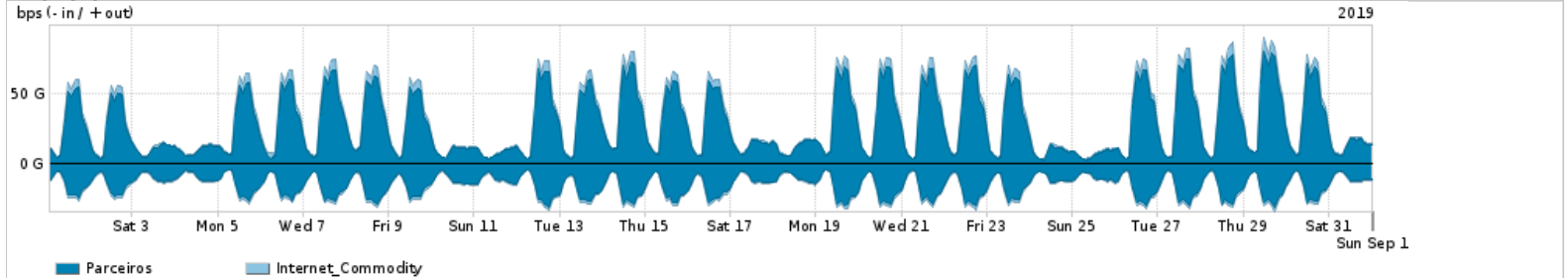


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

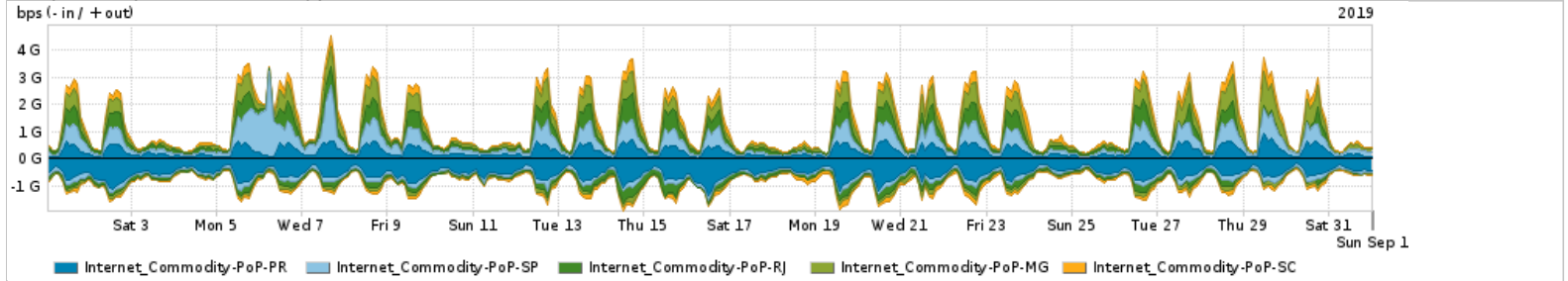
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	14.94 Gbps	27.51 Gbps	42.44 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.34 Gbps	2.93 Gbps	4.26 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

