

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

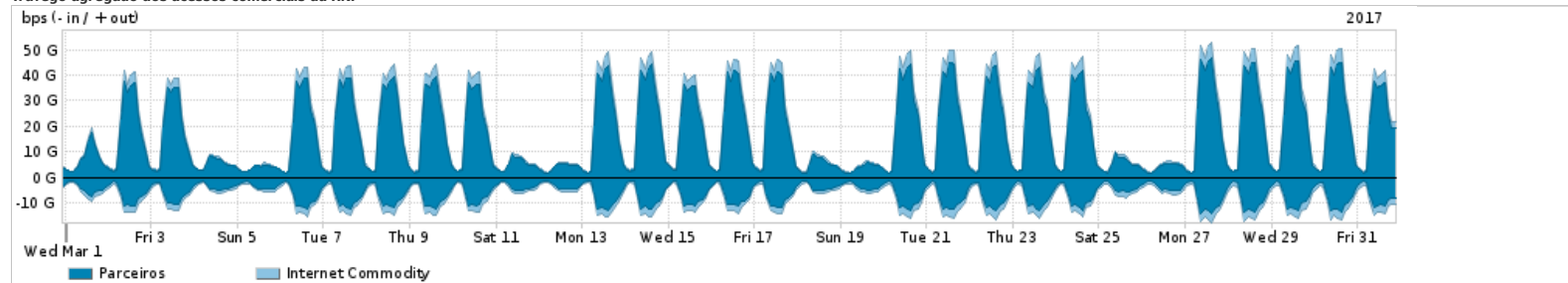
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

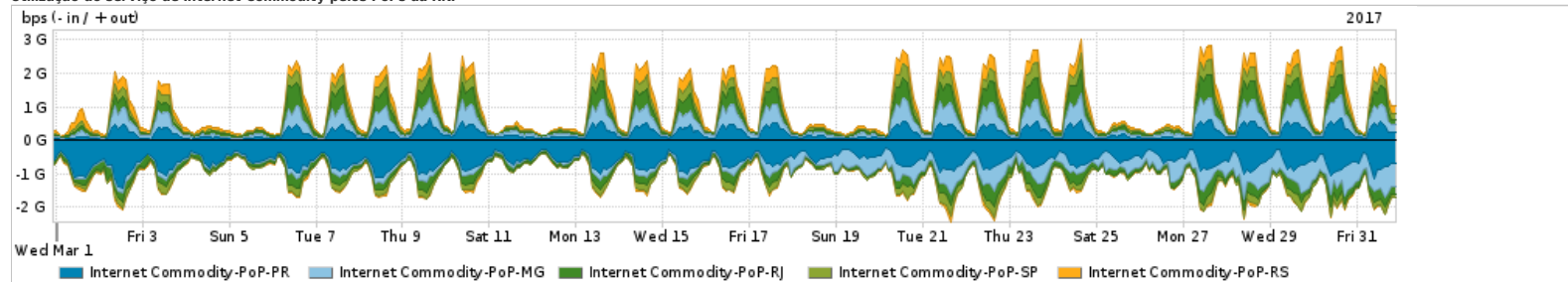
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		6.48 Gbps	16.55 Gbps	23.03 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.69 Gbps	1.98 Gbps	3.67 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

