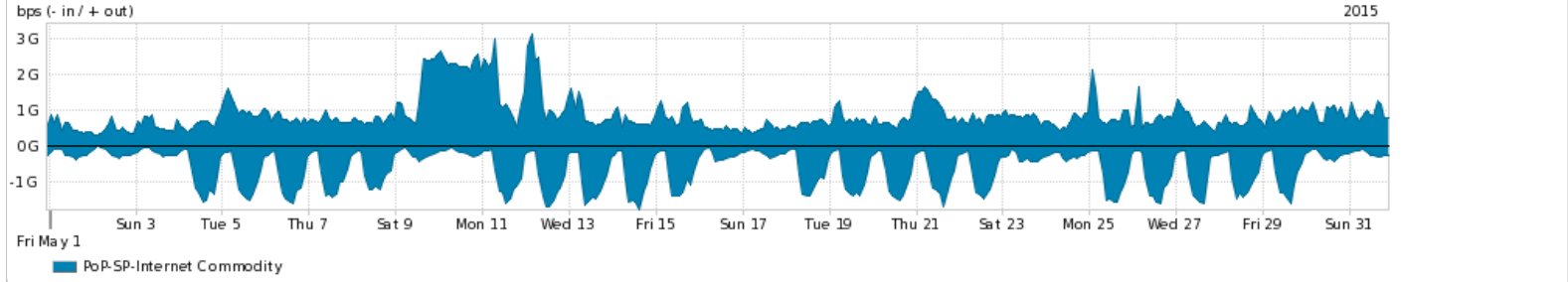


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

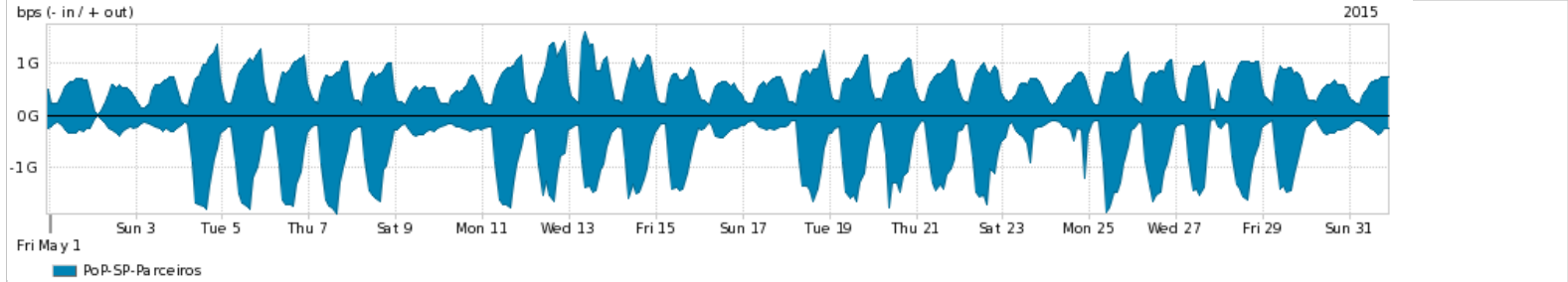
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Commodity	645.57 Mbps	860.84 Mbps	1.51 Gbps

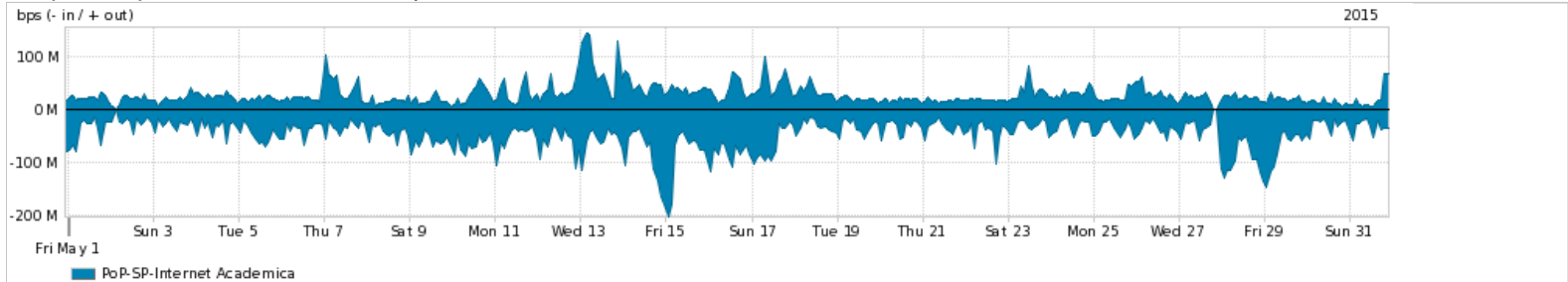
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	667.45 Mbps	619.03 Mbps	1.29 Gbps

