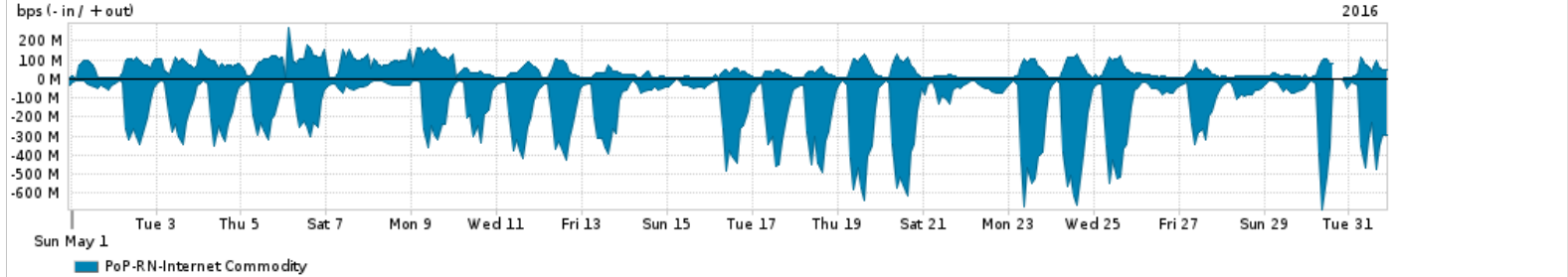


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

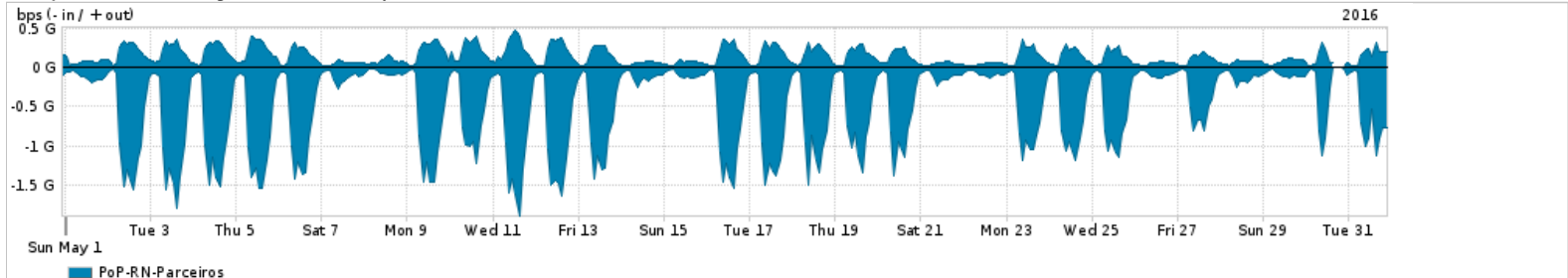
Utilização do serviço de Internet Commodity pelo PoP-RN



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	Internet Commodity	161.40 Mbps	48.36 Mbps	209.76 Mbps

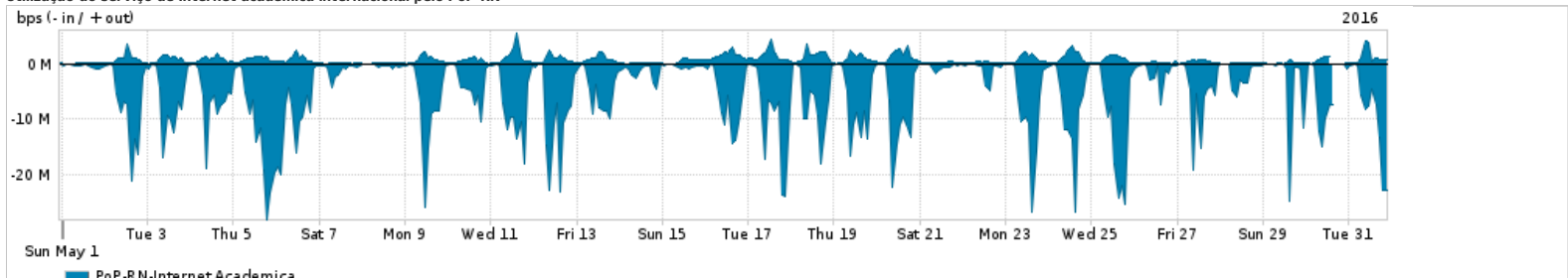
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-RN