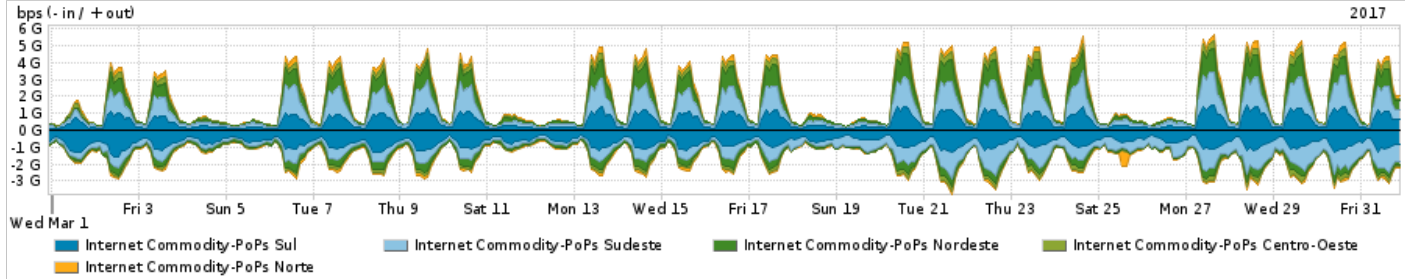


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	631.69 Mbps	210.16 Mbps	841.85 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	228.88 Mbps	239.85 Mbps	468.73 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	161.24 Mbps	211.14 Mbps	372.39 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	102.11 Mbps	143.69 Mbps	245.80 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RS	23.57 Mbps	179.53 Mbps	203.11 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	78.54 Mbps	117.08 Mbps	195.62 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	57.53 Mbps	79.75 Mbps	137.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	43.64 Mbps	68.98 Mbps	112.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	32.44 Mbps	68.28 Mbps	100.72 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	27.49 Mbps	72.33 Mbps	99.82 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	47.83 Mbps	51.25 Mbps	99.08 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	20.81 Mbps	69.92 Mbps	90.73 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	23.10 Mbps	48.53 Mbps	71.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	34.66 Mbps	35.72 Mbps	70.39 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	25.34 Mbps	39.58 Mbps	64.92 Mbps

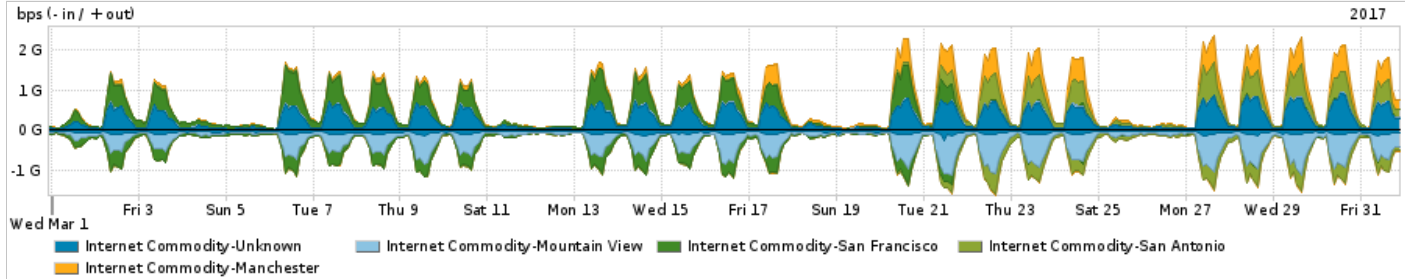
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	733.81 Mbps	506.77 Mbps	1.24 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	526.91 Mbps	630.40 Mbps	1.16 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	221.58 Mbps	442.97 Mbps	664.55 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	93.26 Mbps	149.17 Mbps	242.43 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	70.62 Mbps	122.28 Mbps	192.90 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

