

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

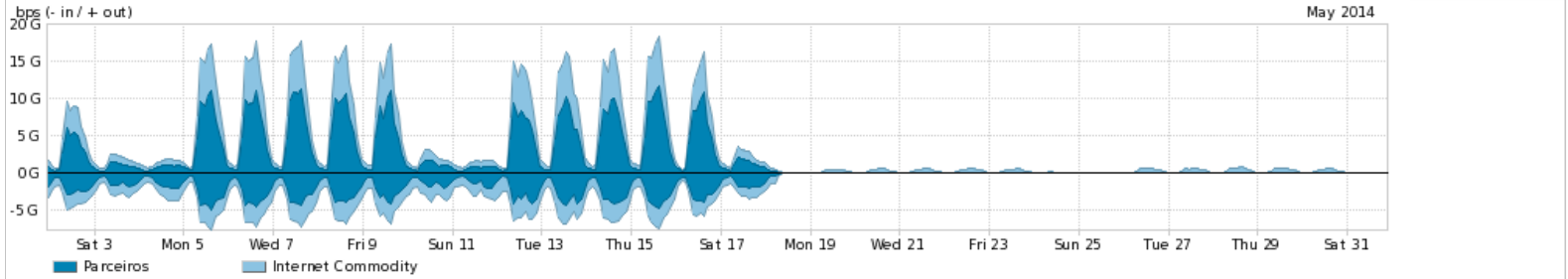
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

Internet commodity - Acesso pago à Internet global que é oferecido gratuitamente 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)

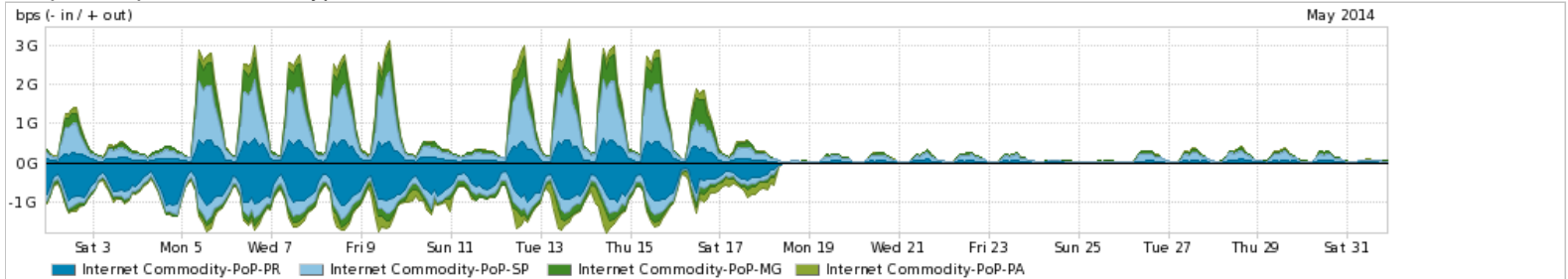
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		1.16 Gbps	1.94 Gbps	3.11 Gbps
<input checked="" type="checkbox"/> Internet Commodity		922.69 Mbps	1.41 Gbps	2.33 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

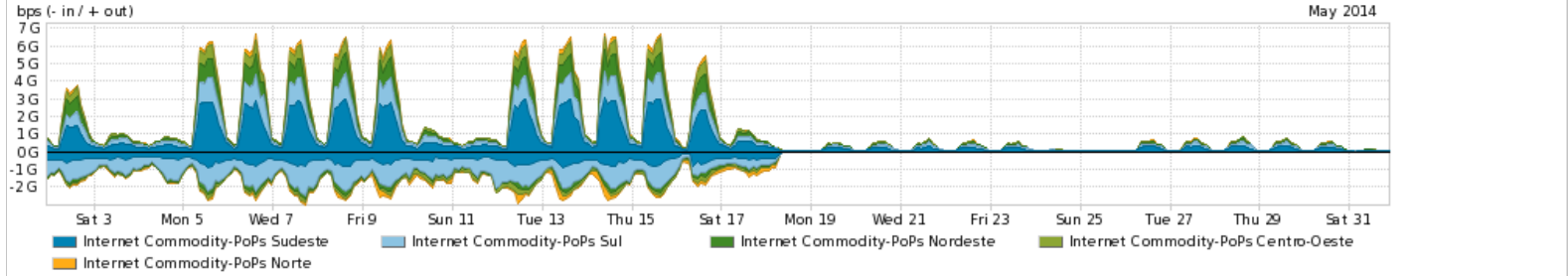


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	339.52 Mbps	131.28 Mbps	470.80 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	113.34 Mbps	312.68 Mbps	426.02 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	60.71 Mbps	170.67 Mbps	231.38 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	62.45 Mbps	137.25 Mbps	199.69 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	95.72 Mbps	93.35 Mbps	189.07 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	56.76 Mbps	128.82 Mbps	185.58 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	21.26 Mbps	101.23 Mbps	122.49 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	53.22 Mbps	42.07 Mbps	95.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	22.42 Mbps	71.99 Mbps	94.41 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	13.05 Mbps	52.23 Mbps	65.27 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	38.09 Mbps	21.56 Mbps	59.65 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	6.51 Mbps	51.40 Mbps	57.91 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PE	15.62 Mbps	23.03 Mbps	38.66 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	6.25 Mbps	27.81 Mbps	34.06 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MS	8.59 Mbps	20.75 Mbps	29.34 Mbps