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	Parceiros	492.46 Mbps	134.73 Mbps	627.19 Mbps

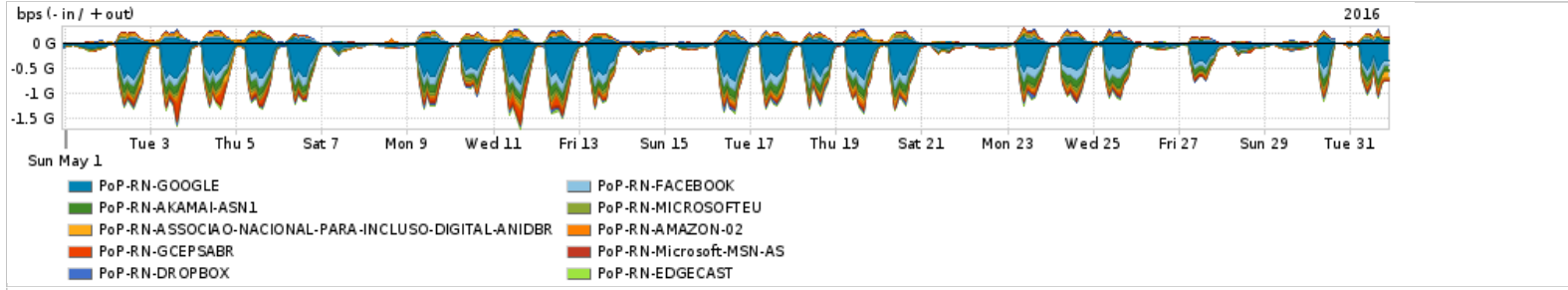
Utilização do serviço de Internet acadêmica internacional pelo PoP-RN



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	Internet Acadêmica	5.11 Mbps	689.66 Kbps	5.80 Mbps

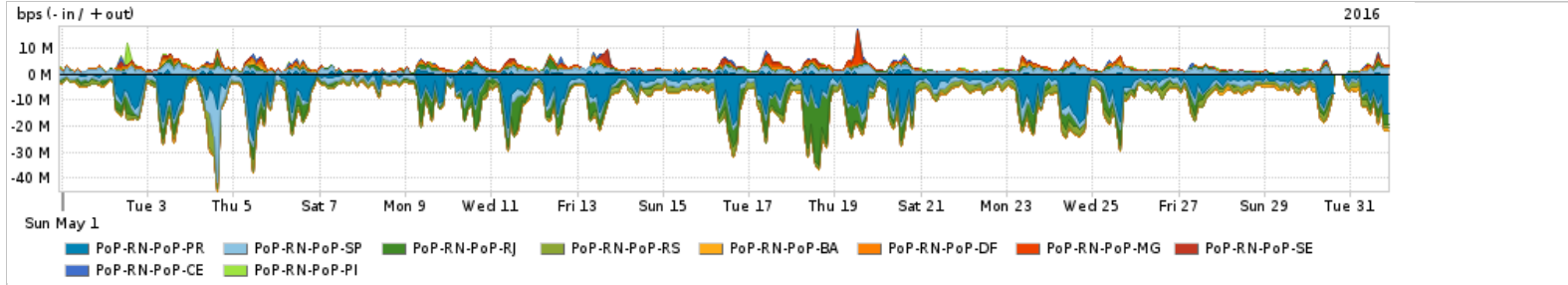
Redes (AS's de origem) mais acessadas pelo PoP-RN



