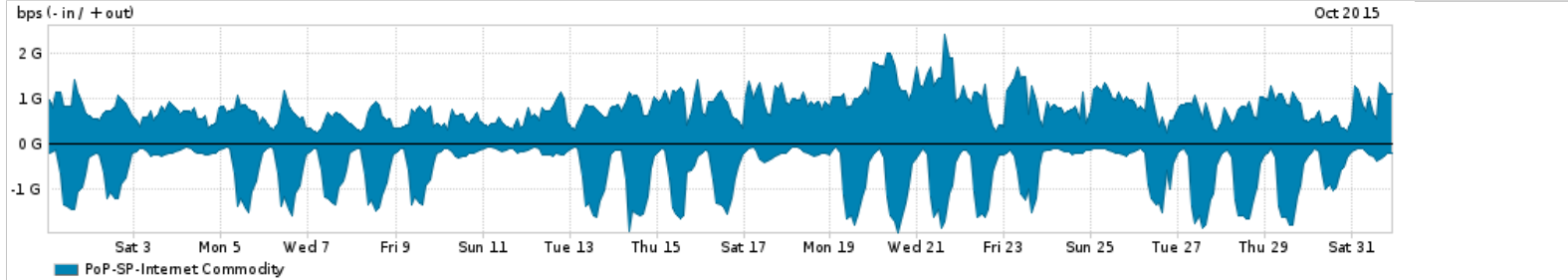


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

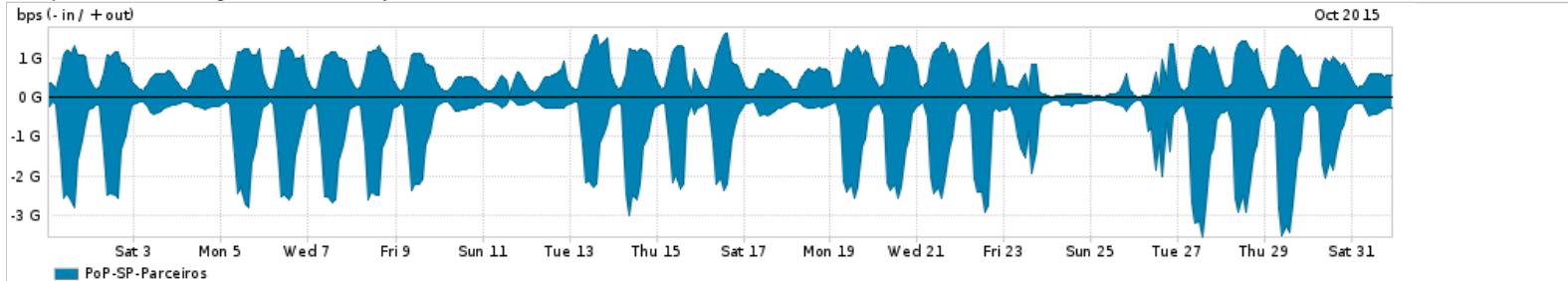
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	597.57 Mbps	831.96 Mbps	1.43 Gbps

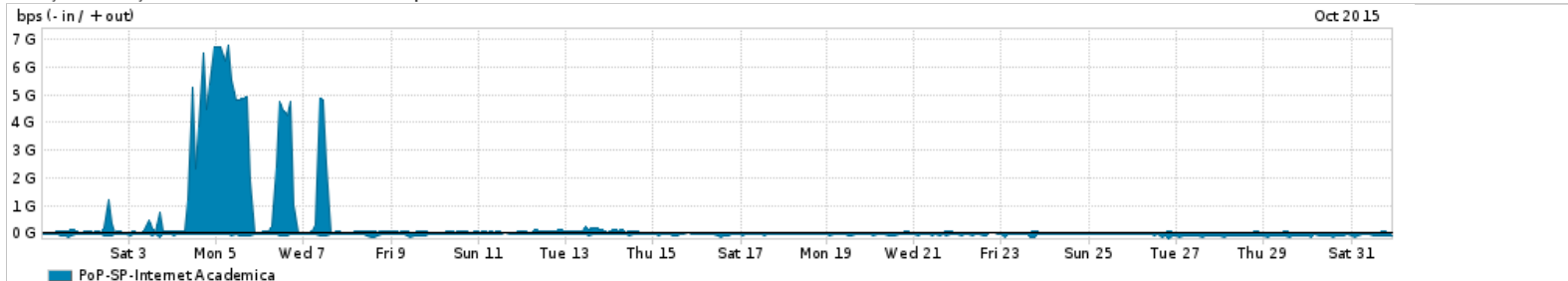
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	911.79 Mbps	647.42 Mbps	1.56 Gbps