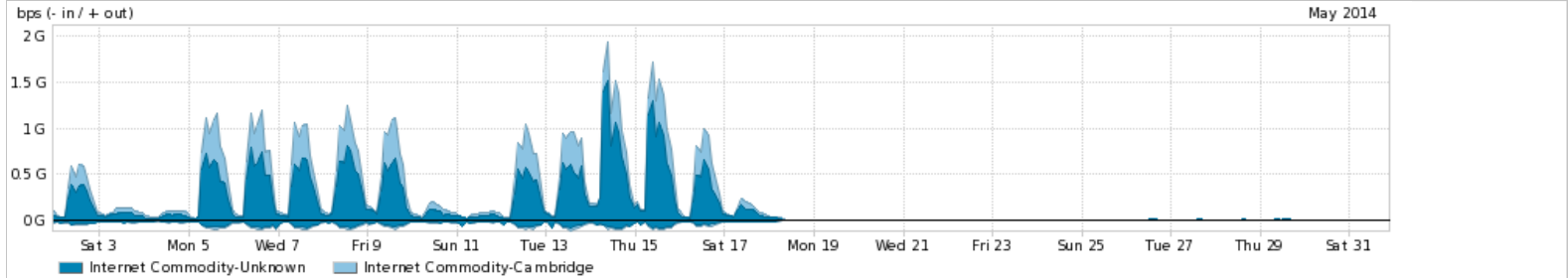
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	268.90 Mbps	633.73 Mbps	902.63 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	456.49 Mbps	325.87 Mbps	782.36 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	68.67 Mbps	240.06 Mbps	308.73 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	72.10 Mbps	163.41 Mbps	235.51 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	53.30 Mbps	42.28 Mbps	95.58 Mbps

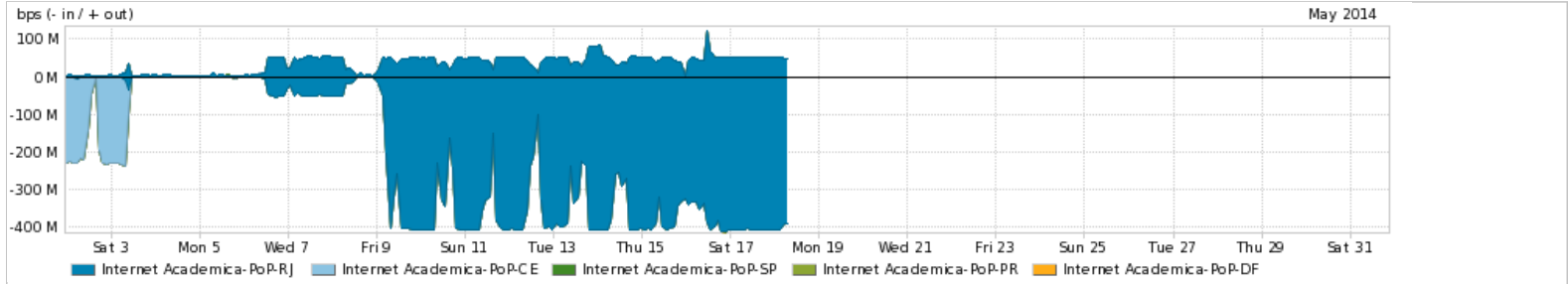
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	19.05 Mbps	152.76 Mbps	171.81 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	5.78 Mbps	80.84 Mbps	86.62 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	6.75 Mbps	77.26 Mbps	84.00 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	3.68 Mbps	73.45 Mbps	77.14 Mbps
<input type="checkbox"/>	Internet Commodity	Dallas	888.10 Kbps	50.00 Mbps	50.89 Mbps
<input type="checkbox"/>	Internet Commodity	North Haven	4.32 Kbps	44.99 Mbps	45.00 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	705.48 Kbps	41.27 Mbps	41.98 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	24.41 Mbps	16.59 Mbps	41.00 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	27.66 Mbps	13.32 Mbps	40.98 Mbps
<input type="checkbox"/>	Internet Commodity	Chicago	3.52 Mbps	30.25 Mbps	33.77 Mbps

