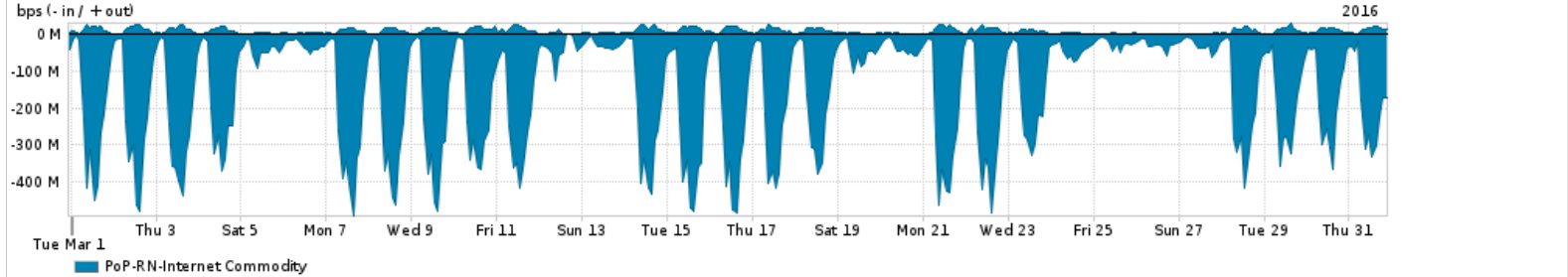


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

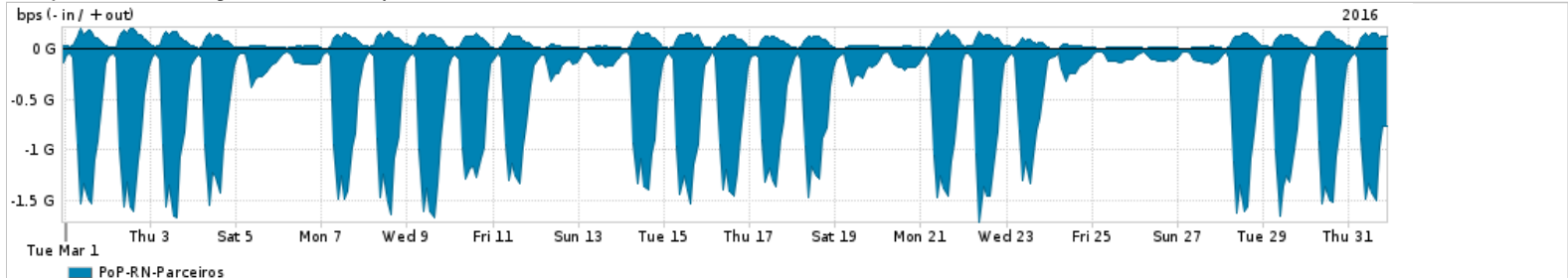
Utilização do serviço de Internet Commodity pelo PoP-RN



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	Internet Commodity	150.34 Mbps	8.92 Mbps	159.26 Mbps

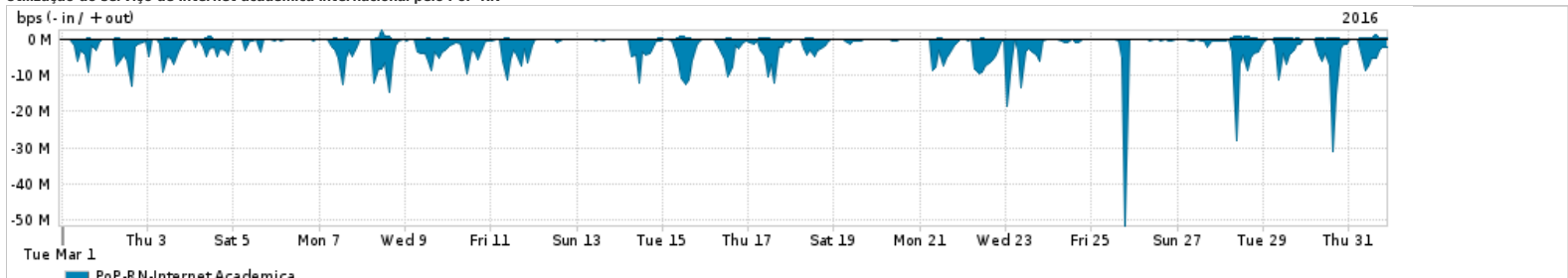
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-RN