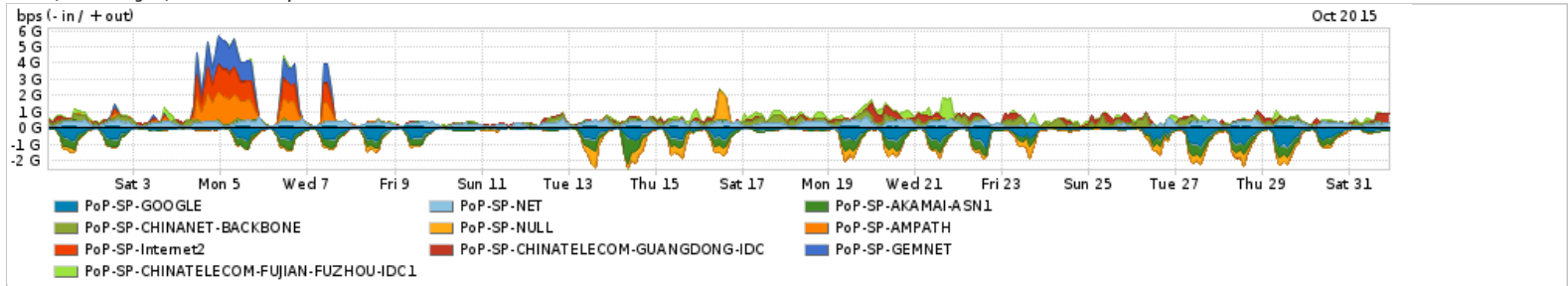
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Academica	61.54 Mbps	372.89 Mbps	434.44 Mbps

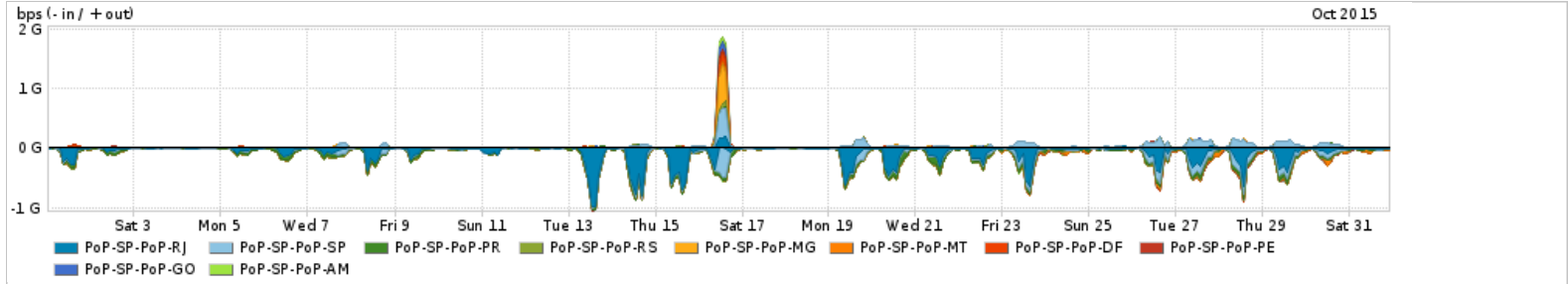
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL
PoP-SP	GOOGLE	15169	248.41 Mbps	30.39 Mbps	278.80 Mbps
PoP-SP	NET	28573	30.17 Mbps	221.18 Mbps	251.35 Mbps
PoP-SP	AKAMAI-ASN1	20940	182.62 Mbps	6.81 Mbps	189.43 Mbps
PoP-SP	CHINANET-BACKBONE	4134	496.52 Kbps	127.40 Mbps	127.89 Mbps
PoP-SP	NULL	0	101.55 Mbps	13.82 Mbps	115.37 Mbps
PoP-SP	AMPATH	20080	10.87 Mbps	91.15 Mbps	102.02 Mbps
PoP-SP	Internet2	11537	939.00 bps	84.80 Mbps	84.80 Mbps
PoP-SP	CHINATELECOM-GUANGDONG-IDC	58543	28.86 Kbps	84.02 Mbps	84.05 Mbps
PoP-SP	GEMNET	23796	224.31 Kbps	83.36 Mbps	83.59 Mbps
PoP-SP	CHINATELECOM-FUJIAN-FUZHOU-IDC1	133774	5.18 Kbps	82.45 Mbps	82.46 Mbps

