

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

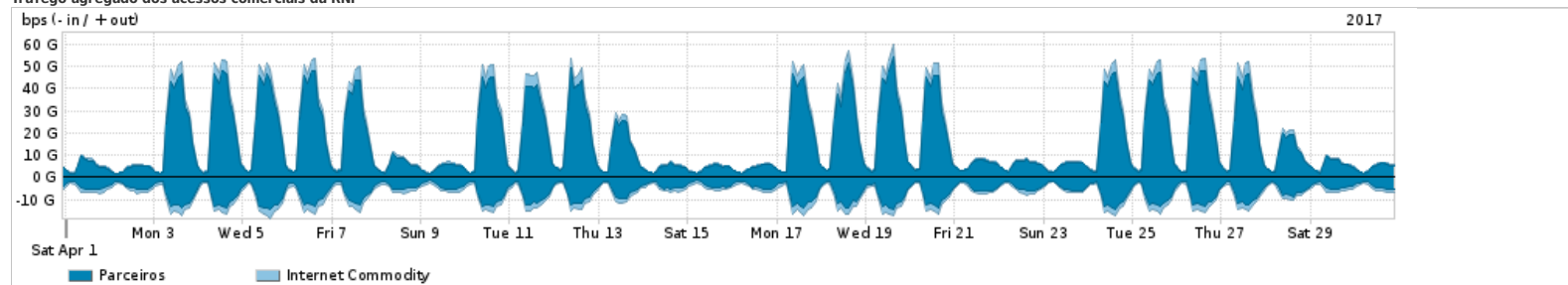
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

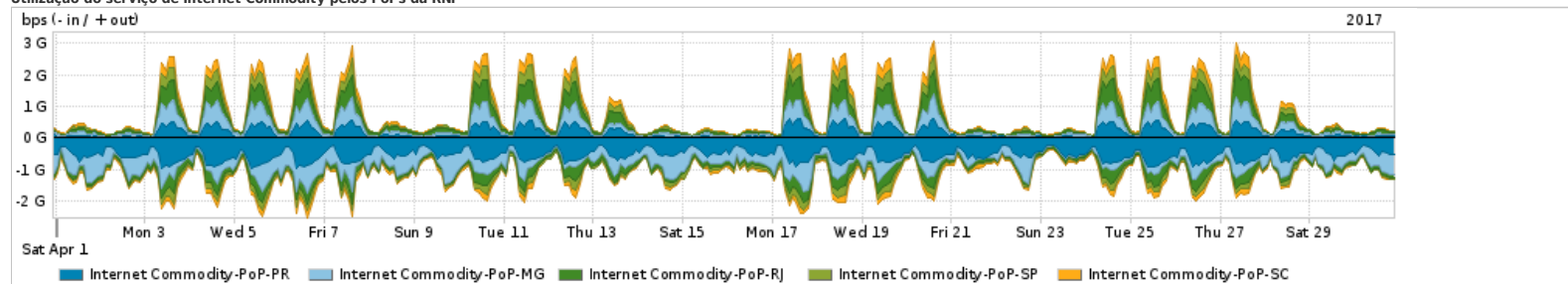
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		6.32 Gbps	15.78 Gbps	22.10 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.63 Gbps	1.76 Gbps	3.39 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