Average | Max | PCT95

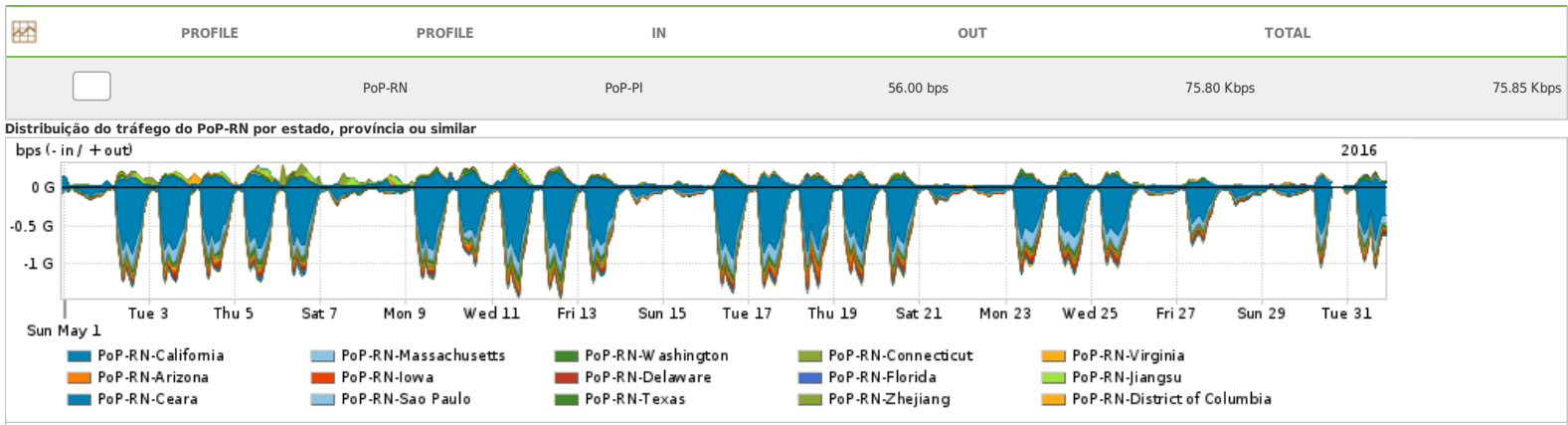
PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	GOOGLE	15169	226.90 Mbps	35.58 Mbps	262.49 Mbps
<input type="checkbox"/>	PoP-RN	FACEBOOK	32934	61.57 Mbps	7.09 Mbps	68.66 Mbps
<input type="checkbox"/>	PoP-RN	AKAMAI-ASN1	20940	55.01 Mbps	1.67 Mbps	56.68 Mbps
<input type="checkbox"/>	PoP-RN	MICROSOFTEU	8068	24.60 Mbps	6.32 Mbps	30.92 Mbps
<input type="checkbox"/>	PoP-RN	ASSOCIAO-NACIONAL-PARA-INCLUSO-DIGITAL-ANIDBR	28135	15.33 Mbps	15.55 Mbps	30.88 Mbps
<input type="checkbox"/>	PoP-RN	AMAZON-02	16509	18.72 Mbps	6.34 Mbps	25.05 Mbps
<input type="checkbox"/>	PoP-RN	GCEPSABR	28604	20.26 Mbps	952.51 Kbps	21.21 Mbps
<input type="checkbox"/>	PoP-RN	Microsoft-MSN-AS	8075	10.57 Mbps	7.89 Mbps	18.46 Mbps
<input type="checkbox"/>	PoP-RN	DROPBOX	19679	10.05 Mbps	5.06 Mbps	15.11 Mbps
<input type="checkbox"/>	PoP-RN	EDGECAST	15133	11.54 Mbps	306.26 Kbps	11.85 Mbps

