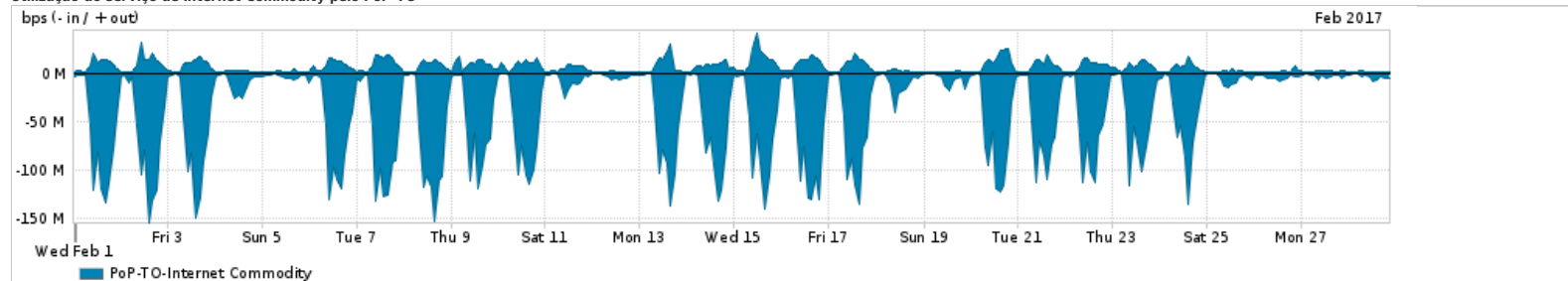


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

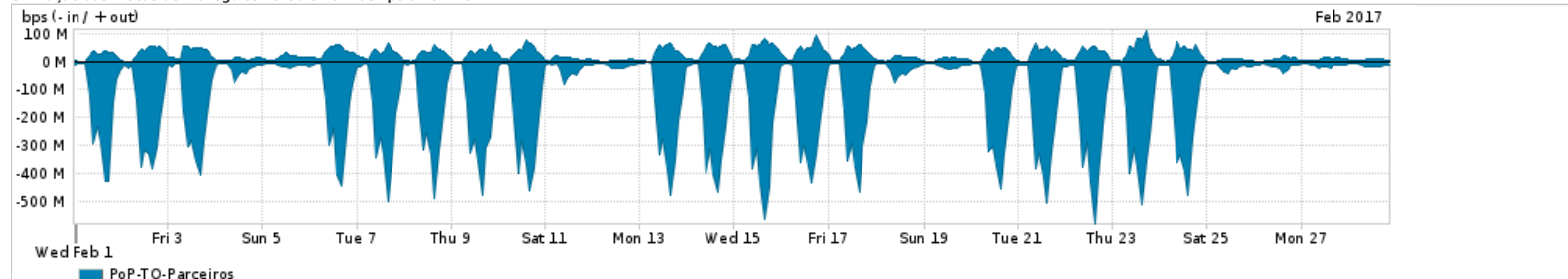
- Legenda:
- PoP - Ponto de presença da RNP
  - Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
  - Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
  - Internet commodity - Acesso pago à Internet global que é oferecido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



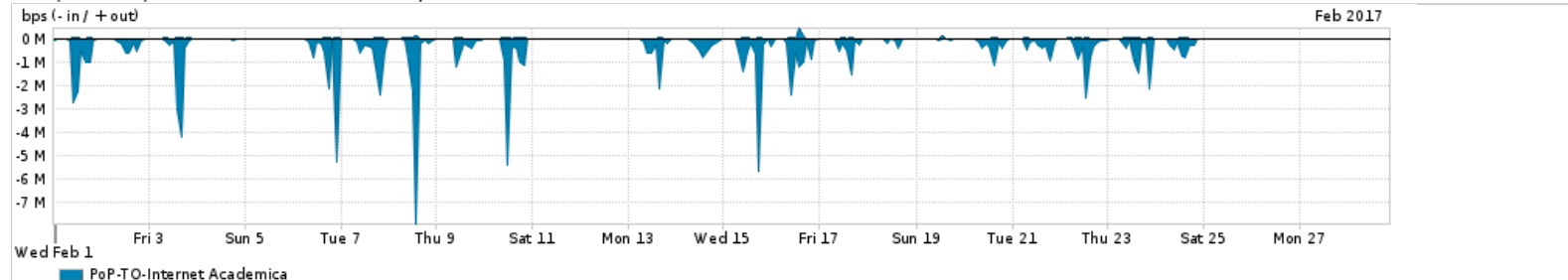
PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	Internet Commodity	38.69 Mbps	6.22 Mbps	44.91 Mbps

