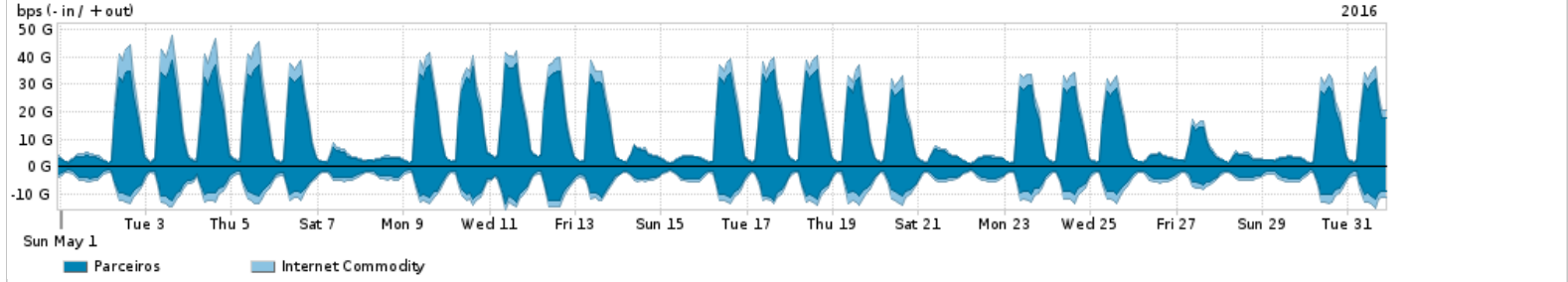


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

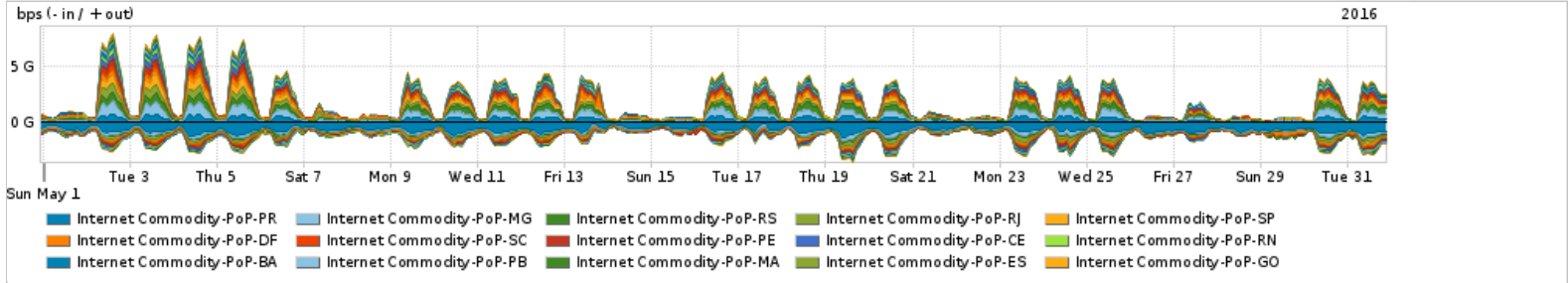
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		5.50 Gbps	12.34 Gbps	17.84 Gbps
<input type="checkbox"/> Internet Commodity		1.50 Gbps	2.14 Gbps	3.64 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

