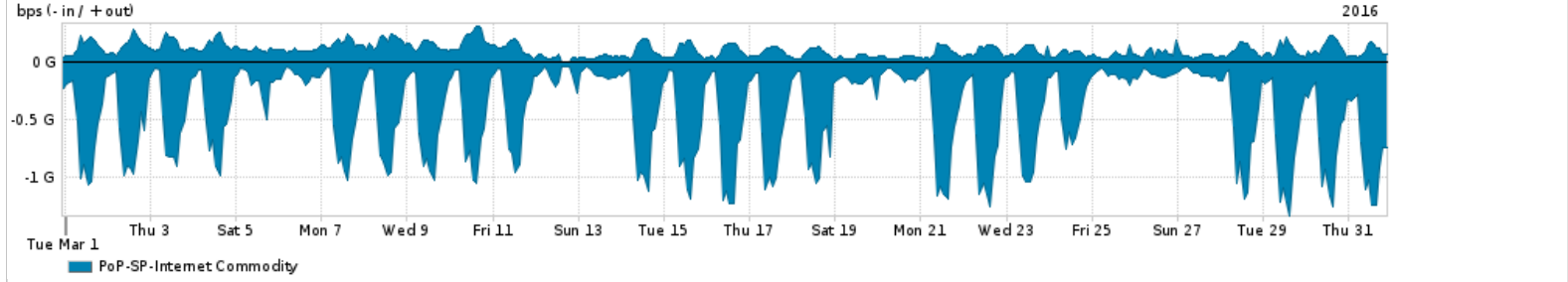


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

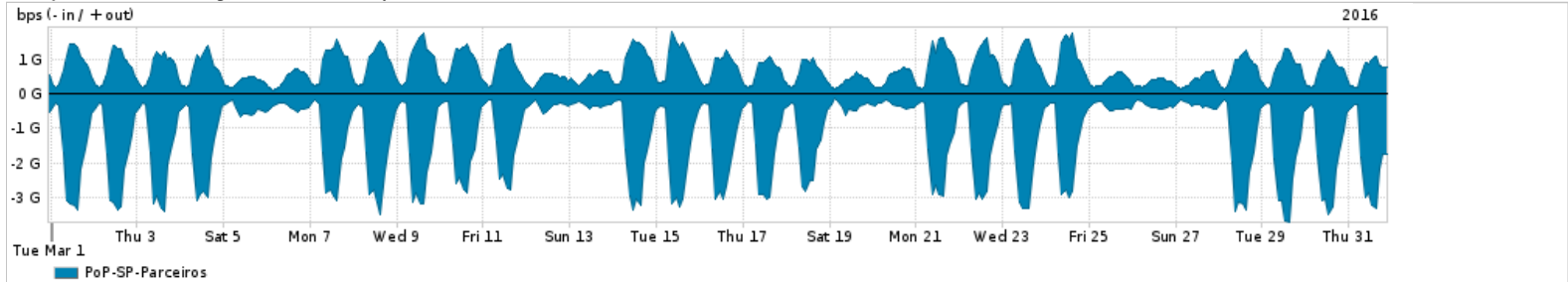
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	429.24 Mbps	106.75 Mbps	536.00 Mbps

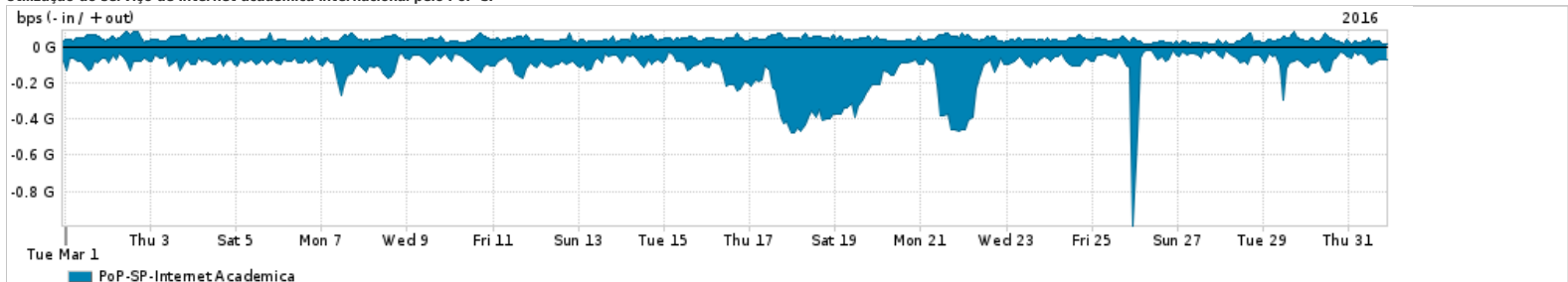
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	1.27 Gbps	717.85 Mbps	1.98 Gbps

