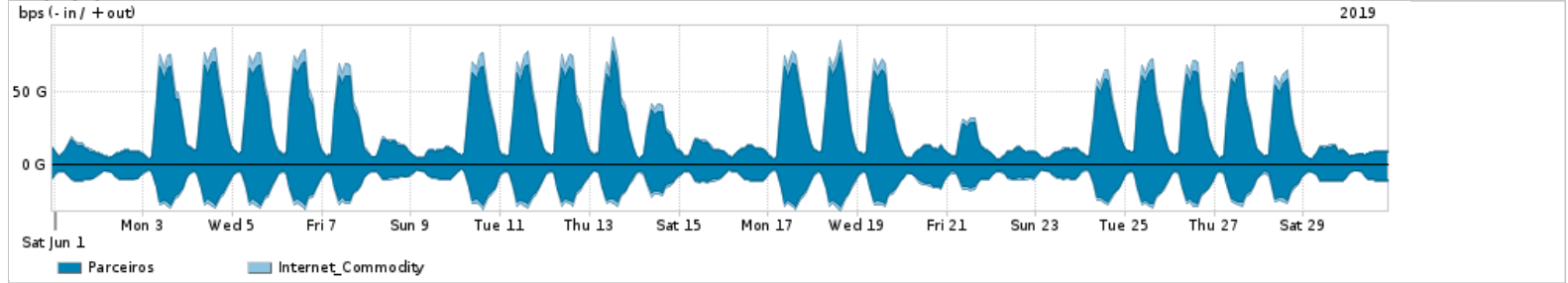


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

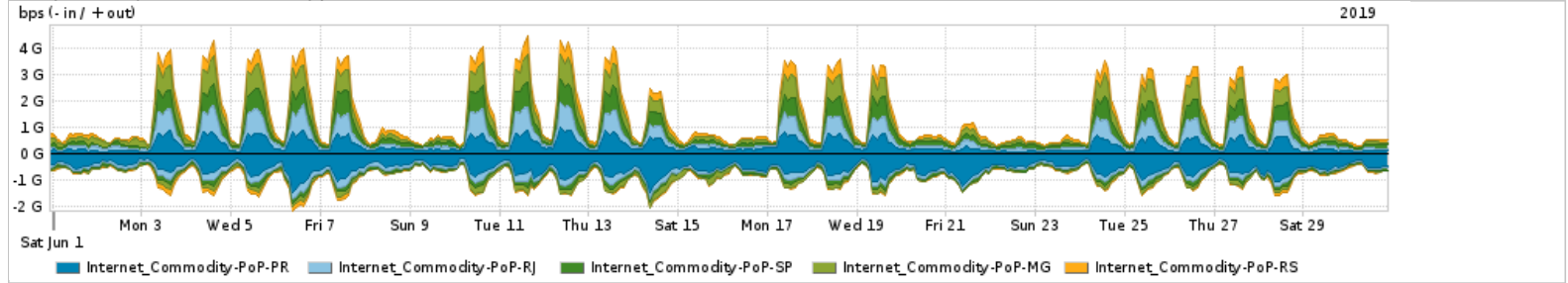
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	12.80 Gbps	24.63 Gbps	37.43 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.47 Gbps	2.86 Gbps	4.33 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