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



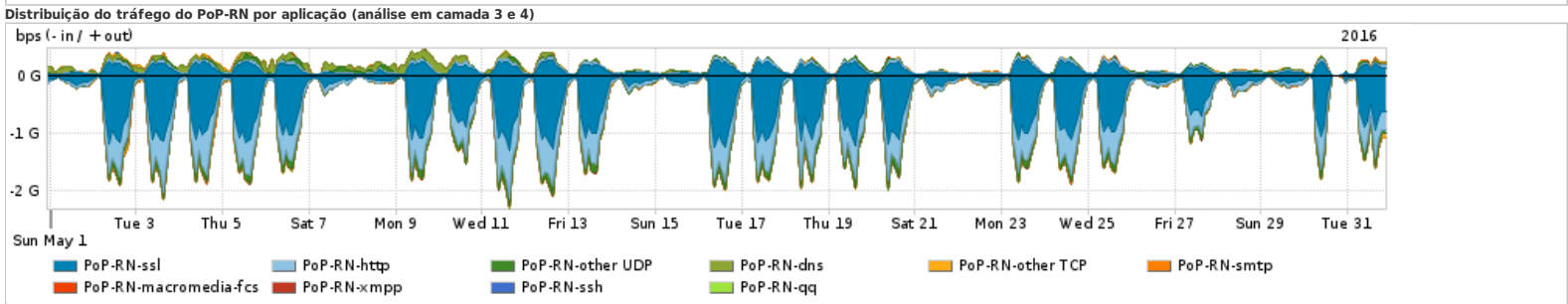
Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	PoP-PR	4.80 Mbps	183.85 Kbps	4.99 Mbps
<input type="checkbox"/>	PoP-RN	PoP-SP	1.74 Mbps	1.19 Mbps	2.93 Mbps
<input type="checkbox"/>	PoP-RN	PoP-RJ	1.85 Mbps	280.47 Kbps	2.13 Mbps
<input type="checkbox"/>	PoP-RN	PoP-RS	1.58 Mbps	57.22 Kbps	1.64 Mbps
<input type="checkbox"/>	PoP-RN	PoP-BA	486.28 Kbps	92.65 Kbps	578.93 Kbps
<input type="checkbox"/>	PoP-RN	PoP-DF	74.00 bps	406.55 Kbps	406.63 Kbps
<input type="checkbox"/>	PoP-RN	PoP-MG	719.00 bps	299.08 Kbps	299.80 Kbps
<input type="checkbox"/>	PoP-RN	PoP-SE	8.00 bps	186.72 Kbps	186.73 Kbps
<input type="checkbox"/>	PoP-RN	PoP-CE	4.00 bps	96.09 Kbps	96.09 Kbps



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	California	265.70 Mbps	51.62 Mbps	317.32 Mbps
<input type="checkbox"/>	PoP-RN	Massachusetts	59.15 Mbps	1.90 Mbps	61.05 Mbps
<input type="checkbox"/>	PoP-RN	Washington	19.07 Mbps	9.01 Mbps	28.07 Mbps
<input type="checkbox"/>	PoP-RN	Connecticut	16.50 Mbps	318.97 Kbps	16.82 Mbps
<input type="checkbox"/>	PoP-RN	Virginia	8.28 Mbps	8.00 Mbps	16.28 Mbps
<input type="checkbox"/>	PoP-RN	Arizona	12.05 Mbps	281.87 Kbps	12.33 Mbps
<input type="checkbox"/>	PoP-RN	Iowa	11.42 Mbps	193.36 Kbps	11.62 Mbps
<input type="checkbox"/>	PoP-RN	Delaware	9.65 Mbps	1.01 Mbps	10.66 Mbps
<input type="checkbox"/>	PoP-RN	Florida	6.38 Mbps	308.08 Kbps	6.69 Mbps
<input type="checkbox"/>	PoP-RN	Jiangsu	26.47 Kbps	6.11 Mbps	6.14 Mbps
<input type="checkbox"/>	PoP-RN	Ceara	5.36 Mbps	258.23 Kbps	5.62 Mbps
<input type="checkbox"/>	PoP-RN	Sao Paulo	3.06 Mbps	1.86 Mbps	4.93 Mbps
<input type="checkbox"/>	PoP-RN	Texas	4.17 Mbps	595.12 Kbps	4.76 Mbps
<input type="checkbox"/>	PoP-RN	Zhejiang	39.30 Kbps	4.25 Mbps	4.28 Mbps
<input type="checkbox"/>	PoP-RN	District of Columbia	3.48 Mbps	53.19 Kbps	3.53 Mbps