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



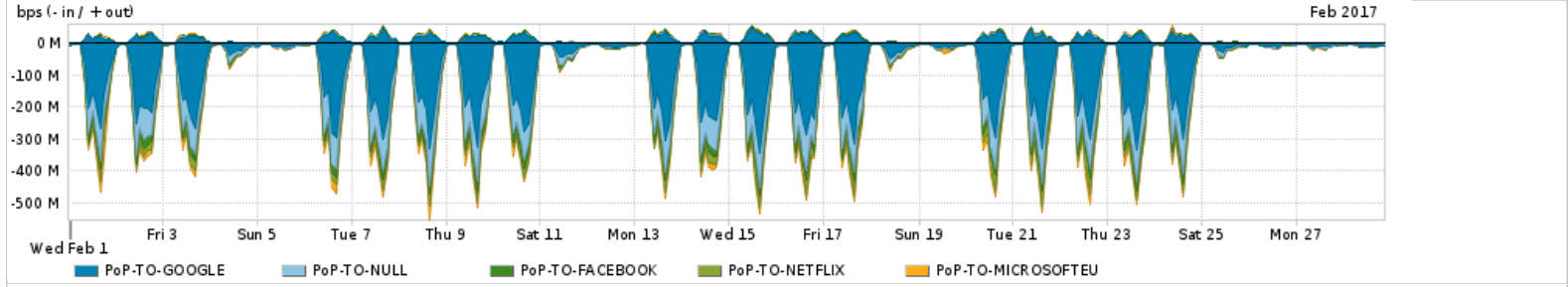
PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	Parceiros	131.13 Mbps	26.14 Mbps	157.27 Mbps

Utilização do serviço de Internet acadêmica internacional pelo PoP-TO



PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	Internet Academica	319.49 Kbps	13.43 Kbps	332.91 Kbps

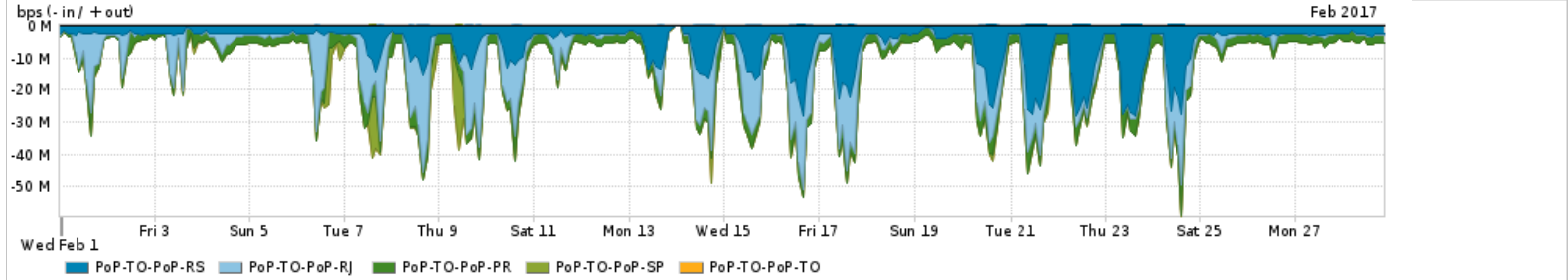
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

