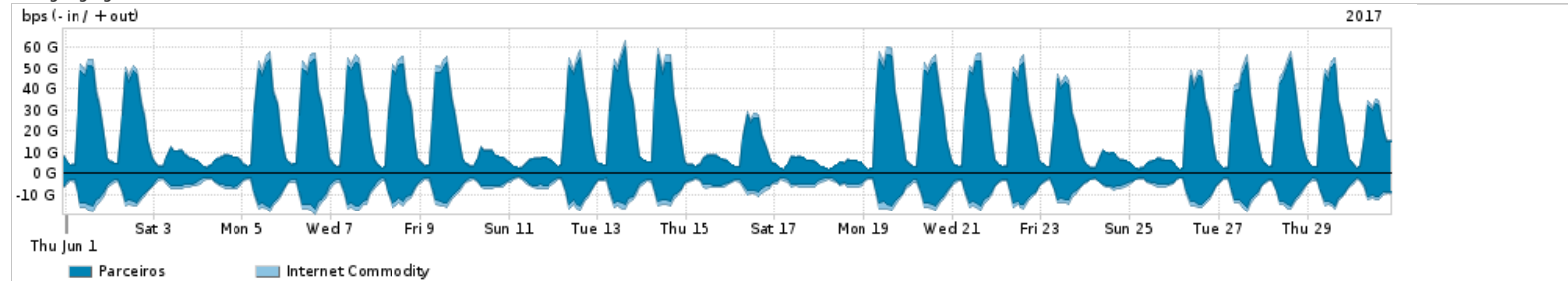


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

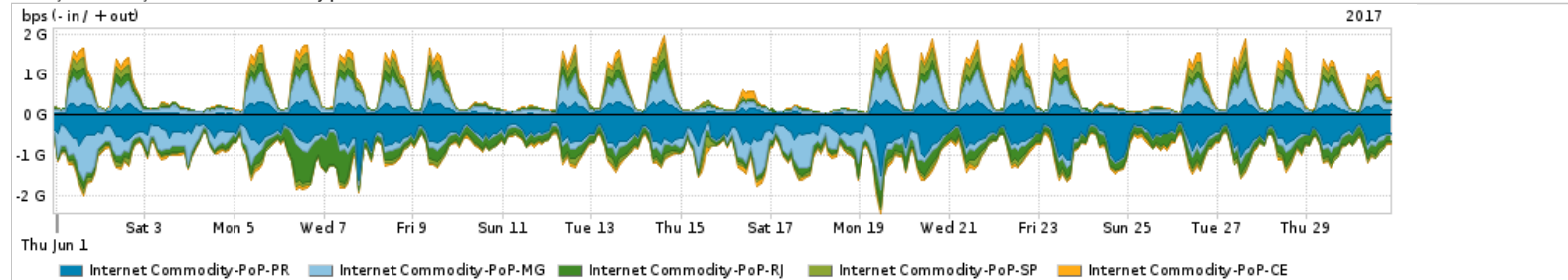
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		7.33 Gbps	19.92 Gbps	27.25 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.44 Gbps	1.23 Gbps	2.67 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