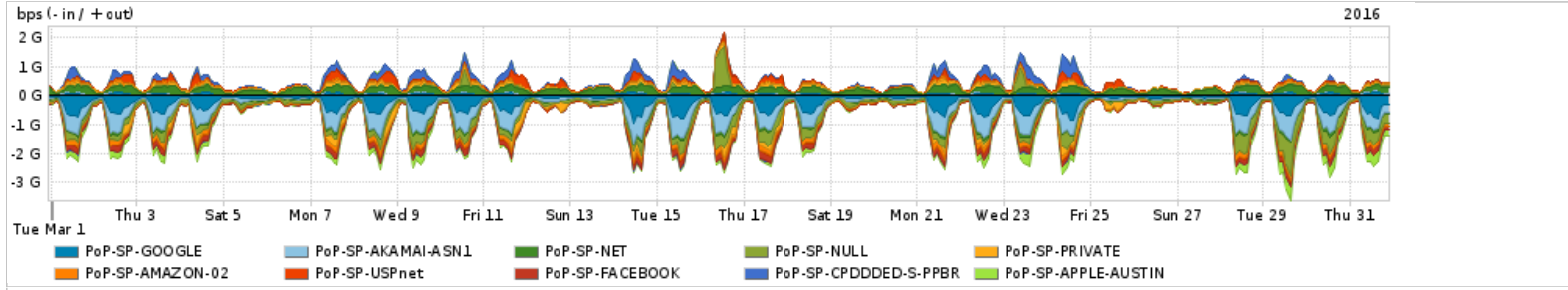
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Acadêmica	124.06 Mbps	40.55 Mbps	164.61 Mbps

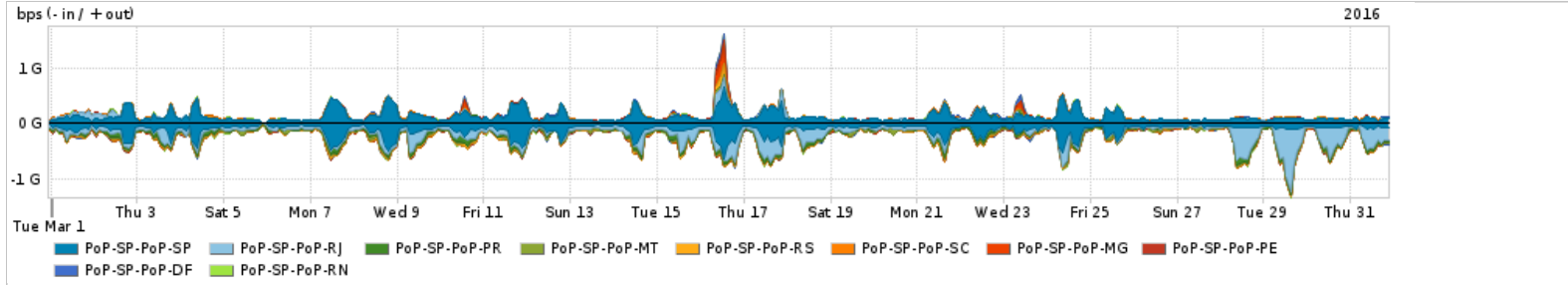
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	239.92 Mbps	40.29 Mbps	280.21 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	239.78 Mbps	4.75 Mbps	244.53 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	40.21 Mbps	163.94 Mbps	204.15 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	165.90 Mbps	29.60 Mbps	195.50 Mbps
<input type="checkbox"/>	PoP-SP	PRIVATE	65011	58.65 Mbps	58.09 Mbps	116.74 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	59.02 Mbps	27.97 Mbps	86.99 Mbps
<input type="checkbox"/>	PoP-SP	USPnet	28571	27.57 Mbps	57.76 Mbps	85.33 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	75.13 Mbps	8.92 Mbps	84.05 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	4.02 Mbps	78.82 Mbps	82.84 Mbps
<input type="checkbox"/>	PoP-SP	APPLE-AUSTIN	6185	77.65 Mbps	1.70 Mbps	79.35 Mbps

