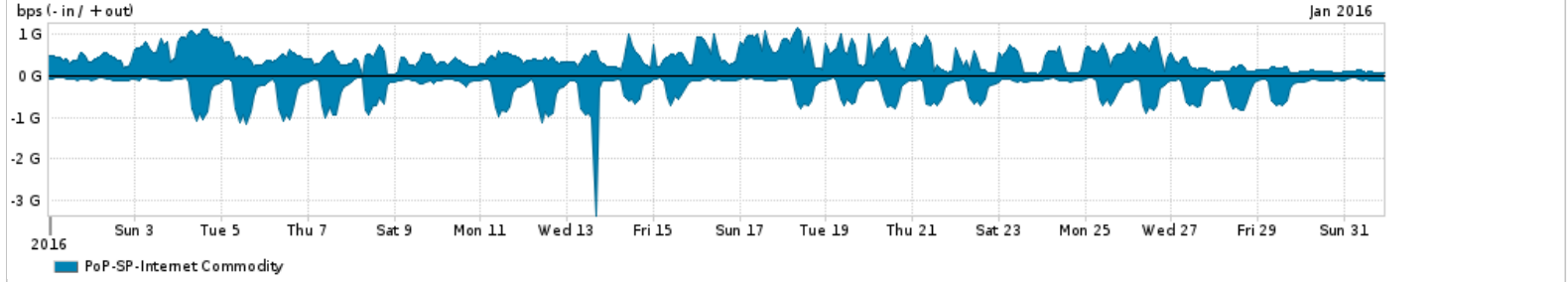


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

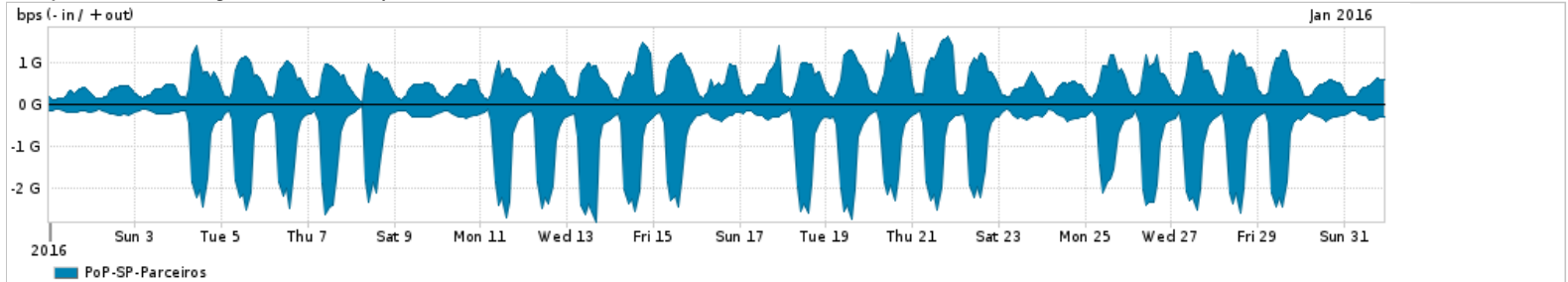
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	308.96 Mbps	440.13 Mbps	749.09 Mbps

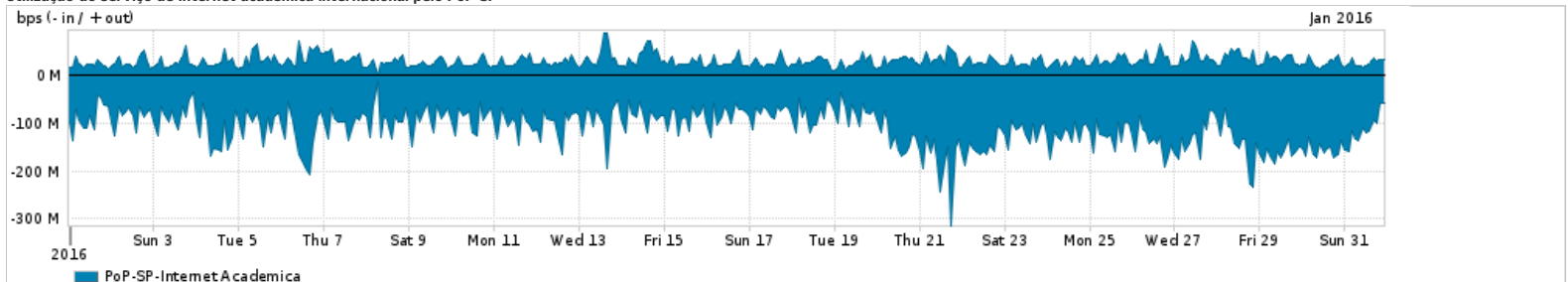
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	807.90 Mbps	583.72 Mbps	1.39 Gbps

