

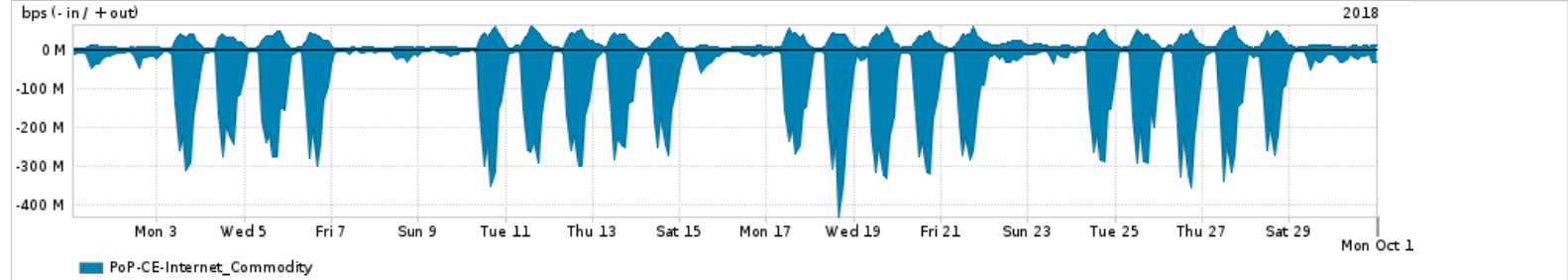
Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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:**

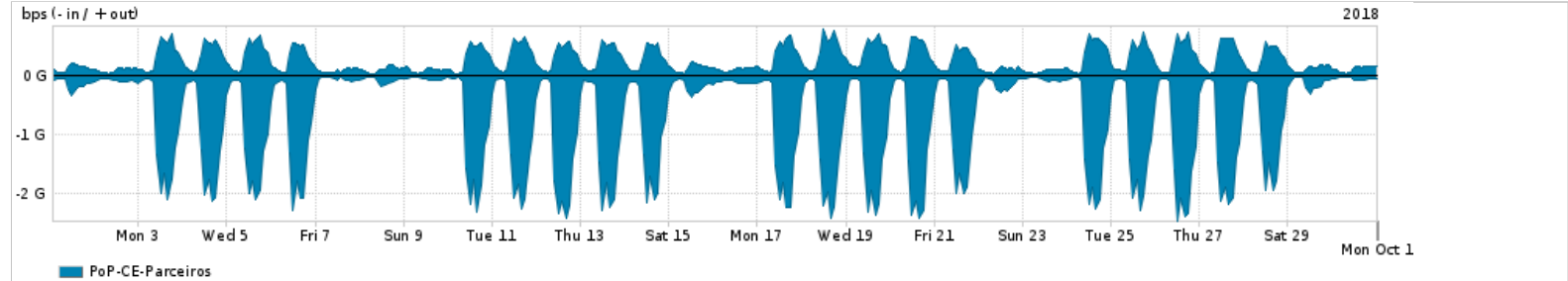
- PoP - Ponto de presença da RNP
- Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
- Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
- Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos 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-CE**



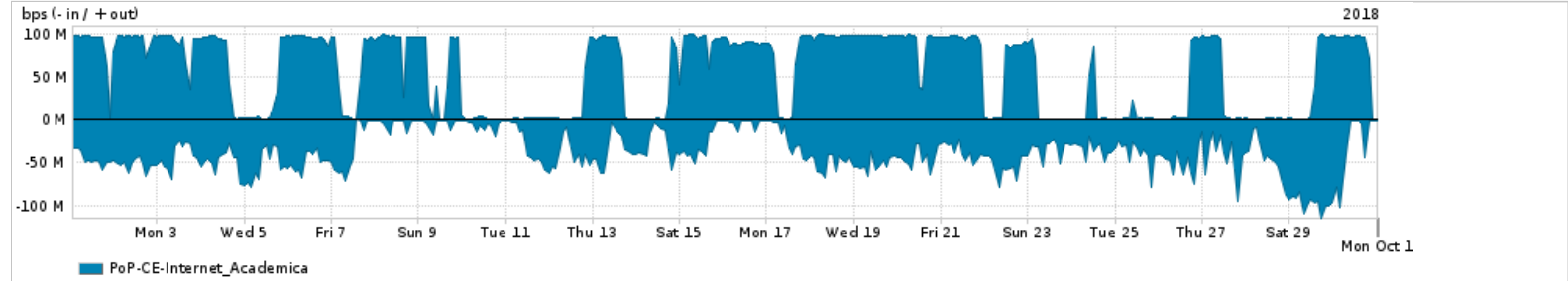
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-CE	Internet_Commodity	93.13 Mbps	16.28 Mbps	109.41 Mbps