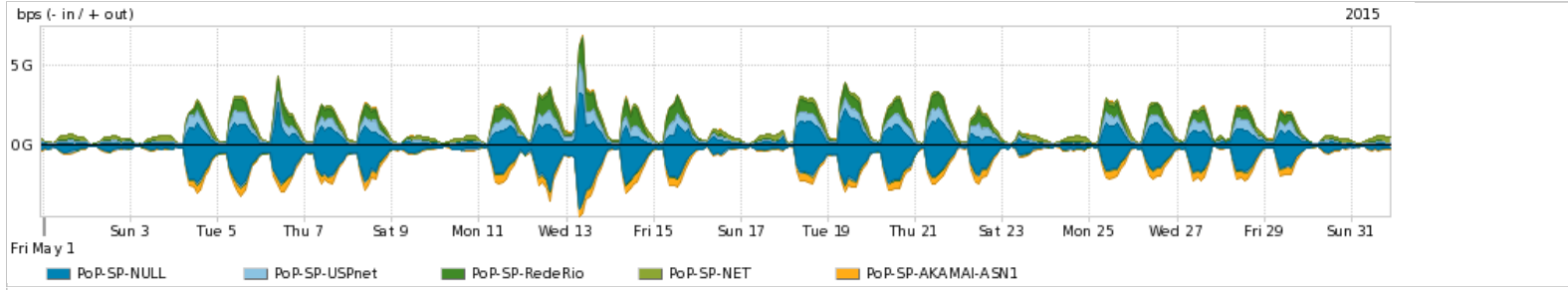
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Acadêmica	47.42 Mbps	28.19 Mbps	75.61 Mbps

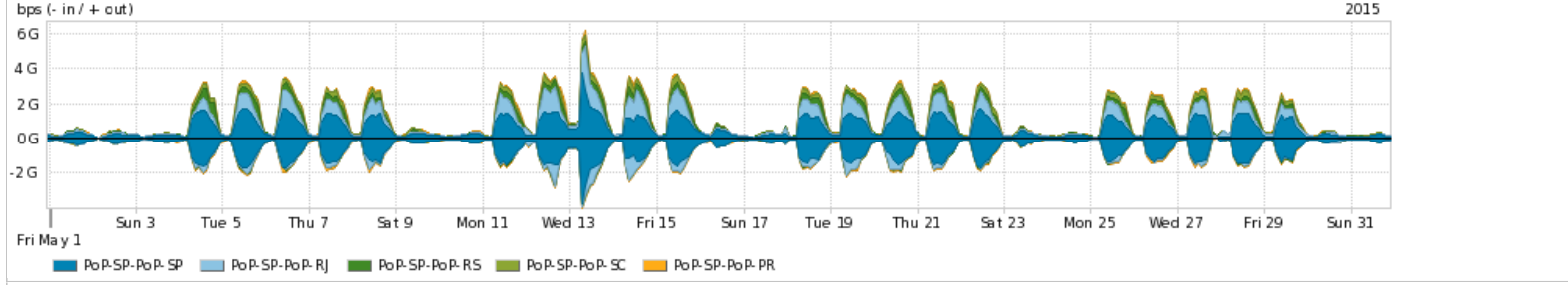
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	777.48 Mbps	467.84 Mbps	1.25 Gbps
<input checked="" type="checkbox"/>	PoP-SP	USPnet	28571	18.01 Mbps	277.76 Mbps	295.77 Mbps
<input checked="" type="checkbox"/>	PoP-SP	RedeRio	2715	11.83 Mbps	254.95 Mbps	266.78 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NET	28573	28.46 Mbps	184.84 Mbps	213.31 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	169.71 Mbps	7.96 Mbps	177.67 Mbps
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	78.64 Mbps	29.72 Mbps	108.36 Mbps
<input type="checkbox"/>	PoP-SP	NTT-COMMUNICATIONS-2914	2914	101.91 Mbps	2.08 Mbps	103.99 Mbps
<input type="checkbox"/>	PoP-SP	ATHEEB	47794	19.00 bps	96.26 Mbps	96.26 Mbps
<input type="checkbox"/>	PoP-SP	UNIVERSIDADE	53166	7.16 Mbps	84.09 Mbps	91.25 Mbps
<input type="checkbox"/>	PoP-SP	HWNG	12989	87.21 Mbps	1.17 Mbps	88.38 Mbps