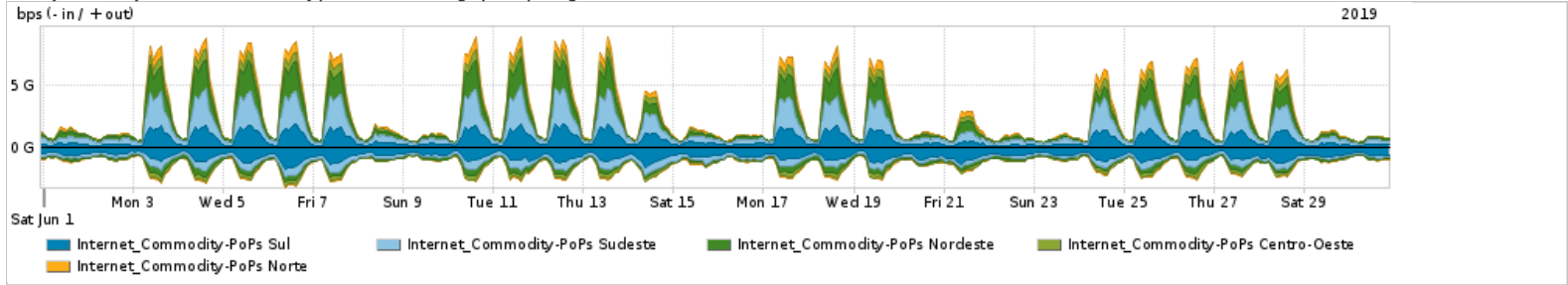


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	588.46 Mbps	279.84 Mbps	868.30 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RJ	127.40 Mbps	274.79 Mbps	402.19 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SP	98.75 Mbps	288.64 Mbps	387.40 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	83.99 Mbps	301.19 Mbps	385.18 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RS	39.73 Mbps	203.60 Mbps	243.33 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-DF	109.06 Mbps	126.93 Mbps	235.99 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-SC	81.38 Mbps	143.96 Mbps	225.34 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	50.20 Mbps	103.74 Mbps	153.95 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-CE	37.74 Mbps	111.72 Mbps	149.46 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RN	28.04 Mbps	111.81 Mbps	139.85 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PA	14.64 Mbps	114.32 Mbps	128.96 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-BA	28.66 Mbps	96.35 Mbps	125.02 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-PB	41.18 Mbps	77.66 Mbps	118.84 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-GO	20.71 Mbps	71.45 Mbps	92.16 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-MA	10.67 Mbps	67.90 Mbps	78.57 Mbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



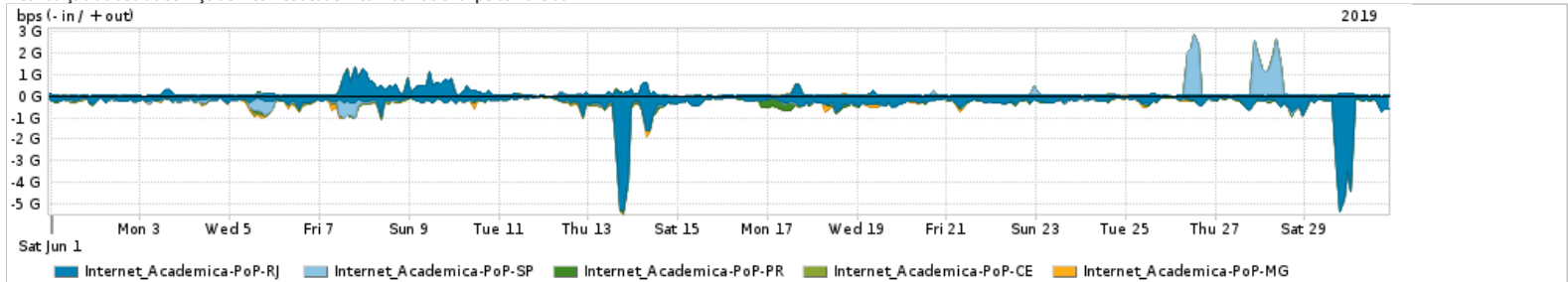
Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	709.56 Mbps	627.40 Mbps	1.34 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sudeste	331.81 Mbps	916.13 Mbps	1.25 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	213.82 Mbps	660.26 Mbps	874.08 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	143.78 Mbps	258.07 Mbps	401.85 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	49.75 Mbps	249.64 Mbps	299.39 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