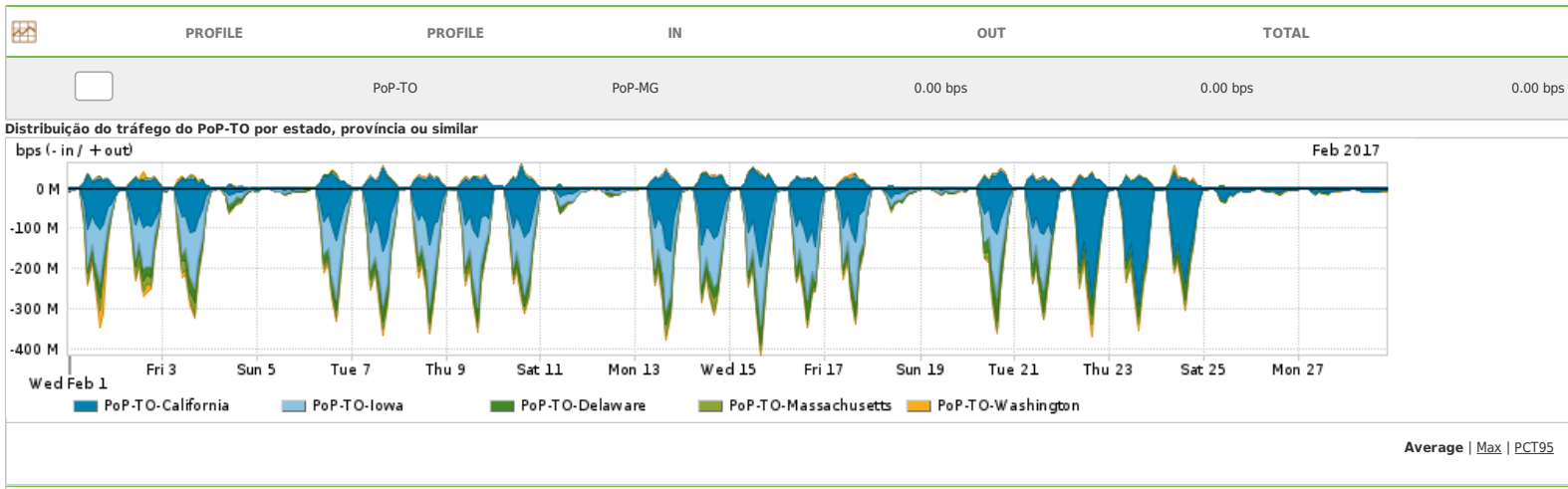
PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	78.79 Mbps	9.71 Mbps	88.50 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NULL	0	32.30 Mbps	699.50 Kbps	33.00 Mbps
<input checked="" type="checkbox"/>	PoP-TO	FACEBOOK	32934	9.25 Mbps	1.43 Mbps	10.68 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	9.99 Mbps	157.00 Kbps	10.14 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTU	8068	6.56 Mbps	595.51 Kbps	7.16 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	5.03 Mbps	568.30 Kbps	5.60 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSABR	28604	4.95 Mbps	237.51 Kbps	5.19 Mbps
<input type="checkbox"/>	PoP-TO	TASCOM	52871	3.57 Mbps	175.92 Kbps	3.75 Mbps
<input type="checkbox"/>	PoP-TO	NET	28573	840.67 Kbps	2.23 Mbps	3.08 Mbps
<input type="checkbox"/>	PoP-TO	EDGECAST	15133	2.94 Mbps	23.53 Kbps	2.96 Mbps

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

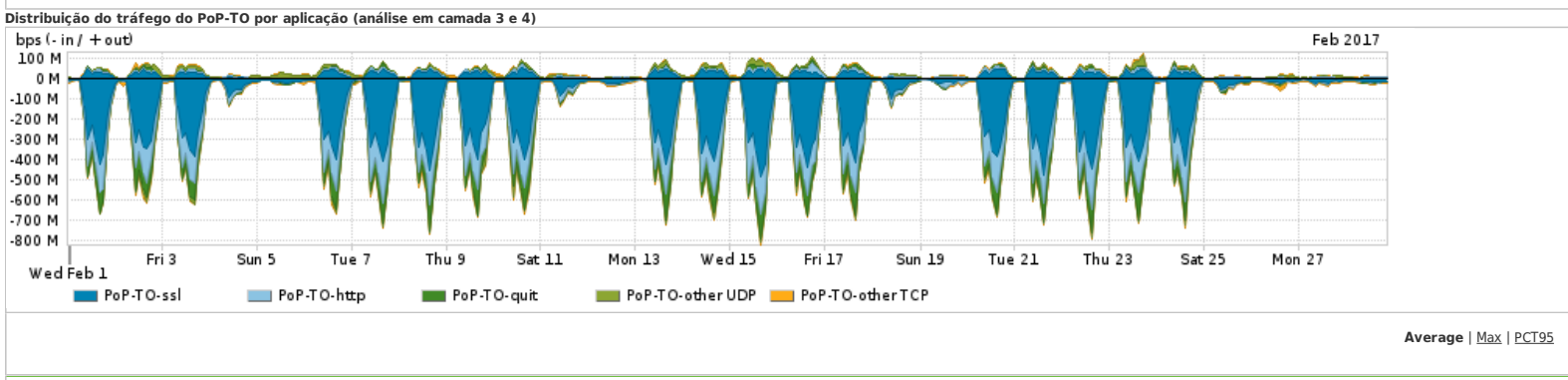


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	6.02 Mbps	78.80 Kbps	6.10 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RJ	4.42 Mbps	46.86 Kbps	4.47 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	2.86 Mbps	2.00 bps	2.86 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	472.34 Kbps	3.72 Kbps	476.06 Kbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-TO	194.00 bps	194.00 bps	388.00 bps
<input type="checkbox"/>	PoP-TO	PoP-SC	253.00 bps	3.00 bps	256.00 bps
<input type="checkbox"/>	PoP-TO	PoP-CE	0.00 bps	10.00 bps	10.00 bps
<input type="checkbox"/>	PoP-TO	PoP-DF	0.00 bps	5.00 bps	5.00 bps
<input type="checkbox"/>	PoP-TO	PoP-PI	4.00 bps	0.00 bps	4.00 bps