**Utilização das trocas de tráfego comerciais no Brasil pelo PoP-CE**



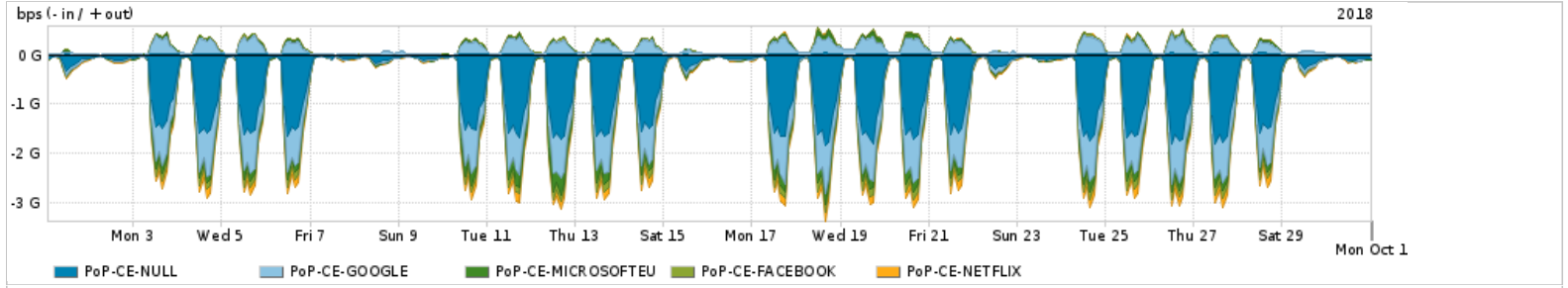
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-CE	Parceiros	709.49 Mbps	241.96 Mbps	951.45 Mbps

**Utilização do serviço de Internet acadêmica internacional pelo PoP-CE**



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-CE	Internet_Academica	38.00 Mbps	54.75 Mbps	92.75 Mbps

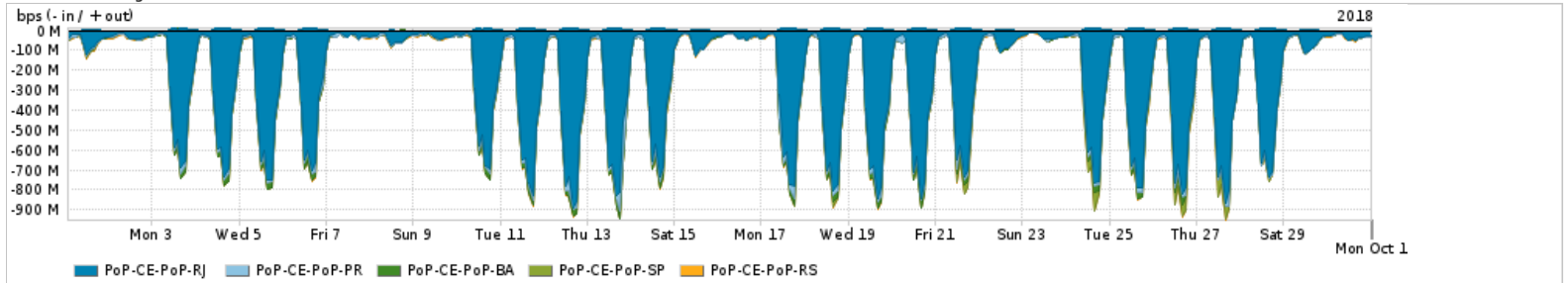
Redes (AS's de origem) mais acessadas pelo PoP-CE