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

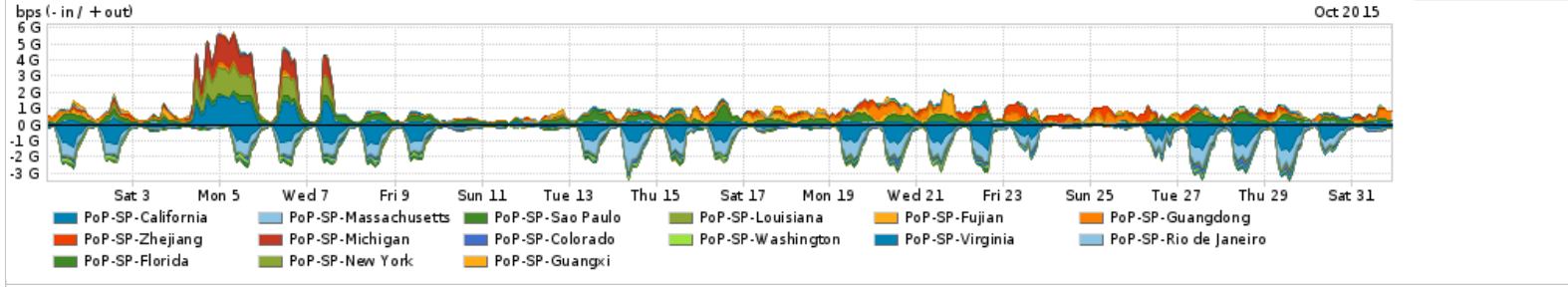


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
PoP-SP	PoP-RJ	75.30 Mbps	6.48 Mbps	81.78 Mbps
PoP-SP	PoP-SP	25.13 Mbps	25.13 Mbps	50.26 Mbps
PoP-SP	PoP-PR	26.50 Mbps	418.03 Kbps	26.92 Mbps
PoP-SP	PoP-RS	8.19 Mbps	1.17 Mbps	9.36 Mbps
PoP-SP	PoP-MG	209.16 Kbps	5.18 Mbps	5.39 Mbps
PoP-SP	PoP-MT	4.56 Mbps	595.92 Kbps	5.16 Mbps
PoP-SP	PoP-DF	928.54 Kbps	2.38 Mbps	3.31 Mbps
PoP-SP	PoP-PE	607.95 Kbps	795.71 Kbps	1.40 Mbps
PoP-SP	PoP-GO	25.16 Kbps	1.27 Mbps	1.29 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-AM	114.77 Kbps	925.12 Kbps	1.04 Mbps

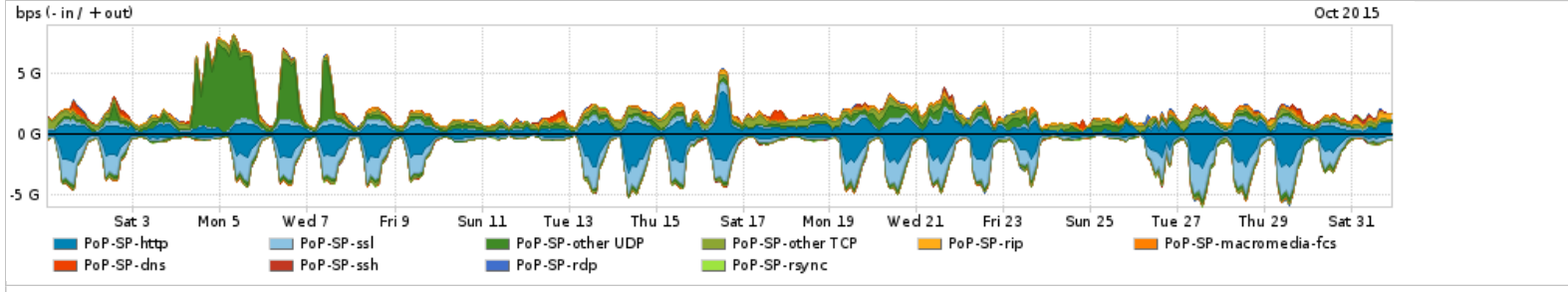
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	391.19 Mbps	148.18 Mbps	539.37 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	280.10 Mbps	18.46 Mbps	298.56 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	36.24 Mbps	214.85 Mbps	251.10 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	10.90 Mbps	91.18 Mbps	102.07 Mbps
<input type="checkbox"/>	PoP-SP	Fujian	20.61 Kbps	101.19 Mbps	101.21 Mbps
<input type="checkbox"/>	PoP-SP	Guangdong	219.24 Kbps	91.90 Mbps	92.11 Mbps
<input type="checkbox"/>	PoP-SP	Zhejiang	198.75 Kbps	90.05 Mbps	90.25 Mbps
<input type="checkbox"/>	PoP-SP	Michigan	286.13 Kbps	84.88 Mbps	85.17 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	67.65 Mbps	1.54 Mbps	69.18 Mbps
<input type="checkbox"/>	PoP-SP	Washington	48.73 Mbps	12.55 Mbps	61.28 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	32.73 Mbps	19.21 Mbps	51.94 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	9.48 Mbps	38.99 Mbps	48.47 Mbps
<input type="checkbox"/>	PoP-SP	Florida	30.33 Mbps	6.96 Mbps	37.29 Mbps
<input type="checkbox"/>	PoP-SP	New York	19.73 Mbps	6.07 Mbps	25.80 Mbps
<input type="checkbox"/>	PoP-SP	Guangxi	53.18 Kbps	21.74 Mbps	21.80 Mbps