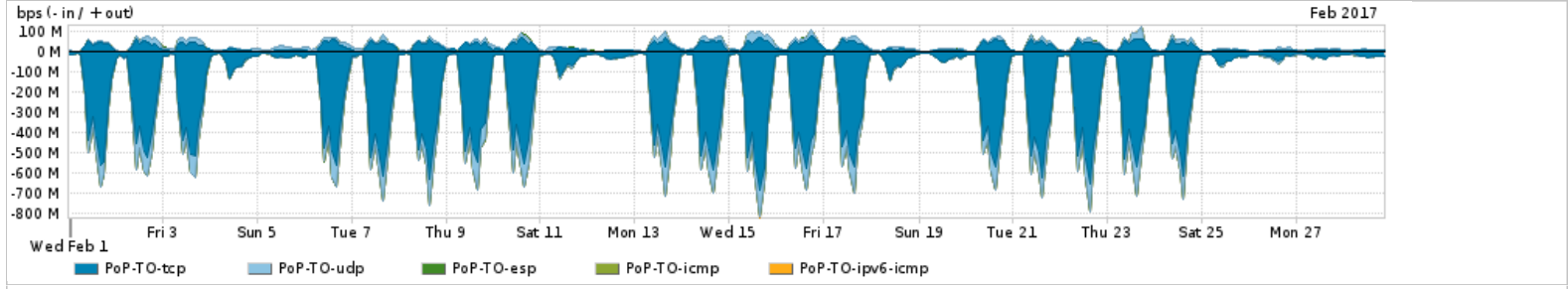
PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	California	41.89 Mbps	9.96 Mbps	51.85 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Iowa	31.21 Mbps	626.19 Kbps	31.83 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	10.55 Mbps	476.86 Kbps	11.02 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Massachusetts	6.00 Mbps	280.82 Kbps	6.28 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	3.71 Mbps	923.55 Kbps	4.63 Mbps
<input type="checkbox"/>	PoP-TO	Connecticut	4.06 Mbps	150.91 Kbps	4.21 Mbps
<input type="checkbox"/>	PoP-TO	New York	2.21 Mbps	259.68 Kbps	2.47 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	1.96 Mbps	6.39 Kbps	1.97 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	961.11 Kbps	870.38 Kbps	1.83 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	1.41 Mbps	237.38 Kbps	1.65 Mbps
<input type="checkbox"/>	PoP-TO	Texas	1.20 Mbps	361.79 Kbps	1.56 Mbps
<input type="checkbox"/>	PoP-TO	New Hampshire	1.37 Mbps	57.83 Kbps	1.43 Mbps
<input type="checkbox"/>	PoP-TO	Florida	1.11 Mbps	68.76 Kbps	1.18 Mbps
<input type="checkbox"/>	PoP-TO	Noord-Holland	474.99 Kbps	506.66 Kbps	981.65 Kbps
<input type="checkbox"/>	PoP-TO	Quebec	435.01 Kbps	108.16 Kbps	543.17 Kbps



PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	ssl	120.11 Mbps	14.93 Mbps	135.04 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	49.00 Mbps	5.46 Mbps	54.45 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	quit	25.05 Mbps	2.30 Mbps	27.35 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other UDP	4.91 Mbps	7.46 Mbps	12.37 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP	7.37 Mbps	2.47 Mbps	9.83 Mbps
<input type="checkbox"/>	PoP-TO	macromedia-fcs	417.28 Kbps	11.38 Kbps	428.66 Kbps
<input type="checkbox"/>	PoP-TO	dns	195.17 Kbps	85.37 Kbps	280.54 Kbps
<input type="checkbox"/>	PoP-TO	qq	124.87 Kbps	43.72 Kbps	168.59 Kbps
<input type="checkbox"/>	PoP-TO	ssh	100.51 Kbps	62.93 Kbps	163.43 Kbps
<input type="checkbox"/>	PoP-TO	bittorrent	47.42 Kbps	78.49 Kbps	125.91 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	tcp	177.37 Mbps	23.13 Mbps	200.49 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp	30.16 Mbps	9.86 Mbps	40.01 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp	100.76 Kbps	68.42 Kbps	169.19 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp	19.55 Kbps	20.72 Kbps	40.27 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp	211.00 bps	615.00 bps	826.00 bps
<input type="checkbox"/>	PoP-TO	gre	439.00 bps	0.00 bps	439.00 bps
<input type="checkbox"/>	PoP-TO	ipv6	1.00 bps	15.00 bps	16.00 bps

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