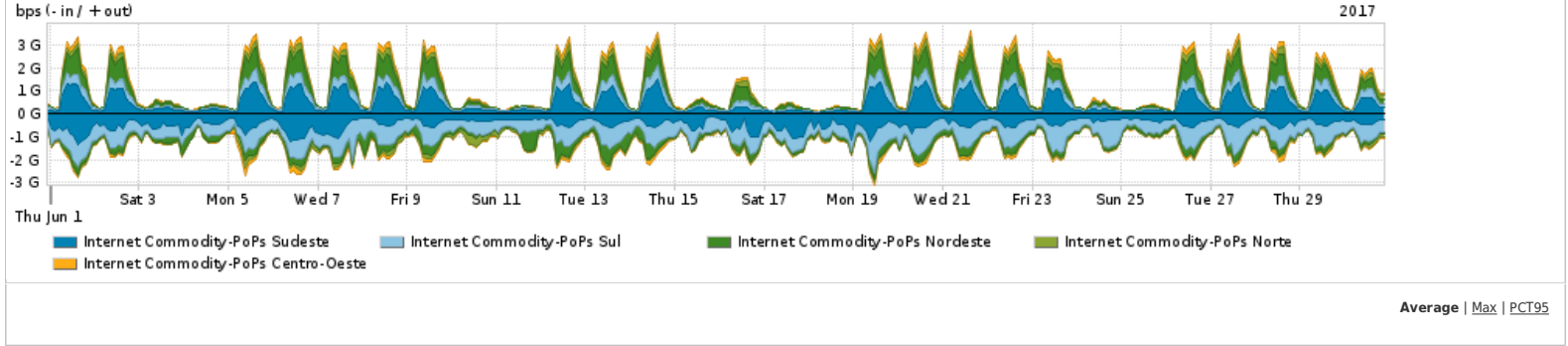


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	506.80 Mbps	115.72 Mbps	622.52 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	183.39 Mbps	239.23 Mbps	422.63 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	197.00 Mbps	69.18 Mbps	266.18 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	55.89 Mbps	91.54 Mbps	147.42 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-CE	41.66 Mbps	71.63 Mbps	113.30 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	77.36 Mbps	29.81 Mbps	107.17 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	26.82 Mbps	58.92 Mbps	85.73 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	22.66 Mbps	58.41 Mbps	81.06 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	30.94 Mbps	42.74 Mbps	73.68 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	17.50 Mbps	43.82 Mbps	61.32 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	37.70 Mbps	20.98 Mbps	58.68 Mbps

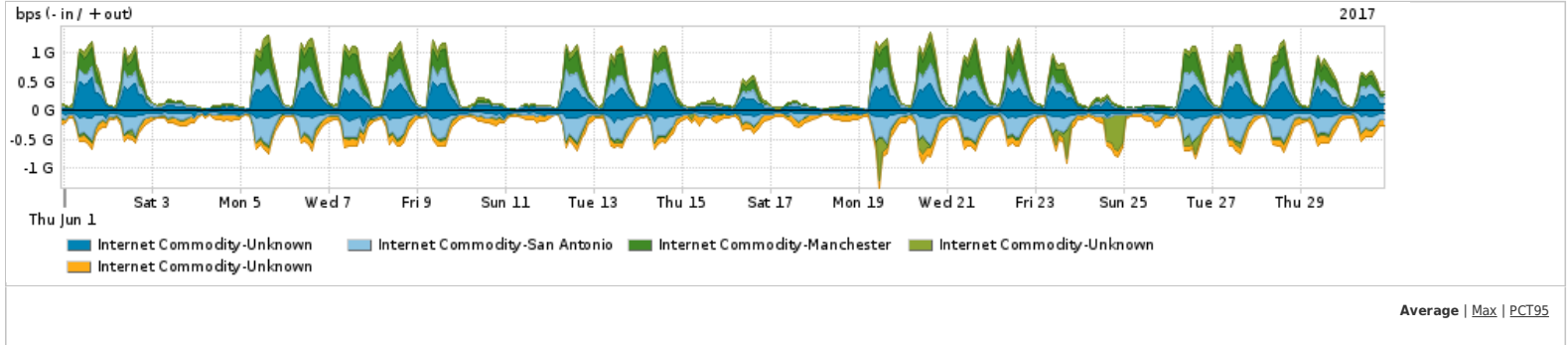
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-AL	42.98 Mbps	14.72 Mbps	57.70 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	19.58 Mbps	37.38 Mbps	56.96 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	15.27 Mbps	41.11 Mbps	56.38 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RO	43.53 Mbps	6.77 Mbps	50.30 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	455.86 Mbps	437.33 Mbps	893.20 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	606.82 Mbps	203.93 Mbps	810.75 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	200.10 Mbps	327.91 Mbps	528.01 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	70.27 Mbps	104.79 Mbps	175.06 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	64.98 Mbps	99.62 Mbps	164.60 Mbps