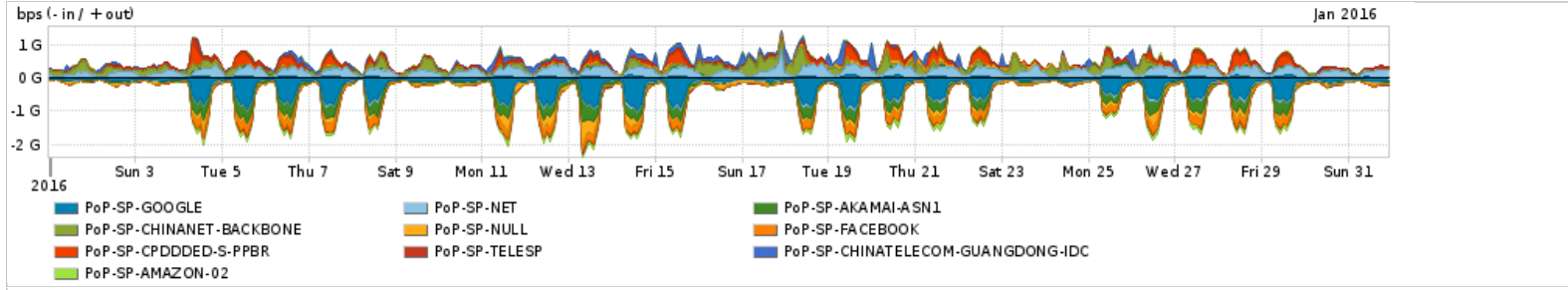
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Acadêmica	109.36 Mbps	30.85 Mbps	140.21 Mbps

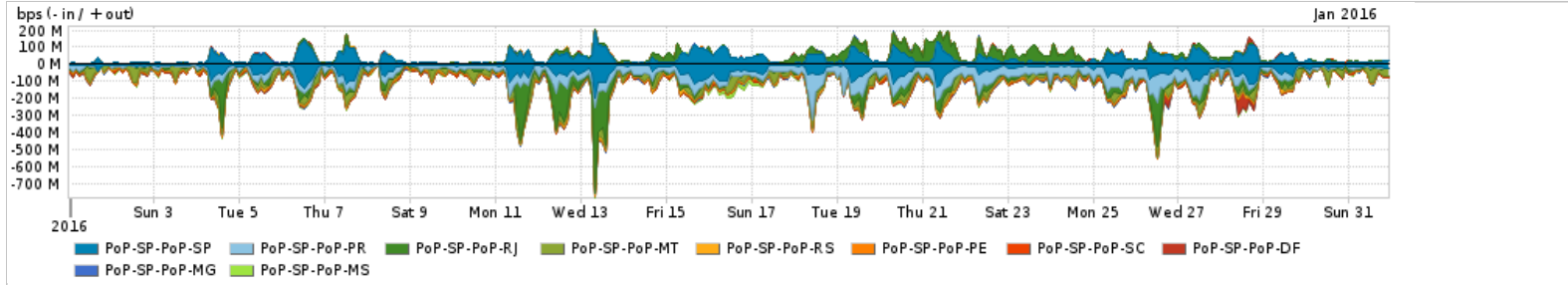
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	235.62 Mbps	22.76 Mbps	258.37 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	26.95 Mbps	179.30 Mbps	206.25 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	107.14 Mbps	3.56 Mbps	110.69 Mbps
<input type="checkbox"/>	PoP-SP	CHINANET-BACKBONE	4134	794.19 Kbps	99.02 Mbps	99.81 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	81.62 Mbps	17.84 Mbps	99.46 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	74.37 Mbps	5.33 Mbps	79.69 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	3.01 Mbps	66.97 Mbps	69.98 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	8.77 Mbps	48.81 Mbps	57.58 Mbps
<input type="checkbox"/>	PoP-SP	CHINATELECOM-GUANGDONG-IDC	58543	51.91 Kbps	57.07 Mbps	57.12 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	38.29 Mbps	11.14 Mbps	49.42 Mbps