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-CE	NULL	0	554.22 Mbps	11.53 Mbps	565.75 Mbps
<input checked="" type="checkbox"/>	PoP-CE	GOOGLE	15169	236.45 Mbps	105.08 Mbps	341.54 Mbps
<input checked="" type="checkbox"/>	PoP-CE	MICROSOFTEU	8068	59.14 Mbps	10.32 Mbps	69.45 Mbps
<input checked="" type="checkbox"/>	PoP-CE	FACEBOOK	32934	47.33 Mbps	13.32 Mbps	60.66 Mbps
<input checked="" type="checkbox"/>	PoP-CE	NETFLIX	2906	52.18 Mbps	1.00 Mbps	53.18 Mbps
<input type="checkbox"/>	PoP-CE	AS297	297	474.00 bps	39.31 Mbps	39.32 Mbps
<input type="checkbox"/>	PoP-CE	AMAZON-02	16509	32.42 Mbps	6.17 Mbps	38.58 Mbps
<input type="checkbox"/>	PoP-CE	NOAA-NCDC	20033	29.70 Mbps	424.60 Kbps	30.13 Mbps
<input type="checkbox"/>	PoP-CE	APPLE	714	9.05 Mbps	20.84 Mbps	29.89 Mbps
<input type="checkbox"/>	PoP-CE	AKAMAI-ASN1	20940	27.00 Mbps	986.52 Kbps	27.99 Mbps

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

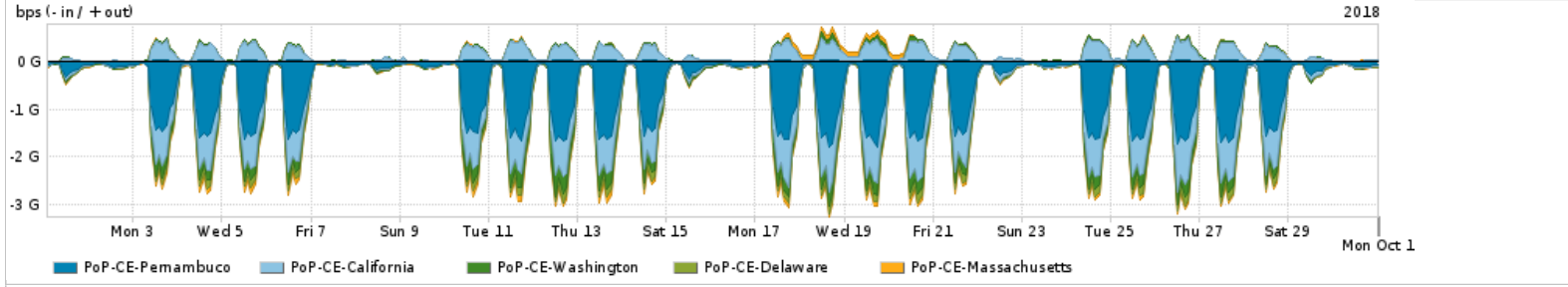


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-CE	PoP-RJ	232.69 Mbps	3.68 Mbps	236.37 Mbps
<input checked="" type="checkbox"/>	PoP-CE	PoP-PR	11.50 Mbps	0.00 bps	11.50 Mbps
<input checked="" type="checkbox"/>	PoP-CE	PoP-BA	6.73 Mbps	127.29 Kbps	6.86 Mbps
<input checked="" type="checkbox"/>	PoP-CE	PoP-SP	4.02 Mbps	72.70 Kbps	4.09 Mbps
<input checked="" type="checkbox"/>	PoP-CE	PoP-RS	2.21 Mbps	319.00 bps	2.21 Mbps
<input type="checkbox"/>	PoP-CE	PoP-PB	1.14 Mbps	21.74 Kbps	1.16 Mbps
<input type="checkbox"/>	PoP-CE	PoP-DF	216.79 Kbps	12.19 Kbps	228.98 Kbps
<input type="checkbox"/>	PoP-CE	PoP-PE	0.00 bps	3.88 Kbps	3.88 Kbps
<input type="checkbox"/>	PoP-CE	PoP-SC	3.19 Kbps	5.00 bps	3.19 Kbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-CE	PoP-CE	16.00 bps	16.00 bps	32.00 bps