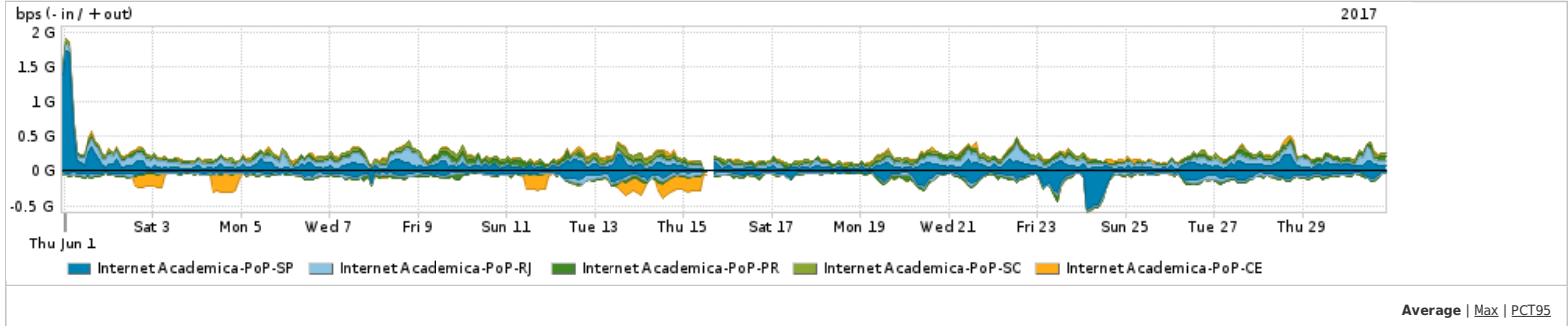
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	74.78 Mbps	153.37 Mbps	228.16 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	San Antonio	123.24 Mbps	87.25 Mbps	210.48 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Manchester	8.50 Mbps	110.88 Mbps	119.38 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	29.04 Mbps	58.60 Mbps	87.63 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	82.66 Mbps	352.35 Kbps	83.01 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	18.15 Mbps	50.91 Mbps	69.07 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	15.21 Mbps	49.03 Mbps	64.24 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	11.61 Mbps	48.34 Mbps	59.96 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	22.37 Mbps	36.77 Mbps	59.14 Mbps

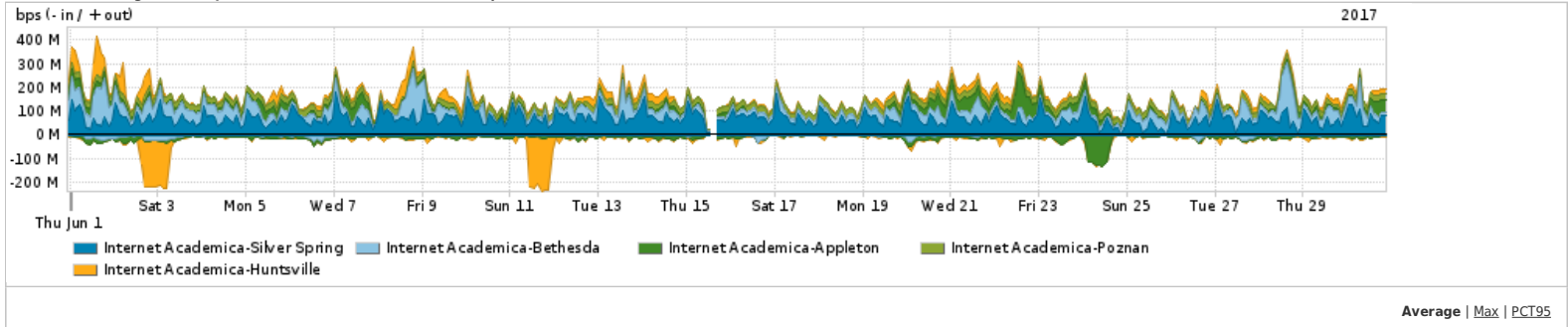
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Hangzhou	48.28 Mbps	395.20 Kbps	48.68 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	55.84 Mbps	88.96 Mbps	144.80 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	24.42 Mbps	62.22 Mbps	86.64 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	16.86 Mbps	31.93 Mbps	48.79 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-SC	1.97 Mbps	36.51 Mbps	38.48 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-CE	23.21 Mbps	10.54 Mbps	33.76 Mbps
<input type="checkbox"/>	Internet Academica	PoP-DF	3.82 Mbps	29.51 Mbps	33.33 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	4.44 Mbps	24.30 Mbps	28.74 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	2.35 Mbps	16.52 Mbps	18.87 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	4.20 Mbps	4.86 Mbps	9.06 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	916.02 Kbps	7.92 Mbps	8.84 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	258.17 Kbps	6.66 Mbps	6.92 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	1.22 Mbps	4.58 Mbps	5.80 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	195.76 Kbps	5.38 Mbps	5.58 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	1.33 Mbps	3.61 Mbps	4.94 Mbps
<input type="checkbox"/>	Internet Academica	PoP-AL	96.19 Kbps	3.86 Mbps	3.96 Mbps