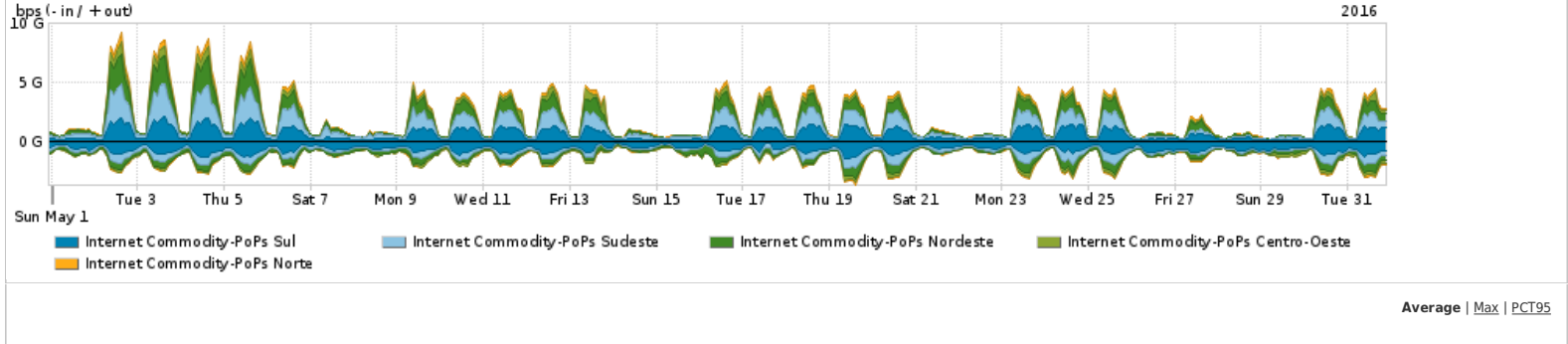


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	600.96 Mbps	212.62 Mbps	813.59 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	125.81 Mbps	267.97 Mbps	393.78 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	54.90 Mbps	237.36 Mbps	292.26 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	111.64 Mbps	146.68 Mbps	258.32 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	54.32 Mbps	201.32 Mbps	255.65 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	77.02 Mbps	93.43 Mbps	170.45 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	48.91 Mbps	106.50 Mbps	155.41 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	69.62 Mbps	73.32 Mbps	142.94 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	37.20 Mbps	99.28 Mbps	136.48 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	43.81 Mbps	73.11 Mbps	116.92 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	29.58 Mbps	83.34 Mbps	112.92 Mbps

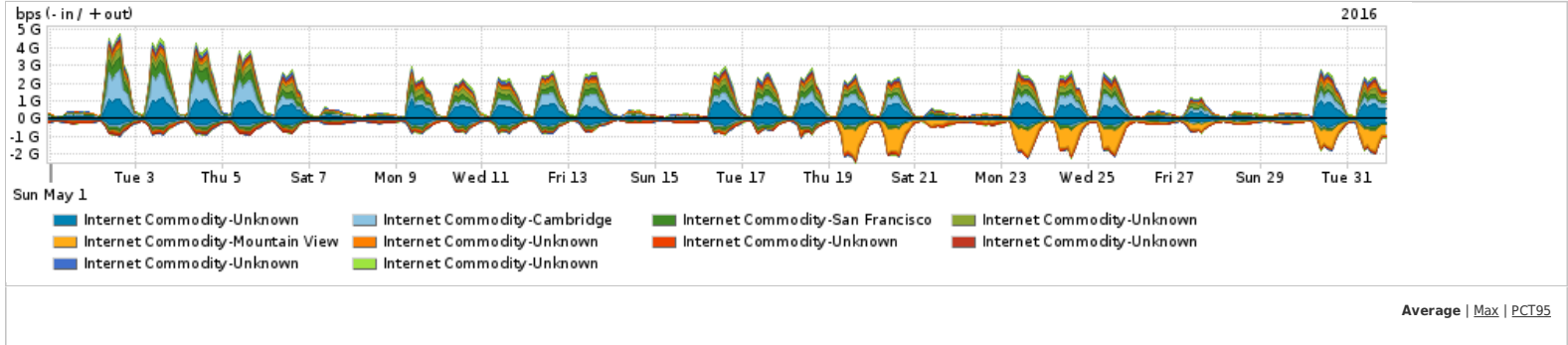
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PB	46.14 Mbps	53.34 Mbps	99.48 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	27.45 Mbps	45.96 Mbps	73.41 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	25.17 Mbps	42.28 Mbps	67.45 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	22.96 Mbps	42.23 Mbps	65.20 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoPs Sul	704.77 Mbps	556.49 Mbps	1.26 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	316.94 Mbps	658.26 Mbps	975.20 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	292.48 Mbps	514.79 Mbps	807.27 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	110.95 Mbps	170.61 Mbps	281.57 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	40.70 Mbps	134.72 Mbps	175.43 Mbps