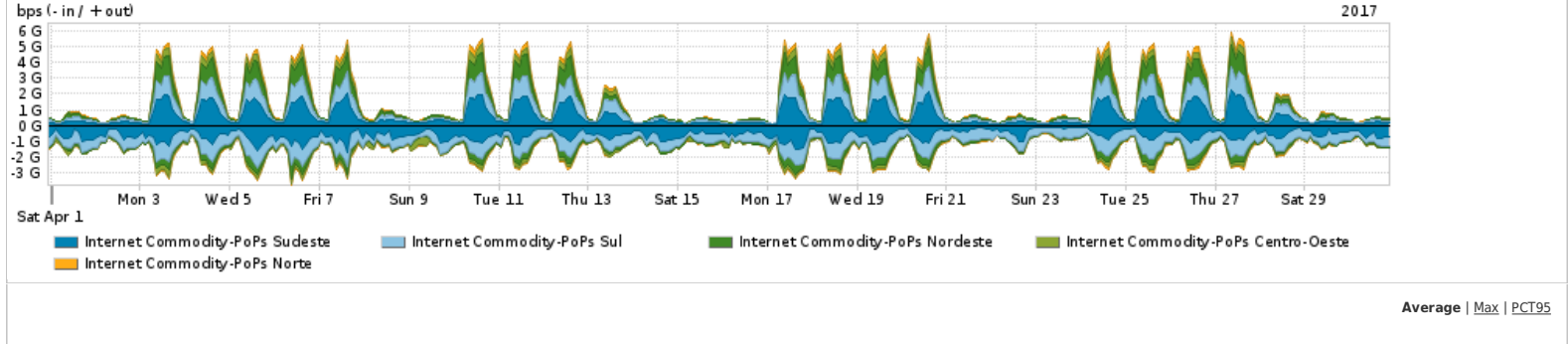


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	538.78 Mbps	169.92 Mbps	708.70 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	328.82 Mbps	201.75 Mbps	530.57 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	160.33 Mbps	214.84 Mbps	375.17 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	95.28 Mbps	130.68 Mbps	225.96 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SC	77.77 Mbps	112.83 Mbps	190.60 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	20.71 Mbps	158.74 Mbps	179.45 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	74.41 Mbps	70.28 Mbps	144.68 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	31.48 Mbps	61.68 Mbps	93.16 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	38.83 Mbps	52.78 Mbps	91.61 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	22.41 Mbps	59.20 Mbps	81.62 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	17.17 Mbps	60.76 Mbps	77.94 Mbps

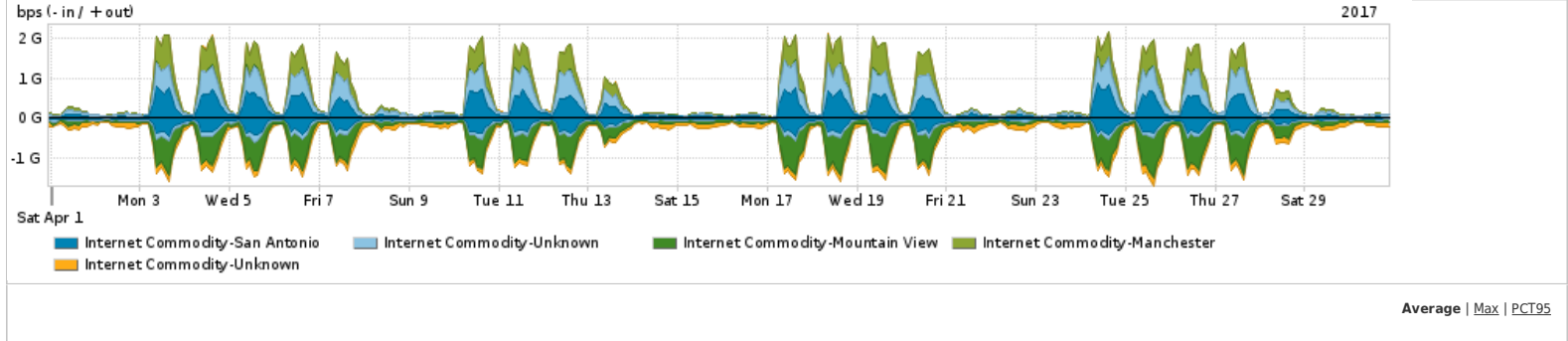
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PB	29.69 Mbps	43.34 Mbps	73.03 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	26.59 Mbps	35.03 Mbps	61.62 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	24.65 Mbps	33.00 Mbps	57.65 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	18.57 Mbps	38.38 Mbps	56.95 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	609.09 Mbps	580.26 Mbps	1.19 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	637.26 Mbps	441.49 Mbps	1.08 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	186.36 Mbps	373.03 Mbps	559.39 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	104.59 Mbps	138.37 Mbps	242.96 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	47.85 Mbps	103.14 Mbps	150.99 Mbps