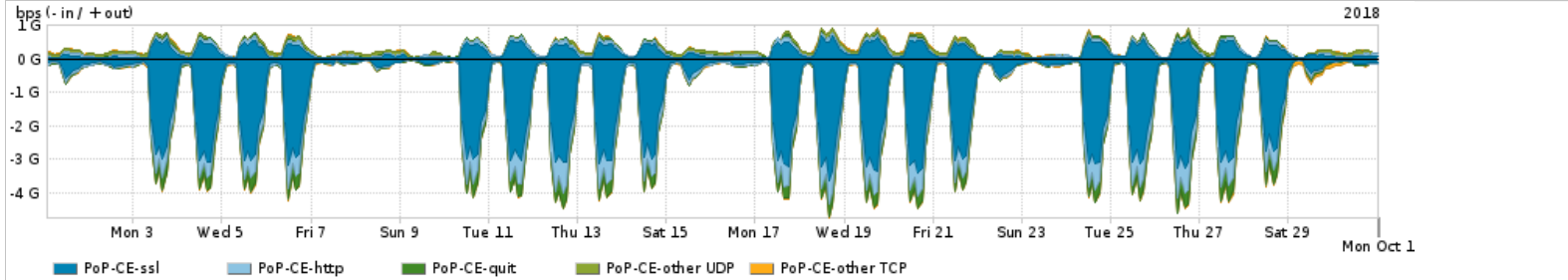
Distribuição do tráfego do PoP-CE por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-CE	Pernambuco	544.82 Mbps	14.72 Mbps	559.55 Mbps
<input checked="" type="checkbox"/>	PoP-CE	California	239.18 Mbps	134.34 Mbps	373.52 Mbps
<input checked="" type="checkbox"/>	PoP-CE	Washington	83.97 Mbps	13.09 Mbps	97.06 Mbps
<input checked="" type="checkbox"/>	PoP-CE	Delaware	52.07 Mbps	1.08 Mbps	53.15 Mbps
<input checked="" type="checkbox"/>	PoP-CE	Massachusetts	29.24 Mbps	10.34 Mbps	39.58 Mbps
<input type="checkbox"/>	PoP-CE	Alabama	42.86 Kbps	39.45 Mbps	39.49 Mbps
<input type="checkbox"/>	PoP-CE	Ceara	22.06 Mbps	15.24 Mbps	37.30 Mbps
<input type="checkbox"/>	PoP-CE	Sao Paulo	16.01 Mbps	14.04 Mbps	30.05 Mbps
<input type="checkbox"/>	PoP-CE	Virginia	18.94 Mbps	5.64 Mbps	24.58 Mbps
<input type="checkbox"/>	PoP-CE	Rio de Janeiro	14.30 Mbps	4.87 Mbps	19.17 Mbps
<input type="checkbox"/>	PoP-CE	Arizona	18.17 Mbps	396.14 Kbps	18.57 Mbps
<input type="checkbox"/>	PoP-CE	Paraiba	11.70 Mbps	543.84 Kbps	12.24 Mbps
<input type="checkbox"/>	PoP-CE	Texas	5.24 Mbps	629.15 Kbps	5.87 Mbps
<input type="checkbox"/>	PoP-CE	Florida	5.33 Mbps	544.57 Kbps	5.87 Mbps
<input type="checkbox"/>	PoP-CE	Rio Grande do Sul	3.00 Mbps	2.73 Mbps	5.72 Mbps