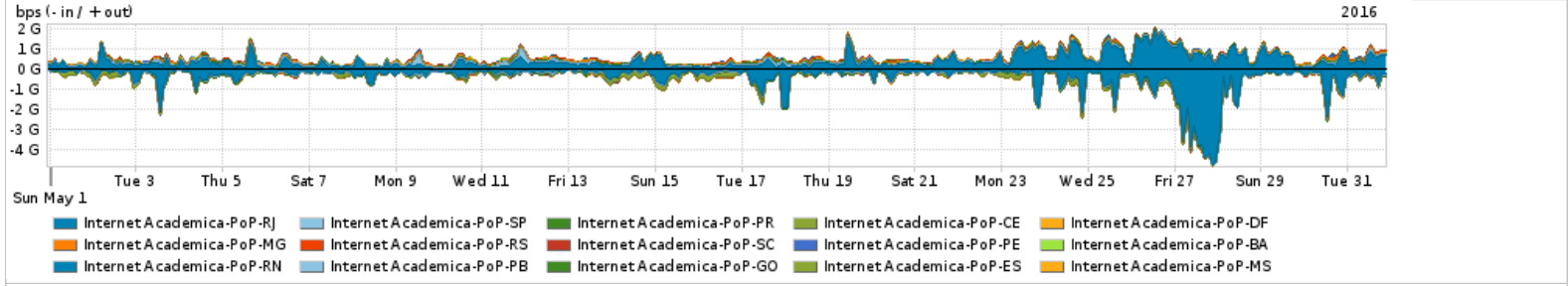
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	131.49 Mbps	322.66 Mbps	454.15 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	23.28 Mbps	206.77 Mbps	230.05 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	51.75 Mbps	130.28 Mbps	182.03 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	24.62 Mbps	141.50 Mbps	166.11 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	156.04 Mbps	6.53 Mbps	162.56 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	12.48 Mbps	85.23 Mbps	97.71 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	85.14 Mbps	341.57 Kbps	85.48 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	25.64 Mbps	57.67 Mbps	83.32 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	17.94 Mbps	54.24 Mbps	72.18 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	14.05 Mbps	55.14 Mbps	69.19 Mbps

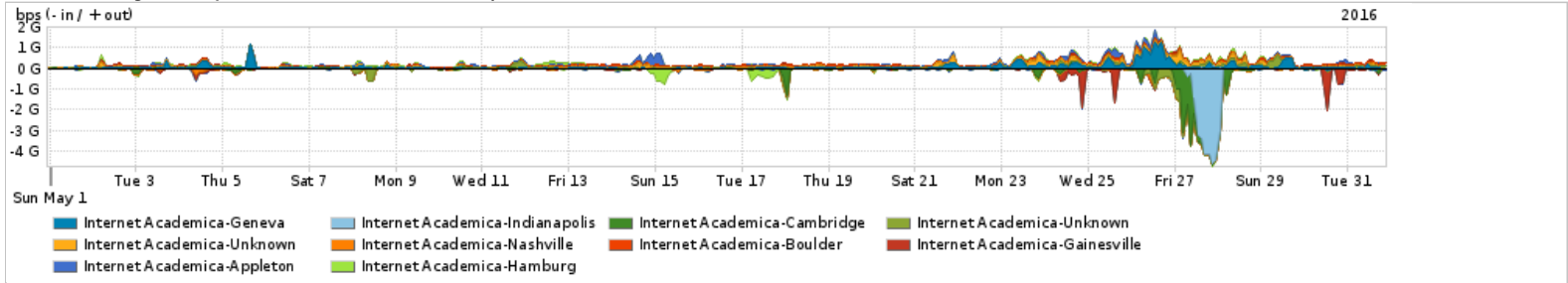
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	PoP-RJ	392.38 Mbps	384.70 Mbps	777.08 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SP	42.17 Mbps	67.40 Mbps	109.57 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PR	33.82 Mbps	27.94 Mbps	61.76 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-CE	52.99 Mbps	6.79 Mbps	59.78 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	3.68 Mbps	32.17 Mbps	35.85 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	5.78 Mbps	18.79 Mbps	24.57 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.49 Mbps	19.61 Mbps	22.10 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	3.82 Mbps	8.15 Mbps	11.97 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.58 Mbps	5.95 Mbps	7.53 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	1.14 Mbps	3.30 Mbps	4.44 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	696.42 Kbps	3.13 Mbps	3.82 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	1.02 Mbps	2.04 Mbps	3.06 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	544.15 Kbps	2.34 Mbps	2.88 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	575.09 Kbps	2.21 Mbps	2.78 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MS	192.60 Kbps	1.32 Mbps	1.52 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

