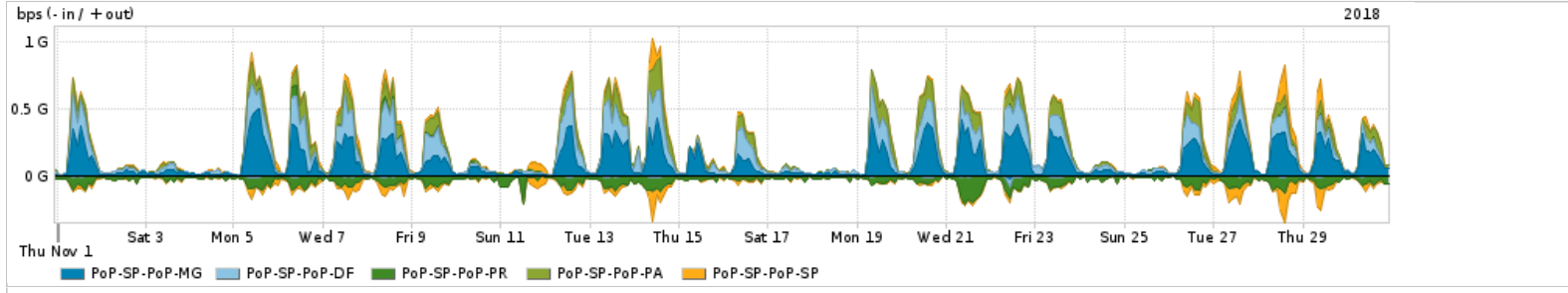
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	247.69 Mbps	554.05 Mbps	801.74 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	135.76 Mbps	279.09 Mbps	414.85 Mbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	299.56 Mbps	64.55 Mbps	364.11 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	342.23 Mbps	6.53 Mbps	348.76 Mbps
<input checked="" type="checkbox"/>	PoP-SP	ASGARR	137	338.55 Mbps	5.86 Mbps	344.41 Mbps
<input type="checkbox"/>	PoP-SP	CLARO	28573	44.70 Mbps	200.15 Mbps	244.85 Mbps
<input type="checkbox"/>	PoP-SP	SWITCH	559	153.75 Mbps	189.24 Kbps	153.93 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFT-CORP-MSN-AS-BLOCK	8075	53.21 Mbps	79.54 Mbps	132.75 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	112.14 Mbps	3.73 Mbps	115.87 Mbps
<input type="checkbox"/>	PoP-SP	PIC	43115	111.82 Mbps	2.19 Mbps	114.01 Mbps

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

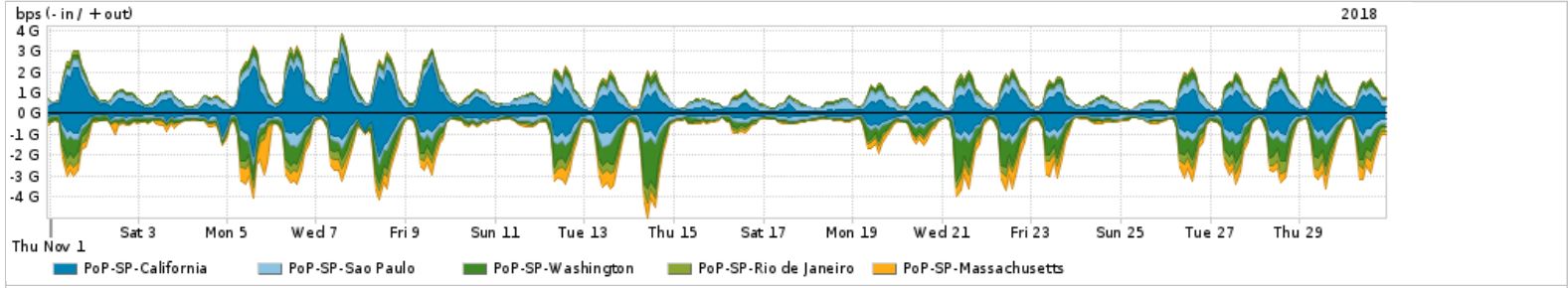


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	1.89 Mbps	101.01 Mbps	102.90 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	1.59 Mbps	67.71 Mbps	69.30 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	42.04 Mbps	1.73 Mbps	43.77 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PA	718.09 Kbps	41.39 Mbps	42.11 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	15.76 Mbps	15.76 Mbps	31.53 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	447.21 Kbps	29.31 Mbps	29.75 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	808.50 Kbps	27.47 Mbps	28.28 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	18.30 Mbps	7.22 Mbps	25.52 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PE	366.76 Kbps	20.70 Mbps	21.07 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-MA	294.29 Kbps	15.23 Mbps	15.53 Mbps