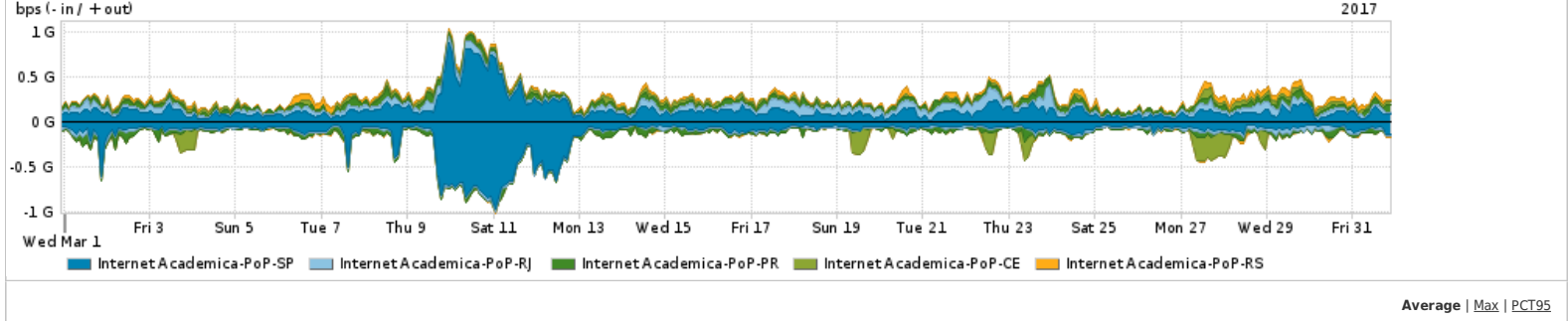


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	61.91 Mbps	264.53 Mbps	326.45 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Mountain View	255.97 Mbps	8.64 Mbps	264.61 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	82.92 Mbps	158.66 Mbps	241.58 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	San Antonio	63.57 Mbps	96.42 Mbps	159.99 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Manchester	3.89 Mbps	122.99 Mbps	126.88 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	25.75 Mbps	96.40 Mbps	122.15 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	100.56 Mbps	1.30 Mbps	101.86 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	15.11 Mbps	81.85 Mbps	96.96 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	11.86 Mbps	77.34 Mbps	89.21 Mbps

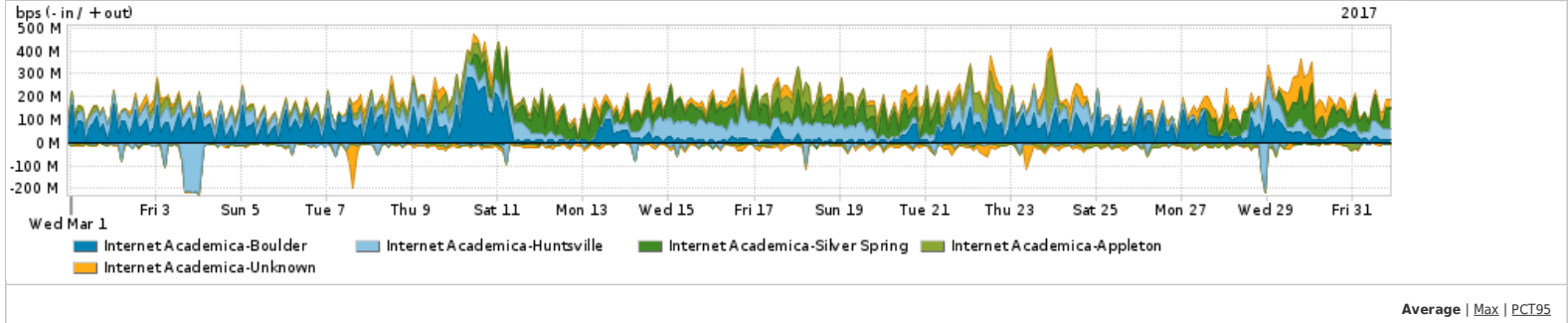
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	15.95 Mbps	66.97 Mbps	82.92 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	122.80 Mbps	143.88 Mbps	266.68 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	20.20 Mbps	51.25 Mbps	71.45 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	29.33 Mbps	40.07 Mbps	69.39 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	18.45 Mbps	22.76 Mbps	41.21 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RS	2.52 Mbps	27.61 Mbps	30.13 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	2.87 Mbps	20.40 Mbps	23.28 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	4.17 Mbps	15.60 Mbps	19.77 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	4.74 Mbps	12.89 Mbps	17.63 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	935.22 Kbps	16.25 Mbps	17.19 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	315.02 Kbps	6.64 Mbps	6.95 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	2.31 Mbps	4.37 Mbps	6.68 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	985.97 Kbps	5.25 Mbps	6.23 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	912.27 Kbps	3.09 Mbps	4.00 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	339.26 Kbps	1.93 Mbps	2.27 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	204.22 Kbps	1.68 Mbps	1.88 Mbps