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	Parceiros	564.65 Mbps	61.92 Mbps	626.57 Mbps

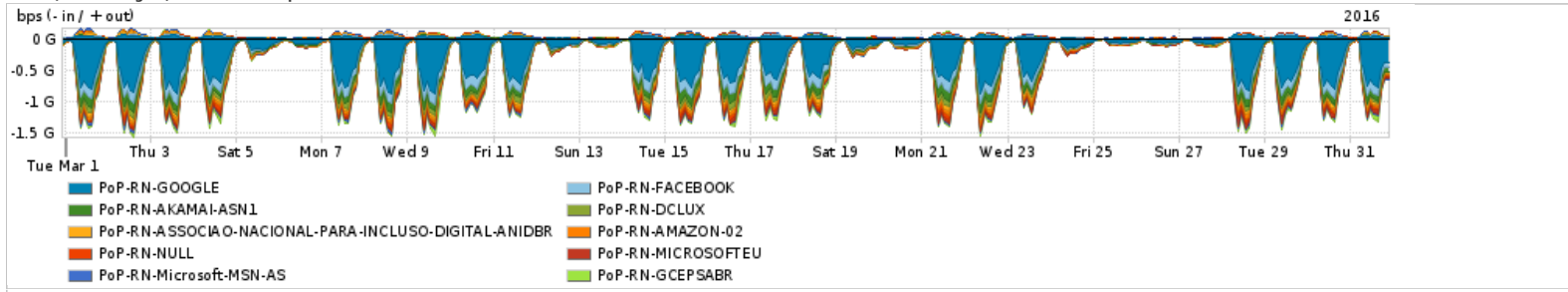
Utilização do serviço de Internet acadêmica internacional pelo PoP-RN



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	Internet Academica	2.74 Mbps	90.28 Kbps	2.83 Mbps

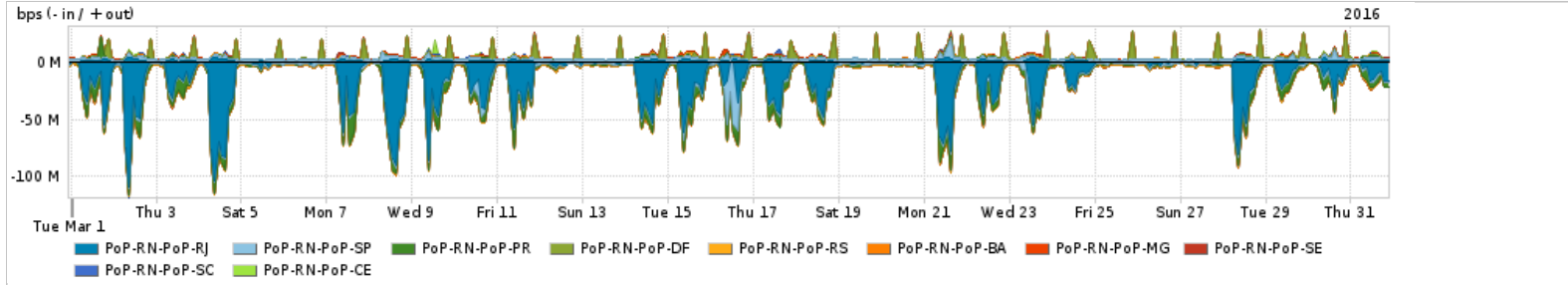
Redes (AS's de origem) mais acessadas pelo PoP-RN