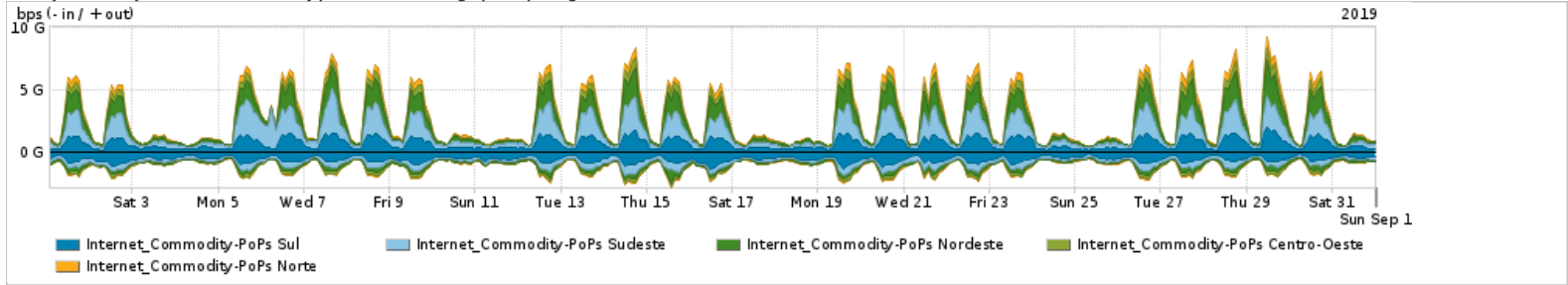


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	527.76 Mbps	264.38 Mbps	792.14 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SP	110.68 Mbps	347.07 Mbps	457.75 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RJ	118.72 Mbps	243.64 Mbps	362.36 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	65.15 Mbps	275.59 Mbps	340.73 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SC	73.52 Mbps	160.05 Mbps	233.58 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-DF	87.03 Mbps	144.16 Mbps	231.19 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RS	23.28 Mbps	199.17 Mbps	222.46 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-CE	17.35 Mbps	127.12 Mbps	144.47 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PB	51.10 Mbps	85.86 Mbps	136.96 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RN	30.63 Mbps	105.95 Mbps	136.58 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-BA	22.75 Mbps	109.03 Mbps	131.78 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	26.27 Mbps	105.45 Mbps	131.72 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-PA	11.59 Mbps	93.73 Mbps	105.32 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-GO	17.61 Mbps	63.38 Mbps	81.00 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-ES	18.07 Mbps	57.11 Mbps	75.18 Mbps

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



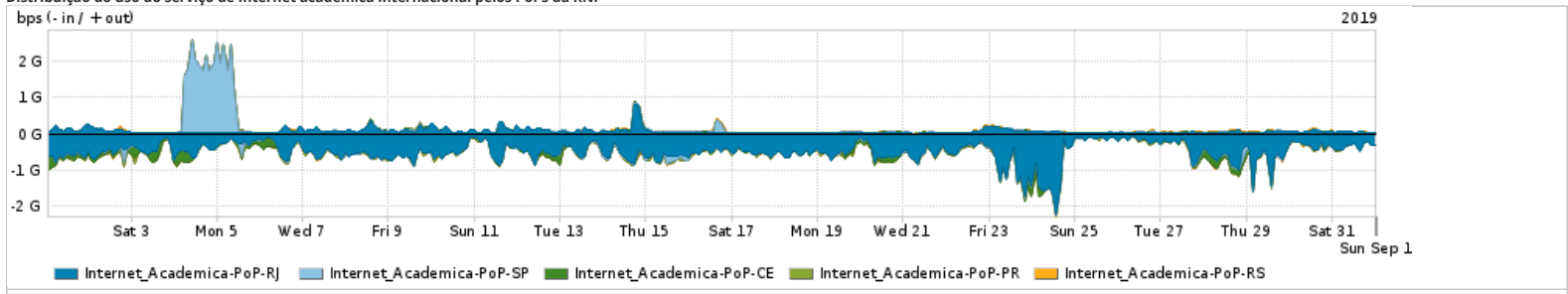
Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	624.57 Mbps	623.61 Mbps	1.25 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sudeste	312.61 Mbps	923.41 Mbps	1.24 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	188.91 Mbps	692.35 Mbps	881.26 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	123.86 Mbps	269.22 Mbps	393.08 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	46.23 Mbps	219.55 Mbps	265.78 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