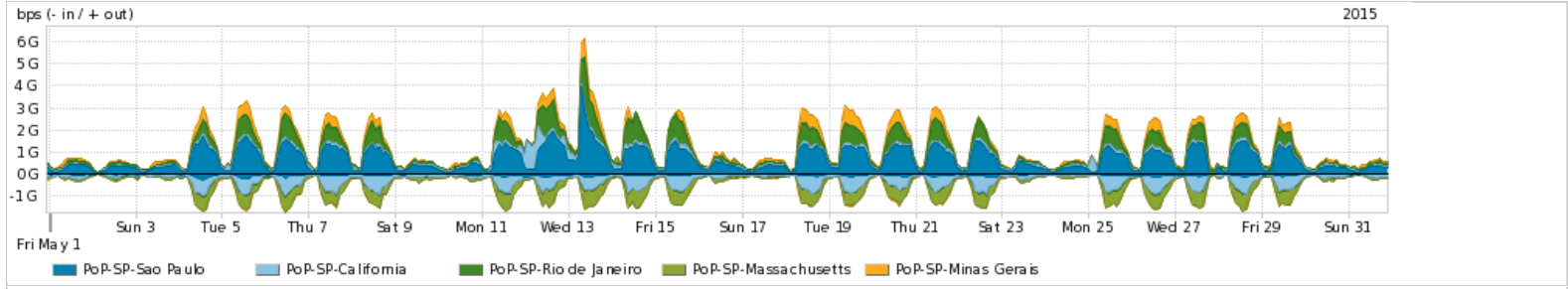
Interesse de tráfego do PoP-SP com os outros PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	585.47 Mbps	585.47 Mbps	1.17 Gbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RJ	84.90 Mbps	314.49 Mbps	399.39 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	6.91 Mbps	145.44 Mbps	152.34 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SC	5.23 Mbps	129.77 Mbps	134.99 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	37.10 Mbps	38.64 Mbps	75.75 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	2.97 Mbps	52.04 Mbps	55.01 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	7.86 Mbps	12.19 Mbps	20.05 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	15.08 Mbps	3.79 Mbps	18.88 Mbps
<input type="checkbox"/>	PoP-SP	PoP-ES	642.77 Kbps	13.22 Mbps	13.86 Mbps
<input type="checkbox"/>	PoP-SP	PoP-CE	706.95 Kbps	7.35 Mbps	8.06 Mbps

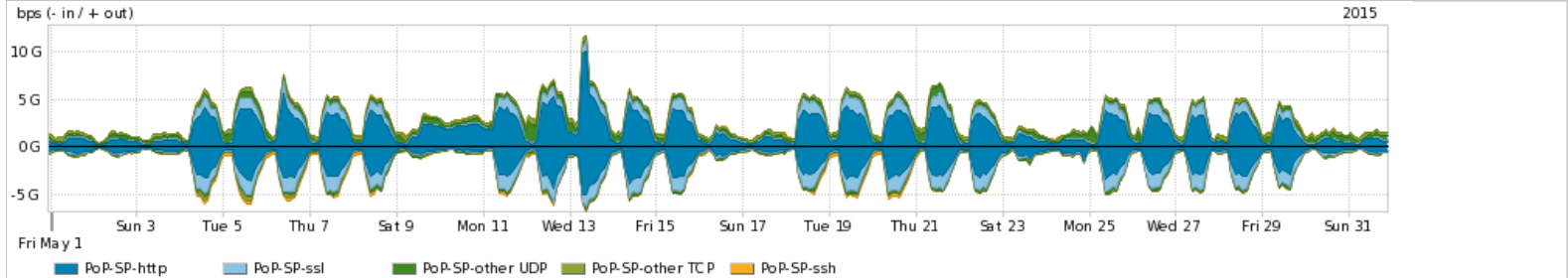
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	61.39 Mbps	643.30 Mbps	704.69 Mbps
<input checked="" type="checkbox"/>	PoP-SP	California	267.25 Mbps	101.46 Mbps	368.71 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	19.45 Mbps	312.20 Mbps	331.65 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	246.35 Mbps	26.37 Mbps	272.72 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Minas Gerais	8.00 Mbps	165.86 Mbps	173.86 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	123.63 Mbps	3.26 Mbps	126.90 Mbps
<input type="checkbox"/>	PoP-SP	Ar Riyad	100.69 Kbps	96.79 Mbps	96.89 Mbps
<input type="checkbox"/>	PoP-SP	Santa Catarina	4.13 Mbps	82.22 Mbps	86.36 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	6.34 Mbps	73.44 Mbps	79.78 Mbps
<input type="checkbox"/>	PoP-SP	Washington	59.42 Mbps	12.09 Mbps	71.51 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	41.81 Mbps	19.30 Mbps	61.11 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso	36.19 Mbps	20.03 Mbps	56.21 Mbps
<input type="checkbox"/>	PoP-SP	Texas	30.02 Mbps	21.49 Mbps	51.51 Mbps
<input type="checkbox"/>	PoP-SP	New Jersey	26.71 Mbps	11.15 Mbps	37.86 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	25.79 Mbps	11.29 Mbps	37.08 Mbps