Average | Max | PCT95

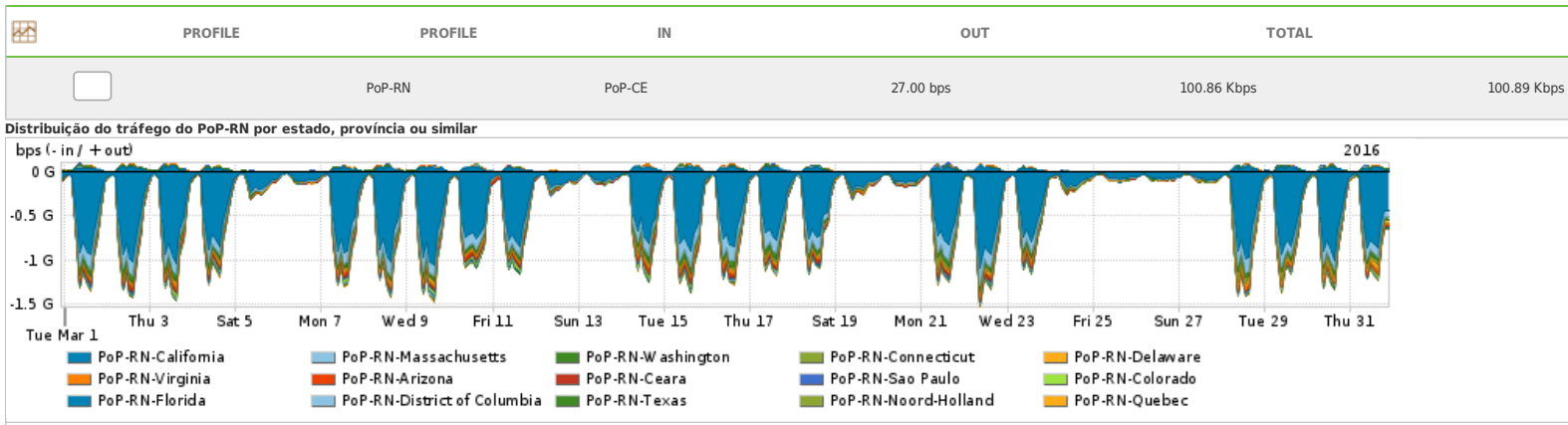
PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	GOOGLE	15169	279.12 Mbps	16.43 Mbps	295.55 Mbps
<input type="checkbox"/>	PoP-RN	FACEBOOK	32934	59.33 Mbps	3.84 Mbps	63.17 Mbps
<input type="checkbox"/>	PoP-RN	AKAMAI-ASN1	20940	45.73 Mbps	1.14 Mbps	46.88 Mbps
<input type="checkbox"/>	PoP-RN	DCLUX	24611	24.80 Mbps	472.75 Kbps	25.27 Mbps
<input type="checkbox"/>	PoP-RN	ASSOCIAO-NACIONAL-PARA-INCLUSO-DIGITAL-ANIDBR	28135	20.74 Mbps	4.53 Mbps	25.27 Mbps
<input type="checkbox"/>	PoP-RN	AMAZON-02	16509	21.02 Mbps	2.52 Mbps	23.54 Mbps
<input type="checkbox"/>	PoP-RN	NULL	0	17.99 Mbps	4.31 Mbps	22.30 Mbps
<input type="checkbox"/>	PoP-RN	MICROSOFTEU	8068	18.69 Mbps	2.31 Mbps	21.00 Mbps
<input type="checkbox"/>	PoP-RN	Microsoft-MSN-AS	8075	11.75 Mbps	5.95 Mbps	17.70 Mbps
<input type="checkbox"/>	PoP-RN	GCEPSABR	28604	17.03 Mbps	500.59 Kbps	17.53 Mbps