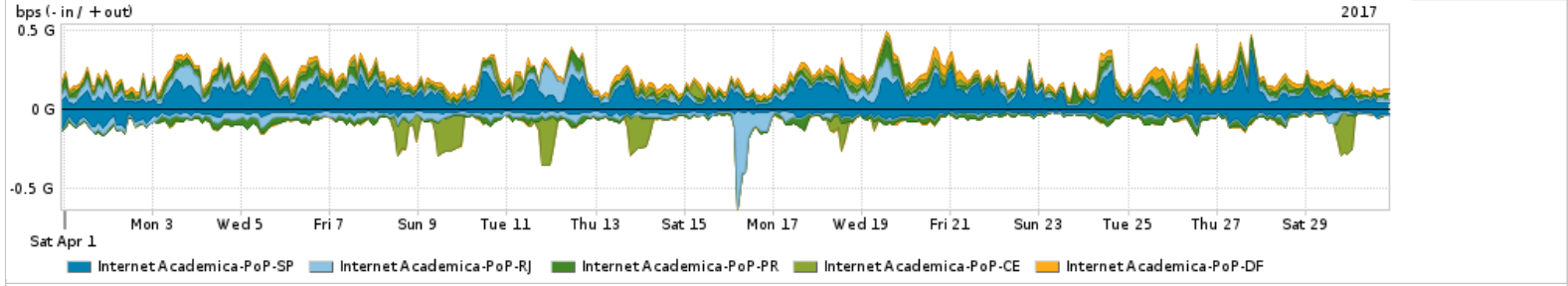
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	San Antonio	112.49 Mbps	184.50 Mbps	296.99 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	53.55 Mbps	209.65 Mbps	263.20 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Mountain View	249.31 Mbps	5.31 Mbps	254.62 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Manchester	6.40 Mbps	171.73 Mbps	178.14 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	99.37 Mbps	1.35 Mbps	100.72 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	13.48 Mbps	77.68 Mbps	91.16 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	19.90 Mbps	69.28 Mbps	89.18 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	7.62 Mbps	71.61 Mbps	79.23 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	13.34 Mbps	64.30 Mbps	77.64 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	12.77 Mbps	55.54 Mbps	68.31 Mbps

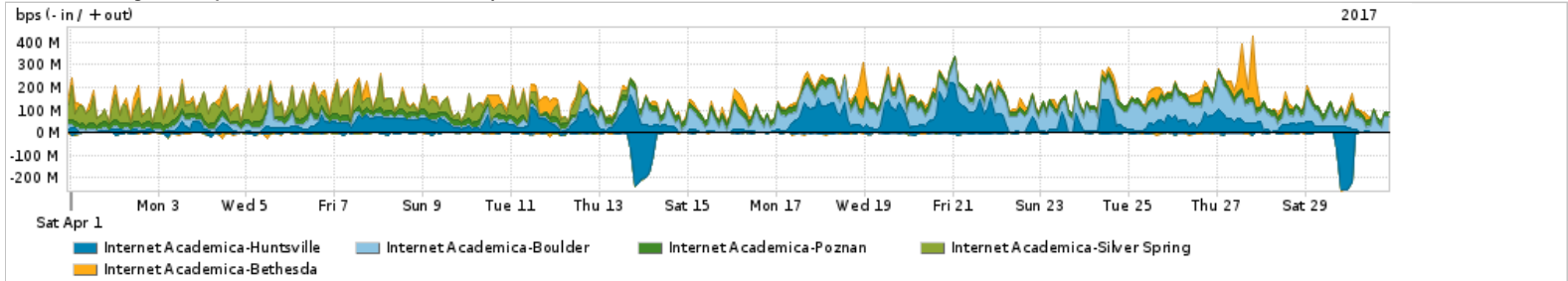
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	33.00 Mbps	94.48 Mbps	127.49 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	25.71 Mbps	30.17 Mbps	55.87 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	18.29 Mbps	27.86 Mbps	46.15 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	18.33 Mbps	16.89 Mbps	35.22 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	1.98 Mbps	28.41 Mbps	30.39 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	880.00 Kbps	21.14 Mbps	22.02 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	3.48 Mbps	17.39 Mbps	20.87 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	3.35 Mbps	16.93 Mbps	20.28 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.38 Mbps	16.87 Mbps	19.25 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	975.24 Kbps	6.20 Mbps	7.17 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	400.44 Kbps	4.99 Mbps	5.39 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.03 Mbps	2.69 Mbps	3.72 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	769.35 Kbps	2.57 Mbps	3.34 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	468.51 Kbps	1.70 Mbps	2.17 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	199.37 Kbps	1.45 Mbps	1.65 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