No Data Available

Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

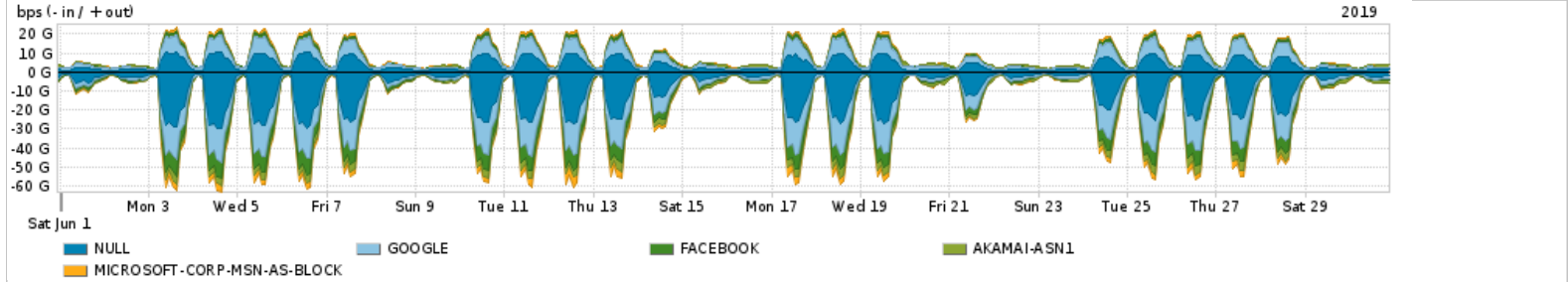
	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	PoP-RJ	353.74 Mbps	97.53 Mbps	451.27 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-SP	39.65 Mbps	73.83 Mbps	113.48 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-PR	25.11 Mbps	2.23 Mbps	27.34 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-CE	14.41 Mbps	638.06 Kbps	15.05 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-MG	12.52 Mbps	1.67 Mbps	14.18 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-SC	2.61 Mbps	4.54 Mbps	7.16 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-BA	105.11 Kbps	5.54 Mbps	5.65 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RS	818.37 Kbps	4.56 Mbps	5.38 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RN	619.50 Kbps	1.84 Mbps	2.45 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Academica	PoP-DF	1.32 Mbps	905.10 Kbps	2.23 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PA	1.14 Mbps	313.56 Kbps	1.45 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PB	289.08 Kbps	419.24 Kbps	708.33 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-ES	156.87 Kbps	516.64 Kbps	673.51 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-PE	275.61 Kbps	388.21 Kbps	663.82 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-RO	438.82 Kbps	22.94 Kbps	461.76 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

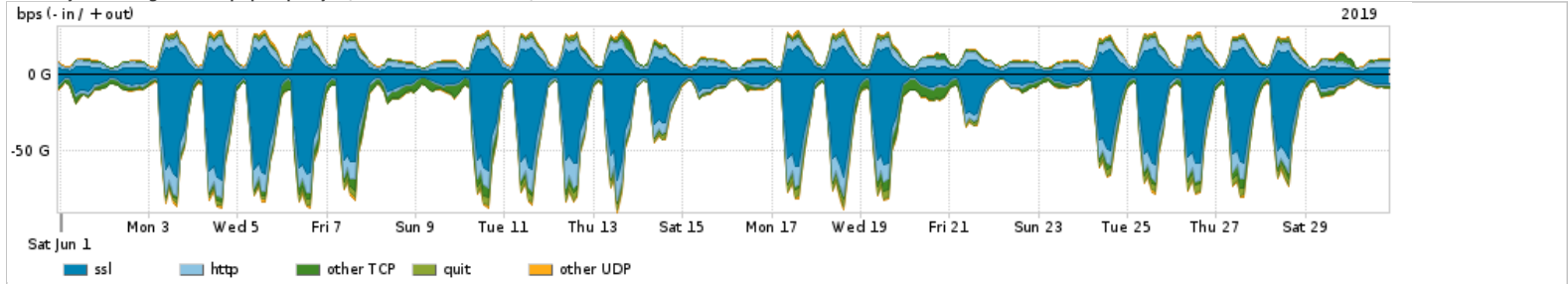
No Data Available

Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	8.78 Gbps	3.44 Gbps	12.22 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	5.18 Gbps	3.40 Gbps	8.57 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.56 Gbps	497.19 Mbps	3.06 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.66 Gbps	652.98 Mbps	2.32 Gbps
<input checked="" type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8068	1.11 Gbps	406.78 Mbps	1.52 Gbps
<input type="checkbox"/>	AMAZON-02	16509	1.01 Gbps	269.44 Mbps	1.28 Gbps
<input type="checkbox"/>	CLARO	28573	197.05 Mbps	1.04 Gbps	1.24 Gbps
<input type="checkbox"/>	EDGECAST	15133	831.55 Mbps	23.57 Mbps	855.12 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	350.22 Mbps	470.27 Mbps	820.49 Mbps
<input type="checkbox"/>	ASGARR	137	675.34 Mbps	67.83 Mbps	743.17 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	681.19 Mbps	33.51 Mbps	714.70 Mbps
<input type="checkbox"/>	ANDT-UY	6057	13.95 Mbps	670.25 Mbps	684.20 Mbps
<input type="checkbox"/>	SSI	2906	611.85 Mbps	21.40 Mbps	633.24 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SA-BR	18881	88.34 Mbps	506.33 Mbps	594.67 Mbps
<input type="checkbox"/>	APPLE-ENGINEERING	714	196.93 Mbps	334.79 Mbps	531.72 Mbps