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

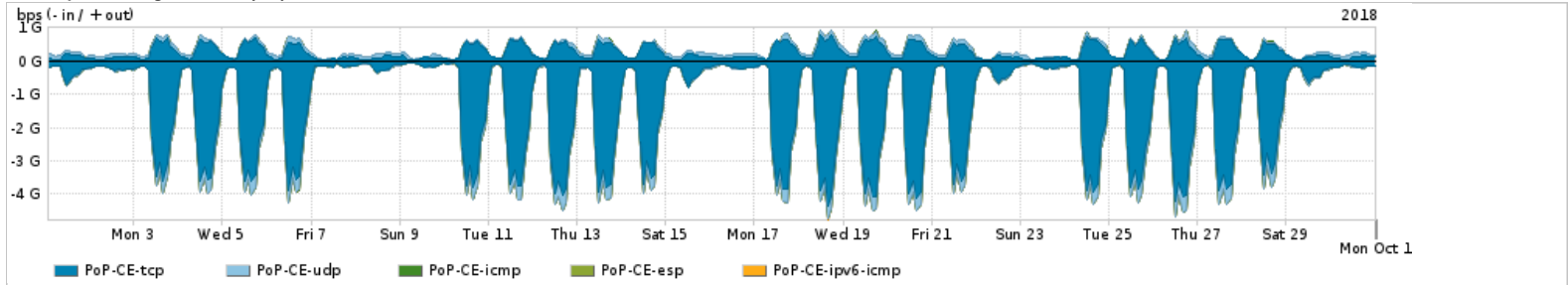


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-CE	ssl	1.03 Gbps	178.87 Mbps	1.21 Gbps
<input checked="" type="checkbox"/>	PoP-CE	http	225.21 Mbps	57.82 Mbps	283.03 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-CE	quit	106.69 Mbps	14.46 Mbps	121.15 Mbps
<input checked="" type="checkbox"/>	PoP-CE	other UDP	9.01 Mbps	60.97 Mbps	69.98 Mbps
<input checked="" type="checkbox"/>	PoP-CE	other TCP	20.50 Mbps	8.02 Mbps	28.52 Mbps
<input type="checkbox"/>	PoP-CE	rsync	5.76 Mbps	249.00 bps	5.76 Mbps
<input type="checkbox"/>	PoP-CE	dns	2.23 Mbps	651.57 Kbps	2.88 Mbps
<input type="checkbox"/>	PoP-CE	ssh	2.09 Mbps	694.16 Kbps	2.79 Mbps
<input type="checkbox"/>	PoP-CE	stun	1.20 Mbps	1.06 Mbps	2.26 Mbps
<input type="checkbox"/>	PoP-CE	xmpp	925.31 Kbps	689.70 Kbps	1.62 Mbps

Distribuição do tráfego do PoP-CE por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-CE	tcp	1.29 Gbps	247.26 Mbps	1.54 Gbps
<input checked="" type="checkbox"/>	PoP-CE	udp	118.23 Mbps	77.09 Mbps	195.32 Mbps
<input checked="" type="checkbox"/>	PoP-CE	icmp	97.04 Kbps	150.39 Kbps	247.43 Kbps
<input checked="" type="checkbox"/>	PoP-CE	esp	82.84 Kbps	35.09 Kbps	117.94 Kbps
<input checked="" type="checkbox"/>	PoP-CE	ipv6-icmp	521.00 bps	66.95 Kbps	67.47 Kbps
<input type="checkbox"/>	PoP-CE	gre	36.22 Kbps	29.31 Kbps	65.53 Kbps
<input type="checkbox"/>	PoP-CE	ipv6	6.73 Kbps	7.47 Kbps	14.20 Kbps
<input type="checkbox"/>	PoP-CE	ipencap	4.00 bps	0.00 bps	4.00 bps
<input type="checkbox"/>	PoP-CE	158	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-CE	189	0.00 bps	0.00 bps	0.00 bps

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