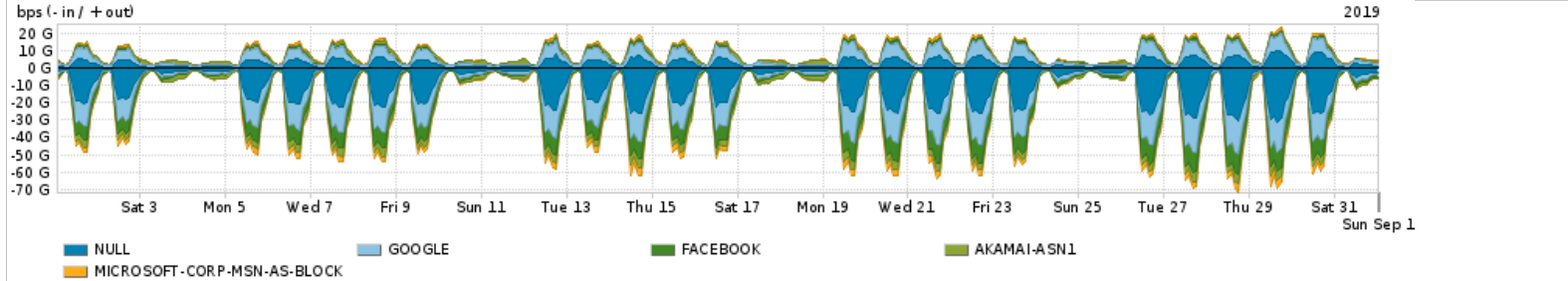
	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	PoP-RJ	513.38 Mbps	60.90 Mbps	574.28 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-SP	17.06 Mbps	92.48 Mbps	109.54 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-CE	36.40 Mbps	2.39 Mbps	38.79 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-PR	17.58 Mbps	2.01 Mbps	19.59 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-RS	1.24 Mbps	4.87 Mbps	6.11 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-SC	1.99 Mbps	2.52 Mbps	4.51 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-MG	1.23 Mbps	2.62 Mbps	3.85 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RN	231.17 Kbps	2.82 Mbps	3.05 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-DF	1.41 Mbps	1.54 Mbps	2.94 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Academica	PoP-ES	742.10 Kbps	1.02 Mbps	1.76 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-BA	172.14 Kbps	1.32 Mbps	1.49 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RO	1.14 Mbps	18.79 Kbps	1.16 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PE	318.78 Kbps	340.36 Kbps	659.14 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-PA	263.81 Kbps	306.55 Kbps	570.36 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-PB	222.16 Kbps	225.07 Kbps	447.23 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

No Data Available

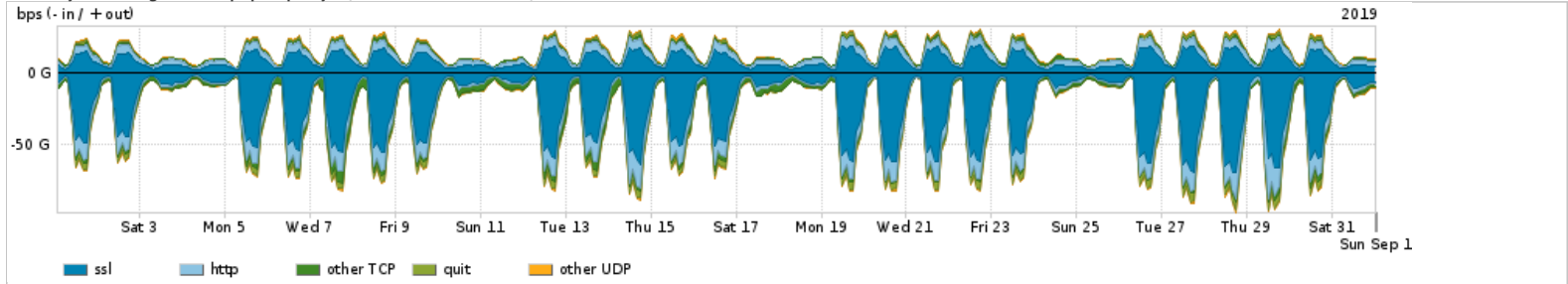
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	9.36 Gbps	2.51 Gbps	11.87 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	5.77 Gbps	3.48 Gbps	9.25 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	3.89 Gbps	440.12 Mbps	4.33 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	2.22 Gbps	1.00 Gbps	3.23 Gbps
<input checked="" type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8068	1.33 Gbps	526.20 Mbps	1.86 Gbps
<input type="checkbox"/>	AMAZON-02	16509	1.10 Gbps	335.25 Mbps	1.44 Gbps
<input type="checkbox"/>	EDGECAST	15133	1.35 Gbps	36.38 Mbps	1.39 Gbps
<input type="checkbox"/>	CLARO	28573	221.97 Mbps	974.01 Mbps	1.20 Gbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	347.96 Mbps	548.59 Mbps	896.55 Mbps
<input type="checkbox"/>	SSI	2906	811.33 Mbps	22.53 Mbps	833.86 Mbps
<input type="checkbox"/>	ANDT-UY	6057	15.61 Mbps	801.74 Mbps	817.34 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	678.33 Mbps	33.77 Mbps	712.10 Mbps
<input type="checkbox"/>	KREONET2-AS-KR	17579	612.05 Mbps	0.00 bps	612.05 Mbps
<input type="checkbox"/>	TELEFONICA-BRASIL-SA-BR	18881	91.84 Mbps	478.31 Mbps	570.15 Mbps
<input type="checkbox"/>	APPLE-ENGINEERING	714	201.20 Mbps	362.32 Mbps	563.52 Mbps