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

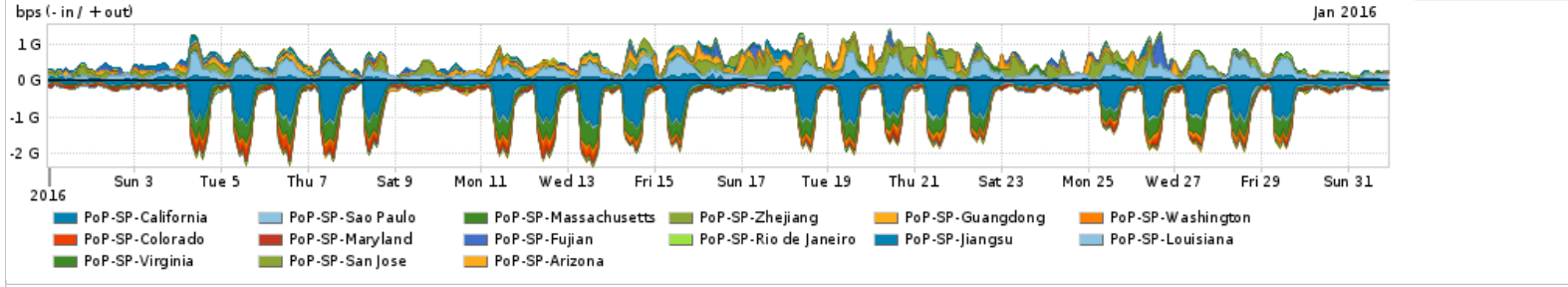


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-SP	32.28 Mbps	32.28 Mbps	64.56 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	37.91 Mbps	125.36 Kbps	38.03 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	23.04 Mbps	14.96 Mbps	38.00 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	17.13 Mbps	32.25 Kbps	17.16 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	6.63 Mbps	161.04 Kbps	6.79 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PE	5.18 Mbps	72.84 Kbps	5.25 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SC	3.37 Mbps	119.81 Kbps	3.49 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	2.49 Mbps	604.71 Kbps	3.10 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	2.42 Mbps	319.74 Kbps	2.74 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-MS	2.15 Mbps	45.34 Kbps	2.20 Mbps

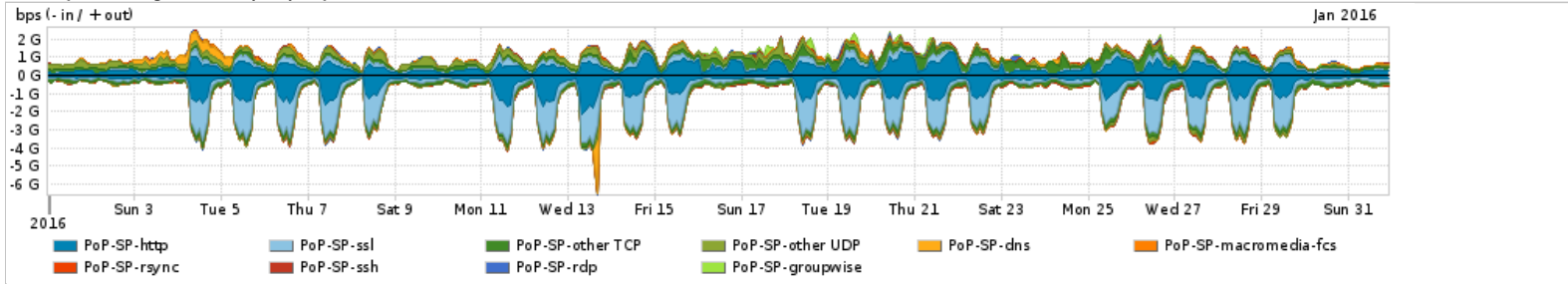
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	334.96 Mbps	61.62 Mbps	396.58 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	30.04 Mbps	181.40 Mbps	211.44 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	142.87 Mbps	11.40 Mbps	154.27 Mbps
<input type="checkbox"/>	PoP-SP	Zhejiang	358.26 Kbps	97.55 Mbps	97.91 Mbps
<input type="checkbox"/>	PoP-SP	Guangdong	251.45 Kbps	70.27 Mbps	70.53 Mbps
<input type="checkbox"/>	PoP-SP	Washington	46.72 Mbps	7.28 Mbps	54.00 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	44.28 Mbps	390.81 Kbps	44.67 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	37.23 Mbps	704.18 Kbps	37.93 Mbps
<input type="checkbox"/>	PoP-SP	Fujian	62.29 Kbps	35.42 Mbps	35.48 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	8.54 Mbps	22.78 Mbps	31.32 Mbps
<input type="checkbox"/>	PoP-SP	Jiangsu	140.73 Kbps	27.90 Mbps	28.04 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	20.15 Mbps	6.82 Mbps	26.97 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	12.78 Mbps	13.72 Mbps	26.50 Mbps
<input type="checkbox"/>	PoP-SP	San Jose	90.86 Kbps	21.40 Mbps	21.49 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	17.87 Mbps	998.90 Kbps	18.87 Mbps