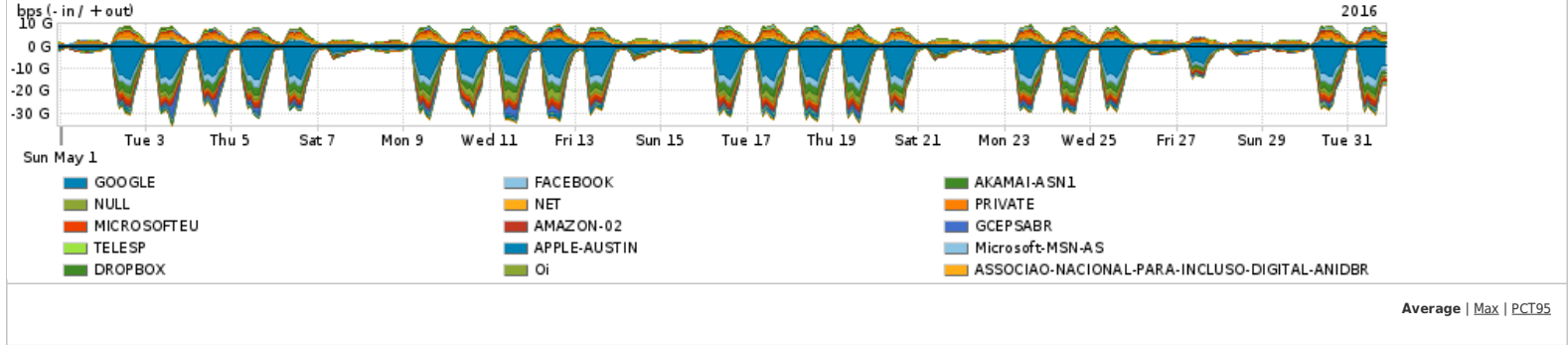


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Geneva	14.10 Mbps	69.39 Mbps	83.49 Mbps
<input type="checkbox"/>	Internet Acadêmica	Indianapolis	78.68 Mbps	261.80 Kbps	78.94 Mbps

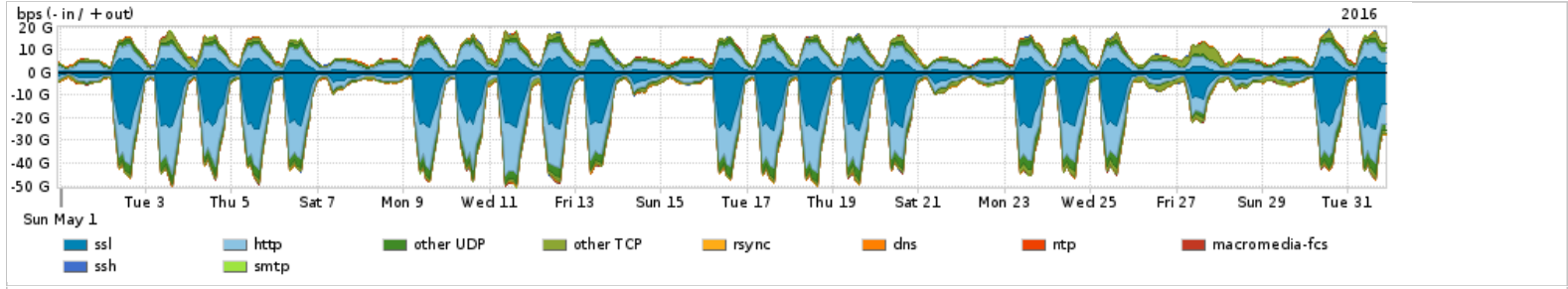
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Cambridge	61.12 Mbps	1.79 Mbps	62.90 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	26.43 Mbps	22.71 Mbps	49.15 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	5.77 Mbps	40.62 Mbps	46.39 Mbps
<input type="checkbox"/>	Internet Academica	Nashville	9.14 Mbps	35.31 Mbps	44.45 Mbps
<input type="checkbox"/>	Internet Academica	Boulder	1.53 Mbps	42.49 Mbps	44.01 Mbps
<input type="checkbox"/>	Internet Academica	Gainesville	36.62 Mbps	6.66 Mbps	43.28 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	5.03 Mbps	33.84 Mbps	38.87 Mbps
<input type="checkbox"/>	Internet Academica	Hamburg	17.62 Mbps	19.48 Mbps	37.10 Mbps