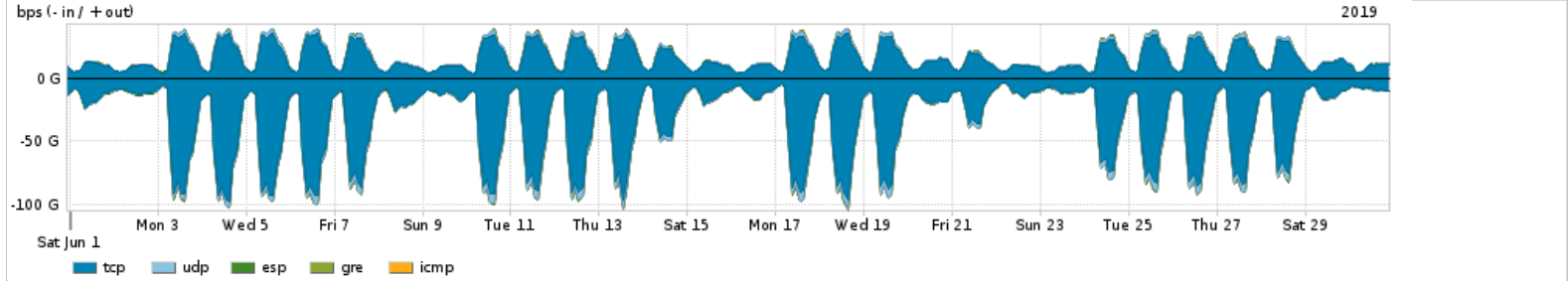
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/> ssl	20.43 Gbps	7.09 Gbps	27.51 Gbps
<input checked="" type="checkbox"/> http	4.37 Gbps	3.61 Gbps	7.98 Gbps
<input checked="" type="checkbox"/> other TCP	2.77 Gbps	983.18 Mbps	3.76 Gbps
<input checked="" type="checkbox"/> quit	1.36 Gbps	553.01 Mbps	1.91 Gbps
<input checked="" type="checkbox"/> other UDP	549.89 Mbps	643.74 Mbps	1.19 Gbps
<input type="checkbox"/> rsync	82.25 Mbps	59.98 Mbps	142.24 Mbps
<input type="checkbox"/> ssh	71.71 Mbps	61.64 Mbps	133.35 Mbps
<input type="checkbox"/> dns	34.87 Mbps	34.58 Mbps	69.44 Mbps
<input type="checkbox"/> smtp	19.99 Mbps	46.03 Mbps	66.02 Mbps
<input type="checkbox"/> stun	32.05 Mbps	31.84 Mbps	63.89 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/> tcp	32.71 Gbps	15.81 Gbps	48.52 Gbps
<input checked="" type="checkbox"/> udp	2.16 Gbps	1.38 Gbps	3.54 Gbps
<input checked="" type="checkbox"/> esp	147.19 Mbps	48.86 Mbps	196.05 Mbps
<input checked="" type="checkbox"/> gre	15.48 Mbps	106.97 Mbps	122.45 Mbps
<input checked="" type="checkbox"/> icmp	22.01 Mbps	26.04 Mbps	48.05 Mbps
<input type="checkbox"/> ipv6-icmp	1.70 Mbps	3.66 Mbps	5.36 Mbps
<input type="checkbox"/> ipv6	2.31 Mbps	1.27 Mbps	3.58 Mbps
<input type="checkbox"/> ipencap	529.00 bps	12.00 bps	541.00 bps
<input type="checkbox"/> 114	19.00 bps	0.00 bps	19.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	rsvp	0.00 bps	19.00 bps	19.00 bps

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