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

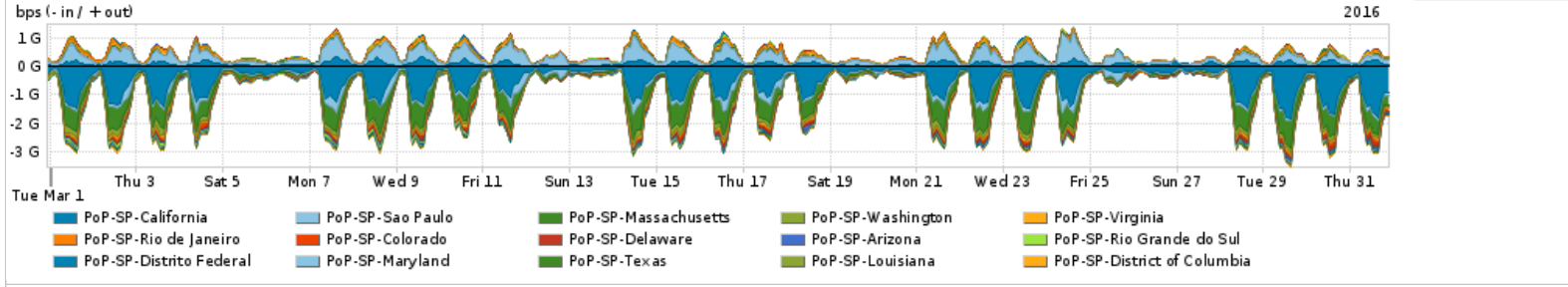


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-SP	120.34 Mbps	120.34 Mbps	240.68 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	96.92 Mbps	7.98 Mbps	104.90 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	27.58 Mbps	355.77 Kbps	27.94 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	15.04 Mbps	879.51 Kbps	15.92 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	12.77 Mbps	2.21 Mbps	14.98 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SC	3.93 Mbps	8.46 Mbps	12.39 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	2.78 Mbps	4.42 Mbps	7.20 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PE	2.51 Mbps	2.97 Mbps	5.48 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	2.03 Mbps	3.39 Mbps	5.42 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-RN	2.07 Mbps	1.73 Mbps	3.81 Mbps

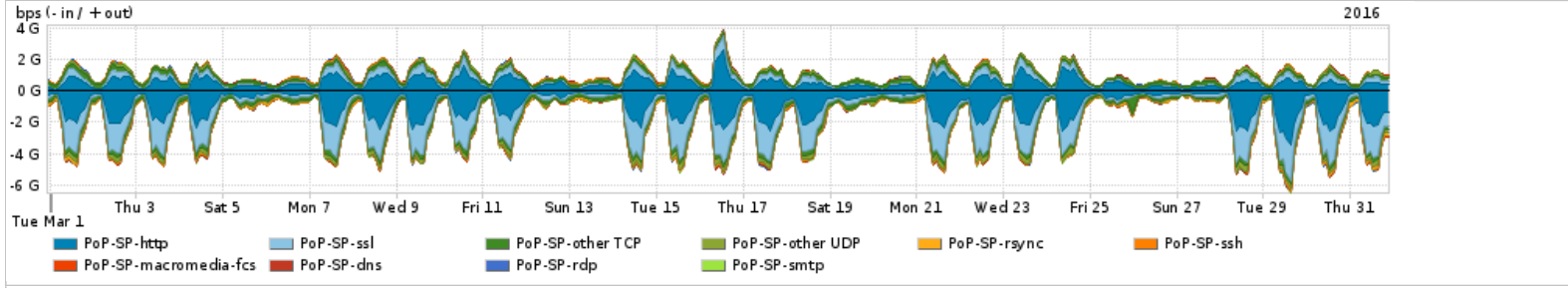
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	511.89 Mbps	89.71 Mbps	601.60 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	95.57 Mbps	244.75 Mbps	340.32 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	290.14 Mbps	7.62 Mbps	297.75 Mbps
<input type="checkbox"/>	PoP-SP	Washington	65.96 Mbps	9.39 Mbps	75.35 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	28.69 Mbps	38.22 Mbps	66.91 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	11.28 Mbps	31.21 Mbps	42.49 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	31.16 Mbps	207.88 Kbps	31.36 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	26.36 Mbps	4.20 Mbps	30.57 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	26.44 Mbps	2.49 Mbps	28.93 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	15.76 Mbps	6.59 Mbps	22.35 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	14.25 Mbps	7.60 Mbps	21.85 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	20.39 Mbps	396.26 Kbps	20.78 Mbps
<input type="checkbox"/>	PoP-SP	Texas	17.38 Mbps	2.73 Mbps	20.11 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	8.69 Mbps	8.46 Mbps	17.15 Mbps
<input type="checkbox"/>	PoP-SP	District of Columbia	16.25 Mbps	545.78 Kbps	16.80 Mbps