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 type="checkbox"/>	GOOGLE	15169	5.14 Gbps	887.39 Mbps	6.03 Gbps
<input type="checkbox"/>	FACEBOOK	32934	1.19 Gbps	164.32 Mbps	1.36 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.29 Gbps	54.81 Mbps	1.34 Gbps
<input type="checkbox"/>	NULL	0	897.50 Mbps	87.36 Mbps	984.86 Mbps
<input type="checkbox"/>	NET	28573	152.65 Mbps	827.65 Mbps	980.30 Mbps
<input type="checkbox"/>	PRIVATE	65011	230.29 Mbps	719.50 Mbps	949.79 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	582.82 Mbps	155.25 Mbps	738.08 Mbps
<input type="checkbox"/>	AMAZON-02	16509	467.58 Mbps	131.35 Mbps	598.93 Mbps
<input type="checkbox"/>	GCEPSABR	28604	443.68 Mbps	27.75 Mbps	471.43 Mbps
<input type="checkbox"/>	TELESP	27699	73.89 Mbps	298.85 Mbps	372.74 Mbps
<input type="checkbox"/>	APPLE-AUSTIN	6185	350.10 Mbps	7.17 Mbps	357.27 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	149.68 Mbps	201.69 Mbps	351.37 Mbps
<input type="checkbox"/>	DROPBOX	19679	222.63 Mbps	128.17 Mbps	350.80 Mbps
<input type="checkbox"/>	Oi	7738	44.80 Mbps	297.99 Mbps	342.79 Mbps
<input type="checkbox"/>	ASSOCIAO-NACIONAL-PARA-INCLUSO-DIGITAL-ANIDBR	28135	221.81 Mbps	17.68 Mbps	239.49 Mbps

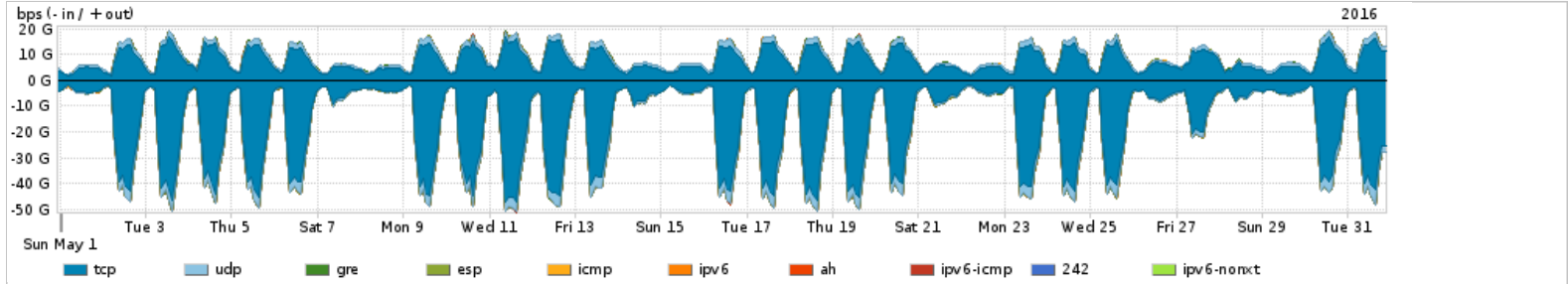
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL
<input type="checkbox"/>	ssl		8.73 Gbps	2.30 Gbps 11.03 Gbps
<input type="checkbox"/>	http		6.18 Gbps	3.61 Gbps 9.79 Gbps
<input type="checkbox"/>	other UDP		1.48 Gbps	1.09 Gbps 2.57 Gbps
<input type="checkbox"/>	other TCP		1.16 Gbps	1.23 Gbps 2.40 Gbps
<input type="checkbox"/>	rsync		143.99 Mbps	27.65 Mbps 171.64 Mbps
<input type="checkbox"/>	dns		50.09 Mbps	96.23 Mbps 146.32 Mbps
<input type="checkbox"/>	ntp		12.48 Mbps	91.48 Mbps 103.96 Mbps
<input type="checkbox"/>	macromedia-fcs		69.78 Mbps	27.14 Mbps 96.92 Mbps
<input type="checkbox"/>	ssh		35.67 Mbps	46.24 Mbps 81.91 Mbps
<input type="checkbox"/>	smtp		33.97 Mbps	41.65 Mbps 75.63 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	tcp		16.49 Gbps	7.46 Gbps 23.95 Gbps
<input type="checkbox"/>	udp		1.55 Gbps	1.28 Gbps 2.84 Gbps
<input type="checkbox"/>	gre		17.95 Mbps	64.00 Mbps 81.95 Mbps
<input type="checkbox"/>	esp		32.81 Mbps	13.08 Mbps 45.89 Mbps
<input type="checkbox"/>	icmp		6.08 Mbps	7.63 Mbps 13.71 Mbps
<input type="checkbox"/>	ipv6		2.36 Mbps	1.43 Mbps 3.79 Mbps
<input type="checkbox"/>	ah		729.70 Kbps	1.20 Mbps 1.93 Mbps
<input type="checkbox"/>	ipv6-icmp		79.65 Kbps	156.36 Kbps 236.01 Kbps
<input type="checkbox"/>	242		0.00 bps	361.00 bps 361.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt		104.00 bps	146.00 bps 250.00 bps

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