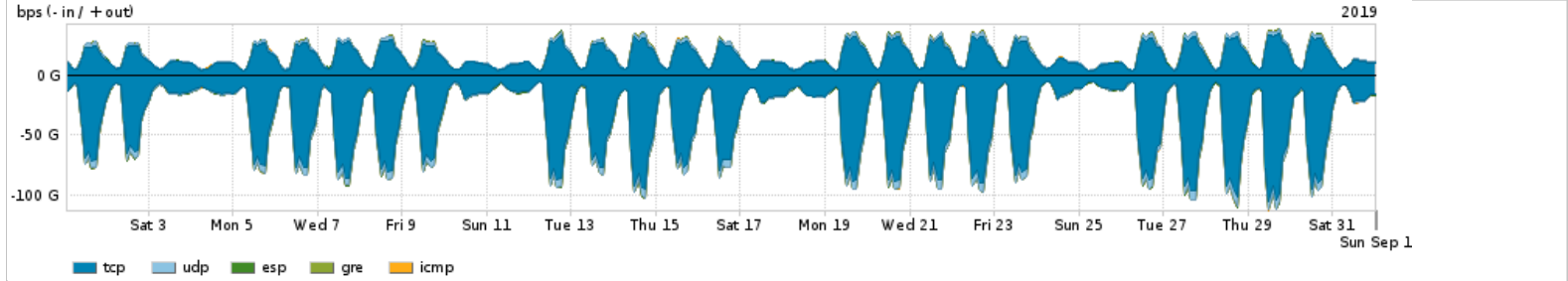
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/> ssl	22.56 Gbps	7.79 Gbps	30.35 Gbps
<input checked="" type="checkbox"/> http	5.33 Gbps	3.67 Gbps	8.99 Gbps
<input checked="" type="checkbox"/> other TCP	2.73 Gbps	1.10 Gbps	3.82 Gbps
<input checked="" type="checkbox"/> quit	1.65 Gbps	616.12 Mbps	2.26 Gbps
<input checked="" type="checkbox"/> other UDP	592.45 Mbps	653.64 Mbps	1.25 Gbps
<input type="checkbox"/> rsync	87.12 Mbps	67.34 Mbps	154.46 Mbps
<input type="checkbox"/> ssh	83.51 Mbps	62.04 Mbps	145.55 Mbps
<input type="checkbox"/> dns	37.28 Mbps	33.50 Mbps	70.78 Mbps
<input type="checkbox"/> stun	35.05 Mbps	34.26 Mbps	69.31 Mbps
<input type="checkbox"/> smtp	23.22 Mbps	37.61 Mbps	60.82 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/> tcp	36.08 Gbps	15.80 Gbps	51.88 Gbps
<input checked="" type="checkbox"/> udp	2.49 Gbps	1.44 Gbps	3.93 Gbps
<input checked="" type="checkbox"/> esp	246.51 Mbps	83.87 Mbps	330.38 Mbps
<input checked="" type="checkbox"/> gre	20.26 Mbps	125.78 Mbps	146.04 Mbps
<input checked="" type="checkbox"/> icmp	21.95 Mbps	25.54 Mbps	47.49 Mbps
<input type="checkbox"/> ipv6-icmp	1.78 Mbps	2.76 Mbps	4.55 Mbps
<input type="checkbox"/> ipv6	2.44 Mbps	1.53 Mbps	3.97 Mbps
<input type="checkbox"/> 61	1.84 Kbps	0.00 bps	1.84 Kbps
<input type="checkbox"/> ipencap	648.00 bps	31.00 bps	679.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	sctp	457.00 bps	0.00 bps	457.00 bps

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