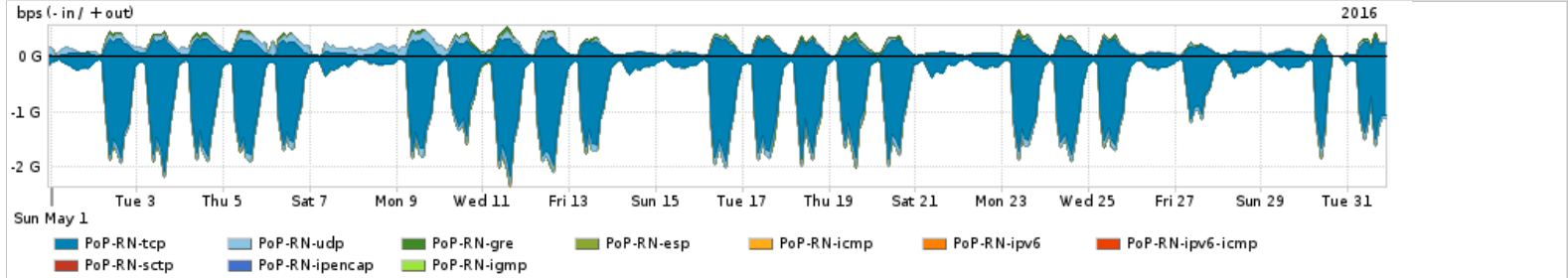


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	ssl	398.22 Mbps	83.48 Mbps	481.69 Mbps
<input type="checkbox"/>	PoP-RN	http	207.92 Mbps	27.28 Mbps	235.20 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	other UDP	41.77 Mbps	15.71 Mbps	57.48 Mbps
<input type="checkbox"/>	PoP-RN	dns	843.61 Kbps	25.05 Mbps	25.90 Mbps
<input type="checkbox"/>	PoP-RN	other TCP	12.74 Mbps	5.96 Mbps	18.71 Mbps
<input type="checkbox"/>	PoP-RN	smtp	736.68 Kbps	1.30 Mbps	2.04 Mbps
<input type="checkbox"/>	PoP-RN	macromedia-fcs	1.76 Mbps	140.61 Kbps	1.90 Mbps
<input type="checkbox"/>	PoP-RN	xmpp	317.72 Kbps	198.02 Kbps	515.73 Kbps
<input type="checkbox"/>	PoP-RN	ssh	347.15 Kbps	141.92 Kbps	489.07 Kbps
<input type="checkbox"/>	PoP-RN	qq	346.35 Kbps	24.06 Kbps	370.41 Kbps

Distribuição do tráfego do PoP-RN por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	tcp	623.06 Mbps	132.46 Mbps	755.52 Mbps
<input type="checkbox"/>	PoP-RN	udp	42.63 Mbps	41.22 Mbps	83.85 Mbps
<input type="checkbox"/>	PoP-RN	gre	3.61 Mbps	13.82 Mbps	17.43 Mbps
<input type="checkbox"/>	PoP-RN	esp	122.31 Kbps	219.07 Kbps	341.38 Kbps
<input type="checkbox"/>	PoP-RN	icmp	39.25 Kbps	68.31 Kbps	107.56 Kbps
<input type="checkbox"/>	PoP-RN	ipv6	602.00 bps	88.00 bps	690.00 bps
<input type="checkbox"/>	PoP-RN	ipv6-icmp	1.00 bps	198.00 bps	199.00 bps
<input type="checkbox"/>	PoP-RN	igmp	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-RN	sctp	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-RN	ipencap	0.00 bps	0.00 bps	0.00 bps

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