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

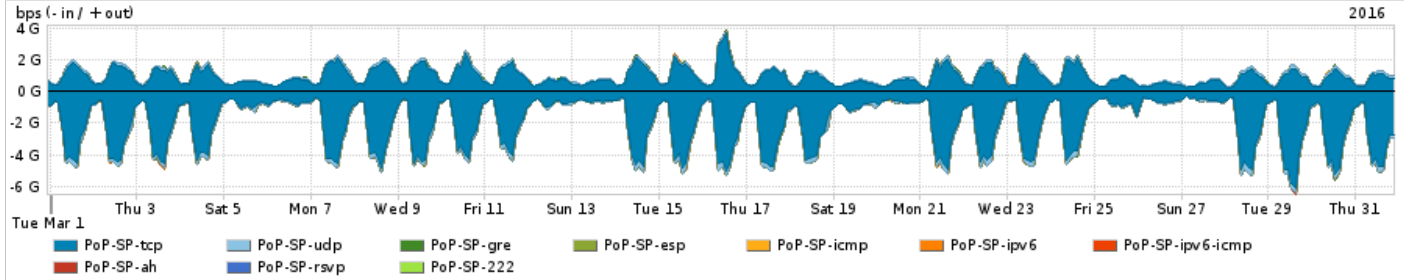


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	903.69 Mbps	478.92 Mbps	1.38 Gbps
<input type="checkbox"/>	PoP-SP	ssl	716.17 Mbps	185.63 Mbps	901.80 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	other TCP	224.37 Mbps	204.03 Mbps	428.40 Mbps
<input type="checkbox"/>	PoP-SP	other UDP	136.27 Mbps	98.37 Mbps	234.64 Mbps
<input type="checkbox"/>	PoP-SP	rsync	75.02 Mbps	2.28 Mbps	77.30 Mbps
<input type="checkbox"/>	PoP-SP	ssh	10.44 Mbps	24.98 Mbps	35.42 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	16.63 Mbps	3.48 Mbps	20.11 Mbps
<input type="checkbox"/>	PoP-SP	dns	6.74 Mbps	12.94 Mbps	19.67 Mbps
<input type="checkbox"/>	PoP-SP	rdp	7.82 Mbps	6.64 Mbps	14.46 Mbps
<input type="checkbox"/>	PoP-SP	smtp	7.35 Mbps	3.64 Mbps	10.99 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	tcp	1.97 Gbps	923.99 Mbps	2.89 Gbps
<input type="checkbox"/>	PoP-SP	udp	145.01 Mbps	104.27 Mbps	249.29 Mbps
<input type="checkbox"/>	PoP-SP	gre	1.28 Mbps	6.70 Mbps	7.98 Mbps
<input type="checkbox"/>	PoP-SP	esp	1.19 Mbps	1.15 Mbps	2.34 Mbps
<input type="checkbox"/>	PoP-SP	icmp	554.70 Kbps	1.14 Mbps	1.69 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	253.71 Kbps	648.13 Kbps	901.84 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	36.08 Kbps	17.96 Kbps	54.04 Kbps
<input type="checkbox"/>	PoP-SP	ah	86.00 bps	7.00 bps	93.00 bps
<input type="checkbox"/>	PoP-SP	rsvp	26.00 bps	0.00 bps	26.00 bps
<input type="checkbox"/>	PoP-SP	222	2.00 bps	0.00 bps	2.00 bps

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