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

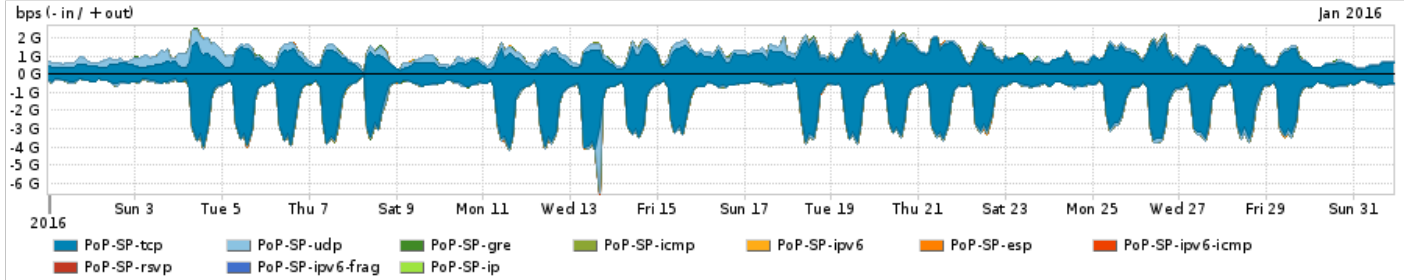


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	478.03 Mbps	410.45 Mbps	888.47 Mbps
<input type="checkbox"/>	PoP-SP	ssl	569.36 Mbps	117.99 Mbps	687.36 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		other TCP	177.28 Mbps	240.51 Mbps	417.78 Mbps
<input type="checkbox"/>	PoP-SP		other UDP	66.50 Mbps	183.37 Mbps	249.87 Mbps
<input type="checkbox"/>	PoP-SP		dns	12.01 Mbps	42.71 Mbps	54.72 Mbps
<input type="checkbox"/>	PoP-SP		macromedia-fcs	9.22 Mbps	41.38 Mbps	50.60 Mbps
<input type="checkbox"/>	PoP-SP		rsync	28.58 Mbps	2.42 Mbps	31.00 Mbps
<input type="checkbox"/>	PoP-SP		ssh	9.07 Mbps	15.95 Mbps	25.02 Mbps
<input type="checkbox"/>	PoP-SP		rdp	3.98 Mbps	13.01 Mbps	16.99 Mbps
<input type="checkbox"/>	PoP-SP		groupwise	5.30 Kbps	15.38 Mbps	15.38 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		tcp	1.29 Gbps	876.70 Mbps	2.16 Gbps
<input type="checkbox"/>	PoP-SP		udp	80.47 Mbps	219.02 Mbps	299.49 Mbps
<input type="checkbox"/>	PoP-SP		gre	1.63 Mbps	6.57 Mbps	8.20 Mbps
<input type="checkbox"/>	PoP-SP		icmp	1.21 Mbps	1.30 Mbps	2.51 Mbps
<input type="checkbox"/>	PoP-SP		ipv6	611.95 Kbps	1.02 Mbps	1.64 Mbps
<input type="checkbox"/>	PoP-SP		esp	1.01 Mbps	503.65 Kbps	1.52 Mbps
<input type="checkbox"/>	PoP-SP		ipv6-icmp	37.91 Kbps	17.93 Kbps	55.83 Kbps
<input type="checkbox"/>	PoP-SP		rsvp	30.00 bps	0.00 bps	30.00 bps
<input type="checkbox"/>	PoP-SP		ipv6-frag	0.00 bps	24.00 bps	24.00 bps
<input type="checkbox"/>	PoP-SP		ip	0.00 bps	0.00 bps	0.00 bps

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