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

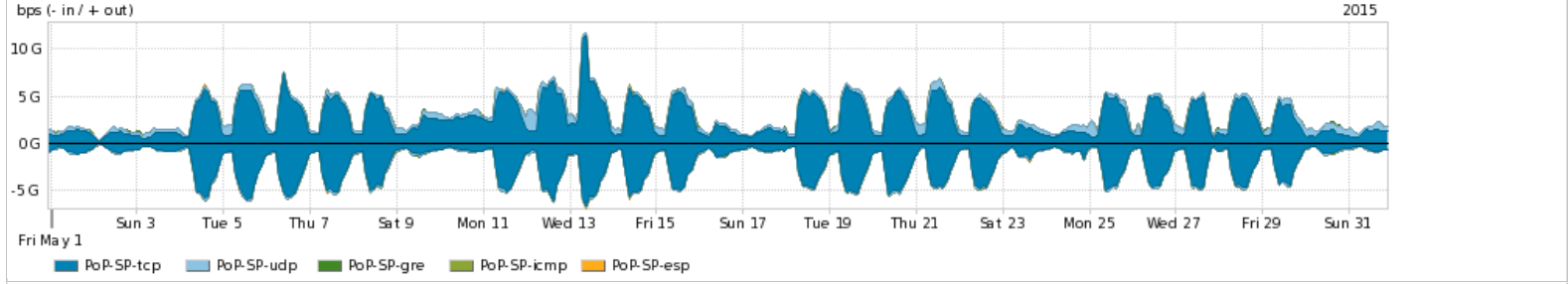


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	http	1.27 Gbps	1.79 Gbps	3.06 Gbps
<input checked="" type="checkbox"/>	PoP-SP	ssl	548.27 Mbps	430.67 Mbps	978.94 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	114.66 Mbps	396.14 Mbps	510.81 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other TCP	125.98 Mbps	307.79 Mbps	433.76 Mbps
<input checked="" type="checkbox"/>	PoP-SP	ssh	77.59 Mbps	20.40 Mbps	97.99 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	dns	4.64 Mbps	69.11 Mbps	73.75 Mbps
<input type="checkbox"/>	PoP-SP	rsync	61.82 Mbps	4.94 Mbps	66.76 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	12.00 Mbps	22.96 Mbps	34.97 Mbps
<input type="checkbox"/>	PoP-SP	rip	1.81 Kbps	26.67 Mbps	26.68 Mbps
<input type="checkbox"/>	PoP-SP	rdp	317.43 Kbps	21.50 Mbps	21.81 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.11 Gbps	2.62 Gbps	4.73 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	120.05 Mbps	487.20 Mbps	607.25 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	793.38 Kbps	6.06 Mbps	6.86 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	2.50 Mbps	3.14 Mbps	5.64 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	1.27 Mbps	543.05 Kbps	1.82 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	208.97 Kbps	1.42 Mbps	1.63 Mbps
<input type="checkbox"/>	PoP-SP	pim	216.81 Kbps	1.00 Kbps	217.81 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	49.04 Kbps	4.26 Kbps	53.30 Kbps
<input type="checkbox"/>	PoP-SP	rsvp	18.00 bps	2.00 bps	20.00 bps
<input type="checkbox"/>	PoP-SP	222	7.00 bps	0.00 bps	7.00 bps

For assistance with this product, please contact [support@arbornetworks.com](mailto:support@arbornetworks.com).