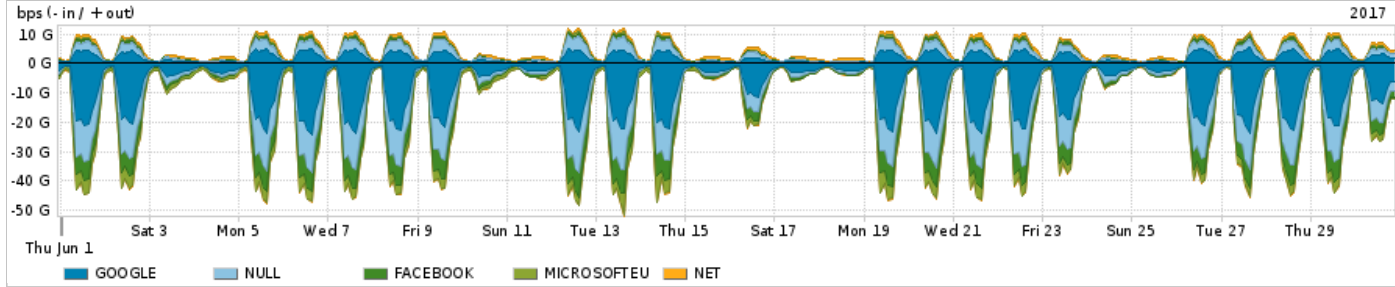
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Silver Spring	810.90 Kbps	68.45 Mbps	69.26 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bethesda	3.92 Mbps	38.25 Mbps	42.17 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Appleton	10.93 Mbps	14.53 Mbps	25.46 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Poznan	172.74 Kbps	24.33 Mbps	24.51 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Huntsville	10.66 Mbps	13.74 Mbps	24.41 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	11.11 Mbps	9.09 Mbps	20.20 Mbps
<input type="checkbox"/>	Internet Academica	Boulder	383.07 Kbps	16.20 Mbps	16.59 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	2.15 Mbps	14.37 Mbps	16.52 Mbps
<input type="checkbox"/>	Internet Academica	Bonn	15.07 Mbps	47.48 Kbps	15.12 Mbps
<input type="checkbox"/>	Internet Academica	Baltimore	3.46 Mbps	8.56 Mbps	12.02 Mbps

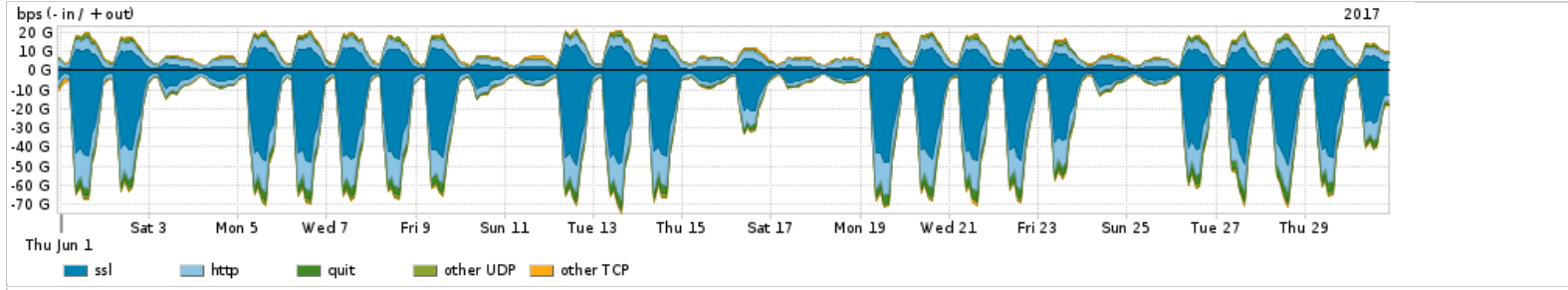
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	GOOGLE	15169	7.84 Gbps	1.89 Gbps	9.73 Gbps
<input checked="" type="checkbox"/>	NULL	0	4.44 Gbps	1.40 Gbps	5.83 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.60 Gbps	288.36 Mbps	2.89 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.67 Gbps	226.89 Mbps	1.90 Gbps
<input checked="" type="checkbox"/>	NET	28573	138.61 Mbps	748.74 Mbps	887.35 Mbps
<input type="checkbox"/>	AMAZON-02	16509	619.19 Mbps	163.34 Mbps	782.53 Mbps
<input type="checkbox"/>	NETFLIX	2906	675.75 Mbps	10.75 Mbps	686.50 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	641.94 Mbps	22.02 Mbps	663.96 Mbps
<input type="checkbox"/>	GCEPSABR	28604	504.54 Mbps	33.29 Mbps	537.83 Mbps
<input type="checkbox"/>	APPLE	714	134.35 Mbps	237.43 Mbps	371.78 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	166.24 Mbps	178.90 Mbps	345.15 Mbps
<input type="checkbox"/>	EDGECAST	15133	335.30 Mbps	6.53 Mbps	341.84 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SABR	27699	85.69 Mbps	253.46 Mbps	339.15 Mbps
<input type="checkbox"/>	DROPBOX	19679	195.94 Mbps	122.03 Mbps	317.97 Mbps
<input type="checkbox"/>	TNLSABR	7738	32.50 Mbps	267.15 Mbps	299.65 Mbps