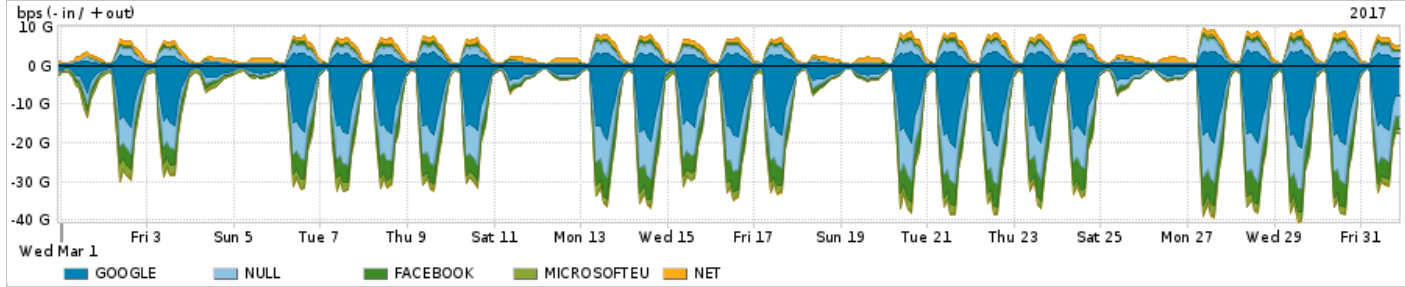
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	Boulder	1.05 Mbps	56.56 Mbps	57.61 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Huntsville	9.96 Mbps	47.29 Mbps	57.25 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Silver Spring	360.87 Kbps	32.08 Mbps	32.44 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Appleton	6.05 Mbps	24.29 Mbps	30.34 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Unknown	7.07 Mbps	21.86 Mbps	28.93 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	2.58 Mbps	21.62 Mbps	24.20 Mbps
<input type="checkbox"/>	Internet Academica	Cern	14.87 Mbps	3.57 Mbps	18.44 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	244.75 Kbps	17.16 Mbps	17.41 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	15.12 Mbps	1.65 Mbps	16.77 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	10.95 Mbps	4.80 Mbps	15.75 Mbps

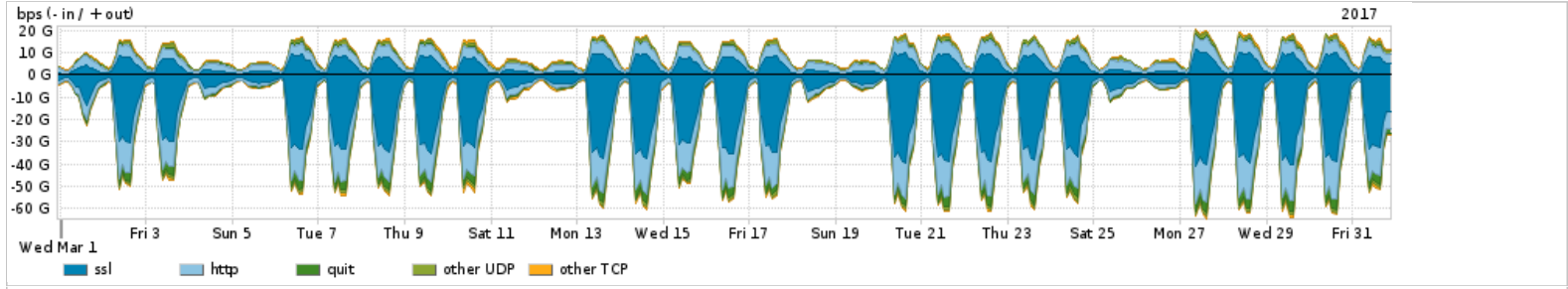
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	GOOGLE	15169	6.76 Gbps	1.37 Gbps	8.13 Gbps
<input checked="" type="checkbox"/>	NULL	0	3.59 Gbps	1.05 Gbps	4.64 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.31 Gbps	252.05 Mbps	2.56 Gbps
<input checked="" type="checkbox"/>	MICROSOFTU	8068	1.03 Gbps	152.34 Mbps	1.19 Gbps
<input checked="" type="checkbox"/>	NET	28573	141.74 Mbps	886.08 Mbps	1.03 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	801.36 Mbps	23.12 Mbps	824.47 Mbps
<input type="checkbox"/>	AMAZON-02	16509	595.31 Mbps	160.62 Mbps	755.94 Mbps
<input type="checkbox"/>	NETFLIX	2906	728.37 Mbps	11.13 Mbps	739.50 Mbps
<input type="checkbox"/>	TASCOM	52871	630.88 Mbps	17.27 Mbps	648.14 Mbps
<input type="checkbox"/>	GCEPSABR	28604	424.54 Mbps	25.03 Mbps	449.57 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	193.03 Mbps	219.51 Mbps	412.54 Mbps
<input type="checkbox"/>	TELEFONICA-BRASIL-SABR	27699	87.56 Mbps	308.97 Mbps	396.53 Mbps
<input type="checkbox"/>	DROPBOX	19679	251.05 Mbps	143.09 Mbps	394.14 Mbps
<input type="checkbox"/>	TNLSABR	7738	39.43 Mbps	304.86 Mbps	344.29 Mbps
<input type="checkbox"/>	APPLE	714	102.92 Mbps	239.50 Mbps	342.42 Mbps