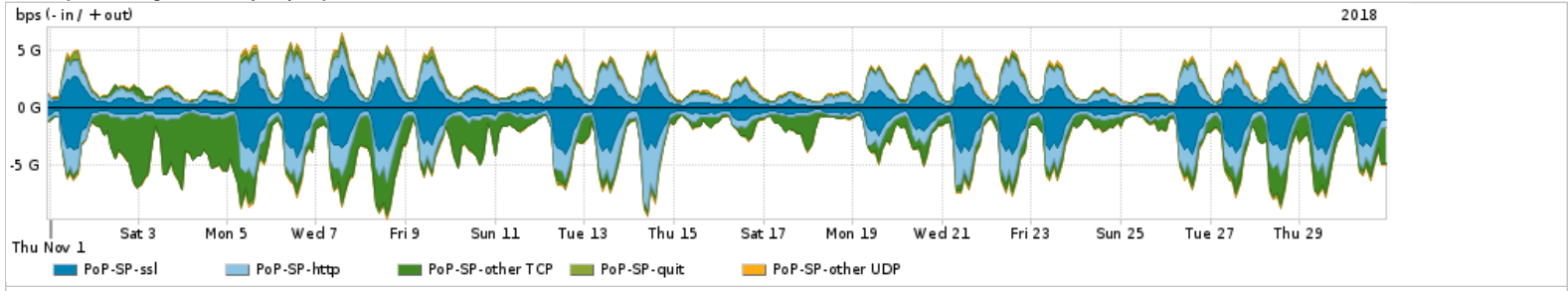
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	357.88 Mbps	549.81 Mbps	907.68 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	181.30 Mbps	274.06 Mbps	455.36 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	342.16 Mbps	99.12 Mbps	441.28 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	158.39 Mbps	72.03 Mbps	230.41 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	206.52 Mbps	11.50 Mbps	218.02 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	113.76 Mbps	75.25 Mbps	189.01 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	10.33 Mbps	120.85 Mbps	131.19 Mbps
<input type="checkbox"/>	PoP-SP	Nebraska	105.62 Mbps	34.02 Kbps	105.65 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	6.01 Mbps	78.11 Mbps	84.12 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	9.31 Mbps	56.98 Mbps	66.29 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	48.02 Mbps	1.31 Mbps	49.33 Mbps
<input type="checkbox"/>	PoP-SP	Illinois	42.74 Mbps	1.41 Mbps	44.15 Mbps
<input type="checkbox"/>	PoP-SP	Parana	10.73 Mbps	30.07 Mbps	40.80 Mbps
<input type="checkbox"/>	PoP-SP	Goias	2.60 Mbps	37.58 Mbps	40.18 Mbps
<input type="checkbox"/>	PoP-SP	Pernambuco	5.11 Mbps	28.73 Mbps	33.84 Mbps

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

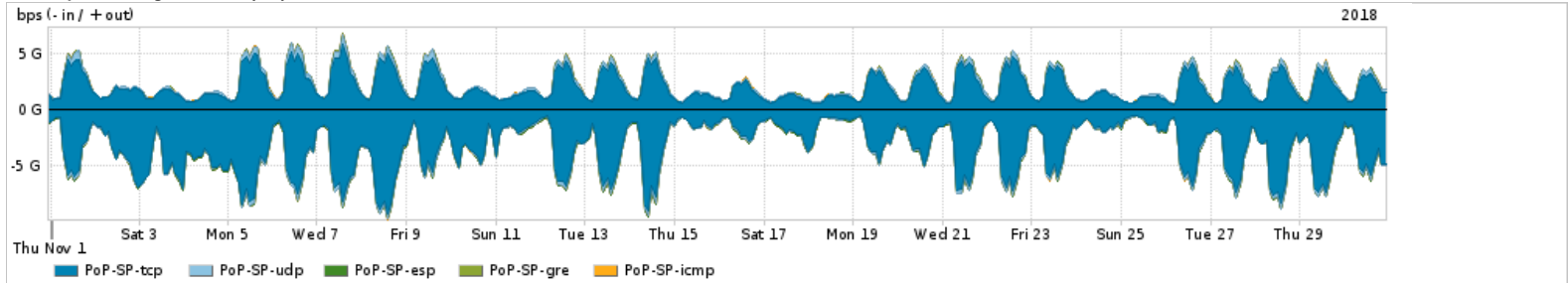


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.30 Gbps	888.57 Mbps	2.19 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	880.65 Mbps	840.39 Mbps	1.72 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	1.25 Gbps	145.67 Mbps	1.40 Gbps
<input checked="" type="checkbox"/>	PoP-SP	quit	69.27 Mbps	109.17 Mbps	178.44 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	67.21 Mbps	110.41 Mbps	177.62 Mbps
<input type="checkbox"/>	PoP-SP	ssh	20.86 Mbps	26.11 Mbps	46.97 Mbps
<input type="checkbox"/>	PoP-SP	rsync	16.58 Mbps	13.80 Mbps	30.38 Mbps
<input type="checkbox"/>	PoP-SP	smtp	3.52 Mbps	8.94 Mbps	12.47 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	1.09 Mbps	6.71 Mbps	7.80 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.03 Mbps	3.12 Mbps	7.14 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	3.49 Gbps	1.94 Gbps	5.42 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	147.41 Mbps	230.26 Mbps	377.67 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	46.86 Mbps	7.37 Mbps	54.23 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	3.94 Mbps	17.42 Mbps	21.35 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	5.12 Mbps	6.76 Mbps	11.87 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	174.69 Kbps	223.44 Kbps	398.14 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	43.71 Kbps	81.36 Kbps	125.06 Kbps
<input type="checkbox"/>	PoP-SP	ipcomp	1.00 bps	0.00 bps	1.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	1.00 bps	0.00 bps	1.00 bps
<input type="checkbox"/>	PoP-SP	199	0.00 bps	0.00 bps	0.00 bps

For assistance with this product, please contact support at <https://support.arbornetworks.com>