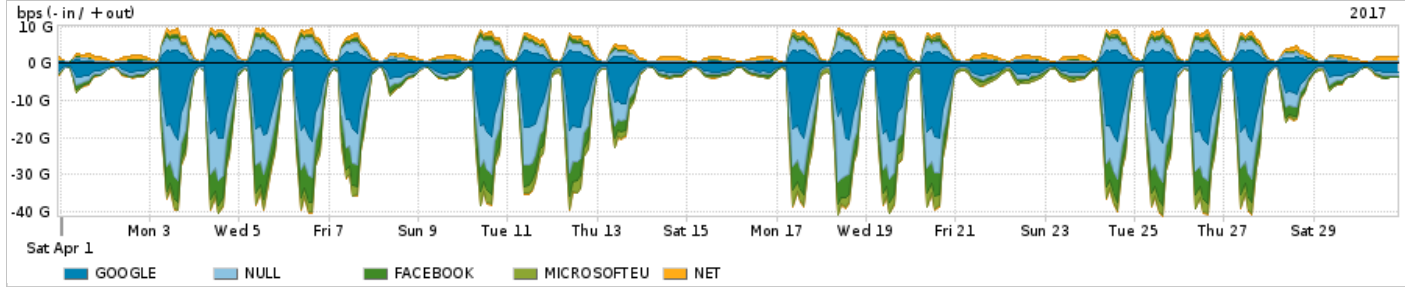


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	Huntsville	8.93 Mbps	41.52 Mbps	50.45 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Boulder	749.35 Kbps	44.67 Mbps	45.42 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Poznan	146.01 Kbps	23.41 Mbps	23.55 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Silver Spring	251.66 Kbps	21.98 Mbps	22.24 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bethesda	819.97 Kbps	16.09 Mbps	16.91 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.18 Mbps	12.28 Mbps	16.46 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.93 Mbps	12.18 Mbps	14.11 Mbps
<input type="checkbox"/>	Internet Academica	Amherst	75.66 Kbps	12.09 Mbps	12.17 Mbps
<input type="checkbox"/>	Internet Academica	Buenos Aires	11.52 Mbps	297.00 Kbps	11.82 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	6.54 Mbps	3.59 Mbps	10.13 Mbps

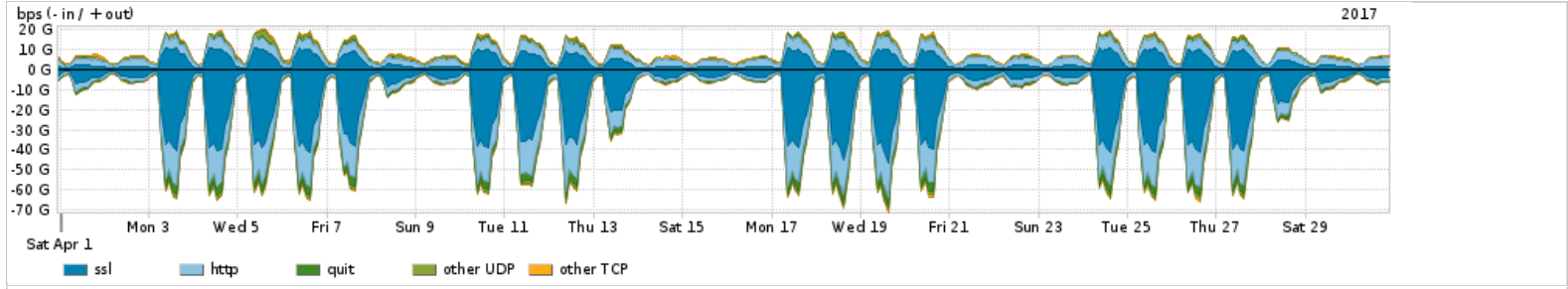
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	GOOGLE	15169	6.26 Gbps	1.27 Gbps	7.53 Gbps
<input checked="" type="checkbox"/>	NULL	0	3.41 Gbps	1.05 Gbps	4.46 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.12 Gbps	237.05 Mbps	2.35 Gbps
<input checked="" type="checkbox"/>	MICROSOFTU	8068	1.09 Gbps	157.49 Mbps	1.25 Gbps
<input checked="" type="checkbox"/>	NET	28573	127.73 Mbps	831.60 Mbps	959.33 Mbps
<input type="checkbox"/>	NETFLIX	2906	808.95 Mbps	13.01 Mbps	821.97 Mbps
<input type="checkbox"/>	AMAZON-02	16509	603.22 Mbps	146.22 Mbps	749.44 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	676.33 Mbps	23.67 Mbps	700.00 Mbps
<input type="checkbox"/>	TASCOM	52871	495.98 Mbps	12.88 Mbps	508.86 Mbps
<input type="checkbox"/>	GCEPSABR	28604	427.11 Mbps	23.88 Mbps	450.99 Mbps
<input type="checkbox"/>	ANDTUY	6057	8.93 Mbps	380.71 Mbps	389.64 Mbps
<input type="checkbox"/>	TELEFONICA-BRASIL-SABR	27699	74.72 Mbps	286.89 Mbps	361.61 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	152.79 Mbps	185.98 Mbps	338.77 Mbps
<input type="checkbox"/>	TNLSABR	7738	32.40 Mbps	286.99 Mbps	319.39 Mbps
<input type="checkbox"/>	APPLE	714	99.24 Mbps	202.30 Mbps	301.54 Mbps