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



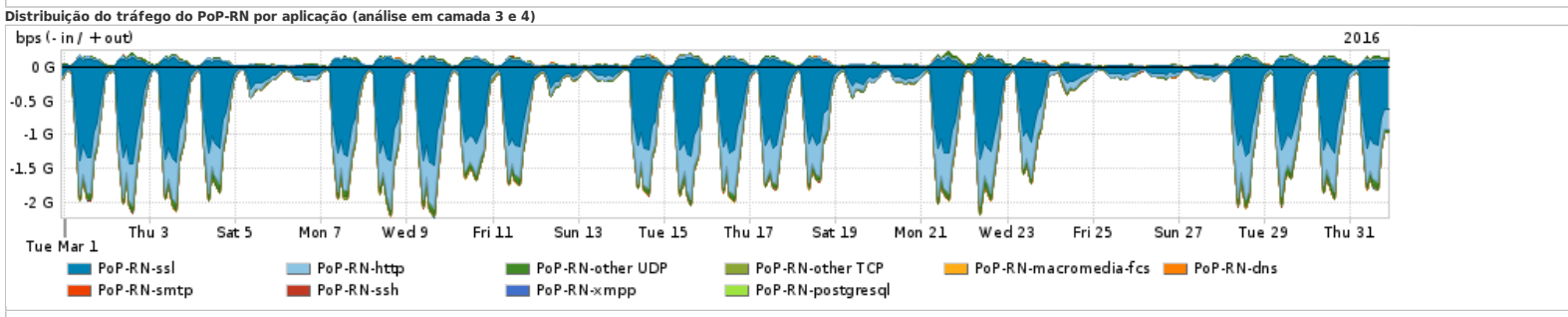
Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	PoP-RJ	13.20 Mbps	527.96 Kbps	13.72 Mbps
<input type="checkbox"/>	PoP-RN	PoP-SP	2.23 Mbps	2.08 Mbps	4.31 Mbps
<input type="checkbox"/>	PoP-RN	PoP-PR	3.14 Mbps	173.49 Kbps	3.31 Mbps
<input type="checkbox"/>	PoP-RN	PoP-DF	29.00 bps	2.16 Mbps	2.16 Mbps
<input type="checkbox"/>	PoP-RN	PoP-RS	1.13 Mbps	79.72 Kbps	1.21 Mbps
<input type="checkbox"/>	PoP-RN	PoP-BA	223.81 Kbps	105.79 Kbps	329.60 Kbps
<input type="checkbox"/>	PoP-RN	PoP-MG	63.00 bps	256.70 Kbps	256.76 Kbps
<input type="checkbox"/>	PoP-RN	PoP-SE	4.00 bps	171.71 Kbps	171.71 Kbps
<input type="checkbox"/>	PoP-RN	PoP-SC	9.88 Kbps	117.55 Kbps	127.43 Kbps



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	California	330.47 Mbps	19.61 Mbps	350.09 Mbps
<input type="checkbox"/>	PoP-RN	Massachusetts	53.96 Mbps	1.45 Mbps	55.41 Mbps
<input type="checkbox"/>	PoP-RN	Washington	21.10 Mbps	4.00 Mbps	25.10 Mbps
<input type="checkbox"/>	PoP-RN	Connecticut	12.87 Mbps	100.65 Kbps	12.97 Mbps
<input type="checkbox"/>	PoP-RN	Delaware	11.24 Mbps	347.16 Kbps	11.59 Mbps
<input type="checkbox"/>	PoP-RN	Virginia	8.87 Mbps	2.72 Mbps	11.58 Mbps
<input type="checkbox"/>	PoP-RN	Arizona	10.35 Mbps	98.71 Kbps	10.45 Mbps
<input type="checkbox"/>	PoP-RN	Ceara	7.19 Mbps	196.28 Kbps	7.38 Mbps
<input type="checkbox"/>	PoP-RN	Sao Paulo	4.48 Mbps	1.56 Mbps	6.04 Mbps
<input type="checkbox"/>	PoP-RN	Colorado	5.50 Mbps	269.00 bps	5.50 Mbps
<input type="checkbox"/>	PoP-RN	Florida	5.26 Mbps	86.64 Kbps	5.34 Mbps
<input type="checkbox"/>	PoP-RN	District of Columbia	4.82 Mbps	49.01 Kbps	4.87 Mbps
<input type="checkbox"/>	PoP-RN	Texas	4.53 Mbps	280.01 Kbps	4.81 Mbps
<input type="checkbox"/>	PoP-RN	Noord-Holland	3.02 Mbps	90.85 Kbps	3.12 Mbps
<input type="checkbox"/>	PoP-RN	Quebec	2.48 Mbps	76.74 Kbps	2.55 Mbps