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

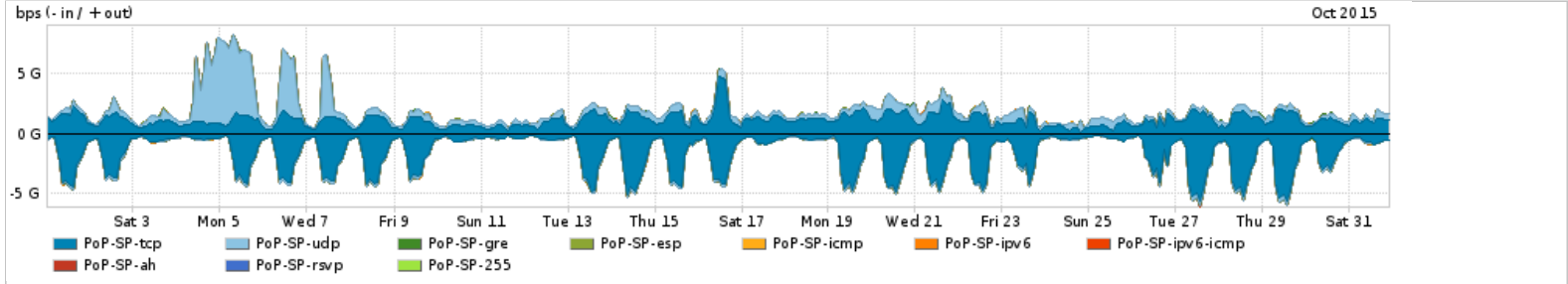


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	793.99 Mbps	528.35 Mbps	1.32 Gbps
<input type="checkbox"/>	PoP-SP	ssl	639.74 Mbps	153.77 Mbps	793.51 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		other UDP	108.09 Mbps	599.60 Mbps	707.69 Mbps
<input type="checkbox"/>	PoP-SP		other TCP	109.63 Mbps	305.46 Mbps	415.09 Mbps
<input type="checkbox"/>	PoP-SP		rip	3.08 Kbps	137.65 Mbps	137.66 Mbps
<input type="checkbox"/>	PoP-SP		macromedia-fcs	15.25 Mbps	51.14 Mbps	66.39 Mbps
<input type="checkbox"/>	PoP-SP		dns	4.42 Mbps	46.02 Mbps	50.45 Mbps
<input type="checkbox"/>	PoP-SP		ssh	9.20 Mbps	26.63 Mbps	35.83 Mbps
<input type="checkbox"/>	PoP-SP		rdp	2.70 Mbps	17.95 Mbps	20.66 Mbps
<input type="checkbox"/>	PoP-SP		rsync	13.64 Mbps	3.39 Mbps	17.02 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		tcp	1.60 Gbps	1.14 Gbps	2.74 Gbps
<input type="checkbox"/>	PoP-SP		udp	113.32 Mbps	751.13 Mbps	864.46 Mbps
<input type="checkbox"/>	PoP-SP		gre	1.57 Mbps	7.32 Mbps	8.89 Mbps
<input type="checkbox"/>	PoP-SP		esp	1.21 Mbps	4.35 Mbps	5.56 Mbps
<input type="checkbox"/>	PoP-SP		icmp	2.14 Mbps	2.12 Mbps	4.26 Mbps
<input type="checkbox"/>	PoP-SP		ipv6	487.37 Kbps	1.24 Mbps	1.73 Mbps
<input type="checkbox"/>	PoP-SP		ipv6-icmp	45.07 Kbps	4.06 Kbps	49.12 Kbps
<input type="checkbox"/>	PoP-SP		ah	2.00 bps	71.00 bps	73.00 bps
<input type="checkbox"/>	PoP-SP		rsvp	7.00 bps	0.00 bps	7.00 bps
<input type="checkbox"/>	PoP-SP		255	0.00 bps	2.00 bps	2.00 bps

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