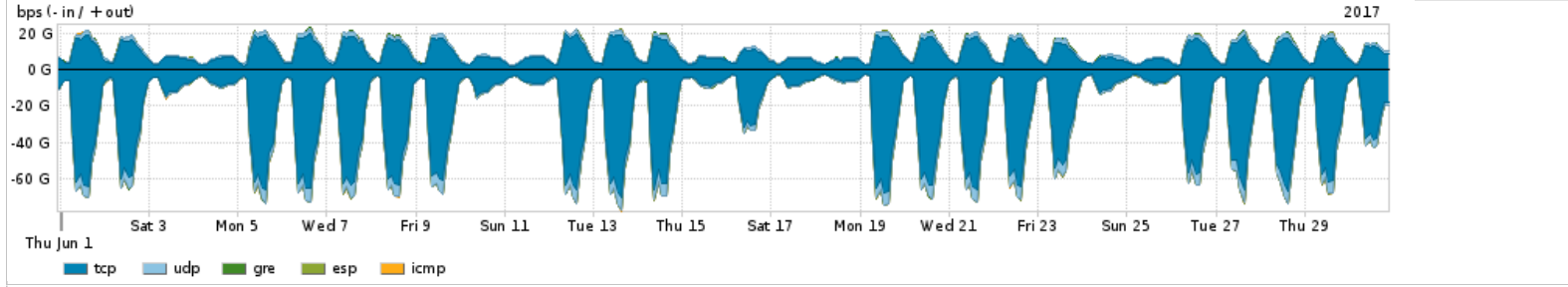
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	ssl		16.59 Gbps	4.71 Gbps	21.30 Gbps
<input checked="" type="checkbox"/>	http		5.96 Gbps	3.34 Gbps	9.30 Gbps
<input checked="" type="checkbox"/>	quit		1.66 Gbps	235.92 Mbps	1.89 Gbps
<input checked="" type="checkbox"/>	other UDP		558.78 Mbps	842.11 Mbps	1.40 Gbps
<input checked="" type="checkbox"/>	other TCP		554.50 Mbps	570.07 Mbps	1.12 Gbps
<input type="checkbox"/>	rsync		68.25 Mbps	49.26 Mbps	117.51 Mbps
<input type="checkbox"/>	ssh		55.67 Mbps	44.93 Mbps	100.60 Mbps
<input type="checkbox"/>	dns		36.59 Mbps	54.26 Mbps	90.85 Mbps
<input type="checkbox"/>	ntp		8.56 Mbps	71.37 Mbps	79.93 Mbps
<input type="checkbox"/>	smtp		37.22 Mbps	38.97 Mbps	76.19 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		23.94 Gbps	9.09 Gbps	33.03 Gbps
<input checked="" type="checkbox"/>	udp		2.41 Gbps	1.28 Gbps	3.69 Gbps
<input checked="" type="checkbox"/>	gre		18.14 Mbps	104.69 Mbps	122.83 Mbps
<input checked="" type="checkbox"/>	esp		60.79 Mbps	20.29 Mbps	81.07 Mbps
<input checked="" type="checkbox"/>	icmp		5.98 Mbps	8.15 Mbps	14.13 Mbps
<input type="checkbox"/>	255		0.00 bps	2.57 Mbps	2.57 Mbps
<input type="checkbox"/>	ipv6		1.33 Mbps	987.55 Kbps	2.32 Mbps
<input type="checkbox"/>	ipv6-icmp		828.39 Kbps	1.19 Mbps	2.02 Mbps
<input type="checkbox"/>	ah		1.58 Mbps	175.83 Kbps	1.76 Mbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipencap		1.29 Kbps	896.00 bps 2.19 Kbps

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