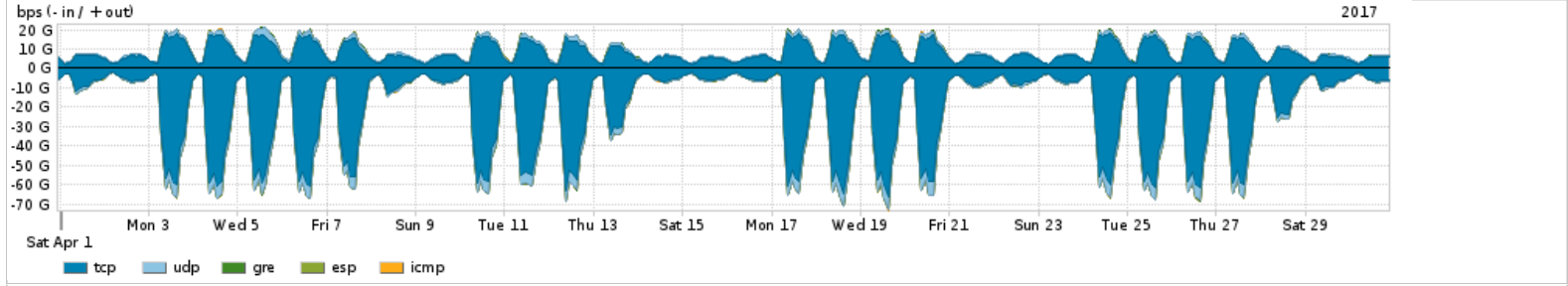
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	ssl		12.85 Gbps	3.75 Gbps	16.59 Gbps
<input checked="" type="checkbox"/>	http		6.07 Gbps	3.46 Gbps	9.52 Gbps
<input checked="" type="checkbox"/>	quit		1.35 Gbps	152.30 Mbps	1.50 Gbps
<input checked="" type="checkbox"/>	other UDP		516.45 Mbps	808.00 Mbps	1.32 Gbps
<input checked="" type="checkbox"/>	other TCP		517.12 Mbps	562.20 Mbps	1.08 Gbps
<input type="checkbox"/>	dns		30.33 Mbps	87.99 Mbps	118.32 Mbps
<input type="checkbox"/>	rsync		77.48 Mbps	31.14 Mbps	108.62 Mbps
<input type="checkbox"/>	ssh		55.82 Mbps	35.20 Mbps	91.02 Mbps
<input type="checkbox"/>	smtp		32.86 Mbps	42.00 Mbps	74.86 Mbps
<input type="checkbox"/>	macromedia-fcs		50.74 Mbps	23.88 Mbps	74.62 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		20.05 Gbps	8.11 Gbps	28.16 Gbps
<input checked="" type="checkbox"/>	udp		2.00 Gbps	1.06 Gbps	3.06 Gbps
<input checked="" type="checkbox"/>	gre		17.49 Mbps	90.57 Mbps	108.06 Mbps
<input checked="" type="checkbox"/>	esp		46.74 Mbps	13.49 Mbps	60.23 Mbps
<input checked="" type="checkbox"/>	icmp		6.13 Mbps	8.56 Mbps	14.69 Mbps
<input type="checkbox"/>	ipv6-icmp		969.91 Kbps	1.20 Mbps	2.17 Mbps
<input type="checkbox"/>	ah		1.17 Mbps	166.00 Kbps	1.34 Mbps
<input type="checkbox"/>	ipv6		909.06 Kbps	296.82 Kbps	1.21 Mbps
<input type="checkbox"/>	ipencap		1.46 Kbps	1.22 Kbps	2.68 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt		1.00 Kbps	132.00 bps 1.13 Kbps

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