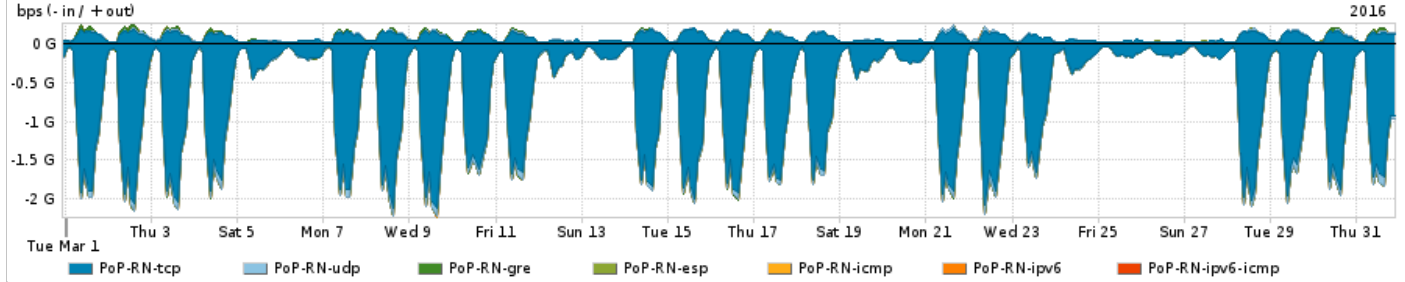


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN	ssl	473.43 Mbps	45.73 Mbps	519.16 Mbps
<input type="checkbox"/>	PoP-RN	http	217.62 Mbps	13.99 Mbps	231.61 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN		other UDP	29.49 Mbps	7.03 Mbps	36.52 Mbps
<input type="checkbox"/>	PoP-RN		other TCP	10.11 Mbps	5.11 Mbps	15.22 Mbps
<input type="checkbox"/>	PoP-RN		macromedia-fcs	2.17 Mbps	44.79 Kbps	2.21 Mbps
<input type="checkbox"/>	PoP-RN		dns	1.48 Mbps	472.51 Kbps	1.95 Mbps
<input type="checkbox"/>	PoP-RN		smtp	756.30 Kbps	217.66 Kbps	973.96 Kbps
<input type="checkbox"/>	PoP-RN		ssh	249.20 Kbps	145.20 Kbps	394.40 Kbps
<input type="checkbox"/>	PoP-RN		xmpp	277.18 Kbps	106.85 Kbps	384.03 Kbps
<input type="checkbox"/>	PoP-RN		postgresql	84.50 Kbps	75.35 Kbps	159.85 Kbps

Distribuição do tráfego do PoP-RN por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-RN		tcp	705.32 Mbps	65.64 Mbps	770.97 Mbps
<input type="checkbox"/>	PoP-RN		udp	30.88 Mbps	7.56 Mbps	38.44 Mbps
<input type="checkbox"/>	PoP-RN		gre	1.29 Mbps	4.47 Mbps	5.76 Mbps
<input type="checkbox"/>	PoP-RN		esp	133.23 Kbps	476.53 Kbps	609.76 Kbps
<input type="checkbox"/>	PoP-RN		icmp	43.94 Kbps	40.12 Kbps	84.06 Kbps
<input type="checkbox"/>	PoP-RN		ipv6	332.00 bps	36.00 bps	368.00 bps
<input type="checkbox"/>	PoP-RN		ipv6-icmp	1.00 bps	32.00 bps	33.00 bps

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