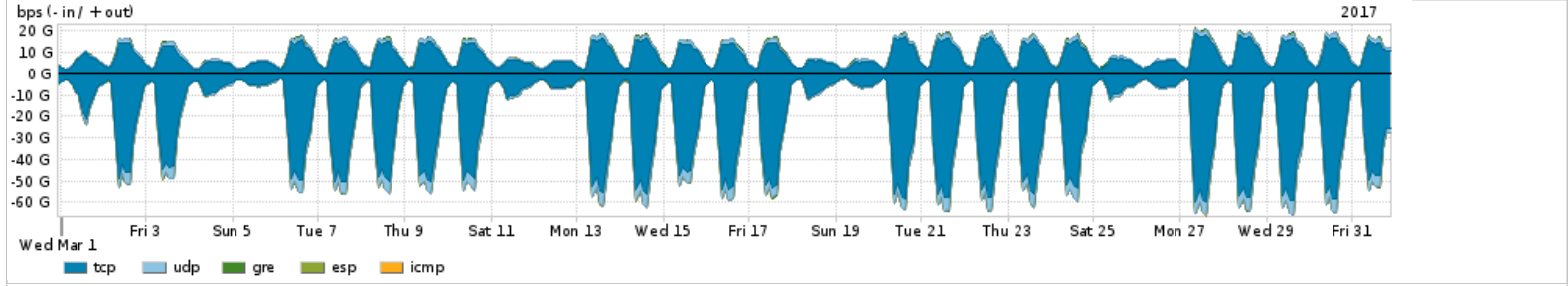
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	ssl		13.99 Gbps	3.95 Gbps
<input checked="" type="checkbox"/>	http		6.30 Gbps	3.49 Gbps
<input checked="" type="checkbox"/>	quit		1.43 Gbps	168.51 Mbps
<input checked="" type="checkbox"/>	other UDP		580.12 Mbps	866.84 Mbps
<input checked="" type="checkbox"/>	other TCP		647.37 Mbps	590.35 Mbps
<input type="checkbox"/>	rsync		103.80 Mbps	33.99 Mbps
<input type="checkbox"/>	dns		36.12 Mbps	58.19 Mbps
<input type="checkbox"/>	ssh		50.65 Mbps	43.23 Mbps
<input type="checkbox"/>	smtp		34.54 Mbps	39.94 Mbps
<input type="checkbox"/>	macromedia-fcs		48.40 Mbps	21.66 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp		21.64 Gbps	8.37 Gbps
<input checked="" type="checkbox"/>	udp		2.16 Gbps	1.14 Gbps
<input checked="" type="checkbox"/>	gre		19.32 Mbps	98.10 Mbps
<input checked="" type="checkbox"/>	esp		32.42 Mbps	16.08 Mbps
<input checked="" type="checkbox"/>	icmp		6.08 Mbps	8.91 Mbps
<input type="checkbox"/>	ipv6		1.41 Mbps	559.87 Kbps
<input type="checkbox"/>	ipv6-icmp		794.30 Kbps	1.14 Mbps
<input type="checkbox"/>	ah		1.39 Mbps	273.75 Kbps
<input type="checkbox"/>	ipencap		1.43 Kbps	3.14 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt		847.00 bps	19.00 bps 866.00 bps

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