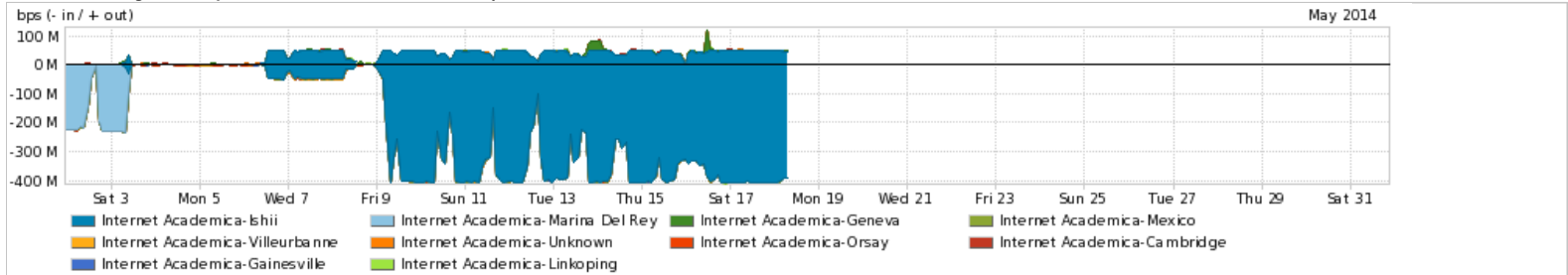
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	114.54 Mbps	18.61 Mbps	133.16 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	9.44 Mbps	22.13 Kbps	9.46 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	628.00 bps	7.85 Kbps	8.48 Kbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	1.33 Kbps	14.00 bps	1.35 Kbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	5.00 bps	83.00 bps	88.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	24.00 bps	14.00 bps	38.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	16.00 bps	22.00 bps	38.00 bps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	30.00 bps	0.00 bps	30.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	23.00 bps	1.00 bps	24.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	8.00 bps	0.00 bps	8.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-MS	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	Internet Acadêmica	PoP-AL	0.00 bps	0.00 bps	0.00 bps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

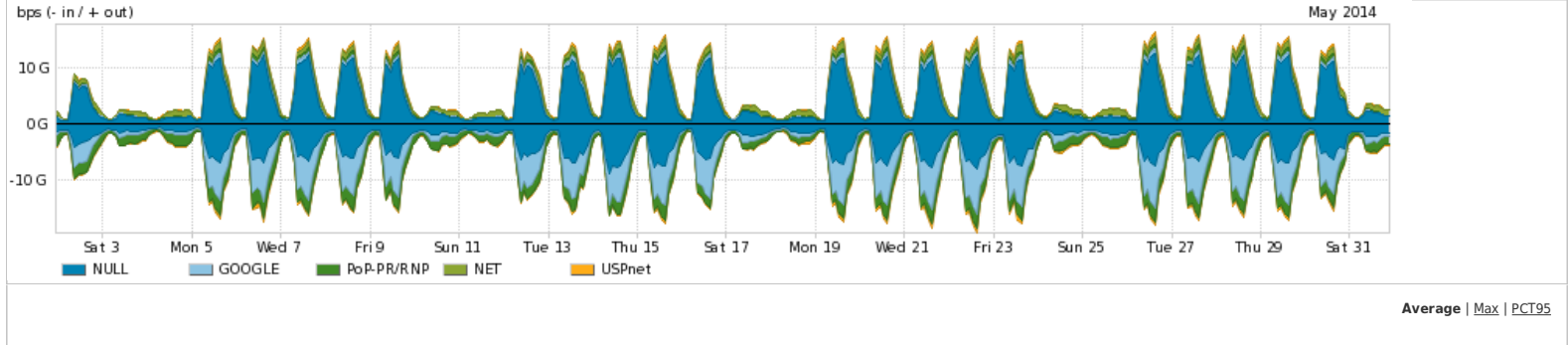


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Ishii	113.42 Mbps	16.30 Mbps	129.73 Mbps
<input type="checkbox"/>	Internet Acadêmica	Marina Del Rey	9.43 Mbps	205.00 bps	9.43 Mbps
<input type="checkbox"/>	Internet Acadêmica	Geneva	4.64 Kbps	1.60 Mbps	1.61 Mbps
<input type="checkbox"/>	Internet Acadêmica	Mexico	222.48 Kbps	70.13 Kbps	292.60 Kbps
<input type="checkbox"/>	Internet Acadêmica	Villeurbanne	152.16 Kbps	1.15 Kbps	153.32 Kbps
<input type="checkbox"/>	Internet Acadêmica	Unknown	51.32 Kbps	101.43 Kbps	152.75 Kbps

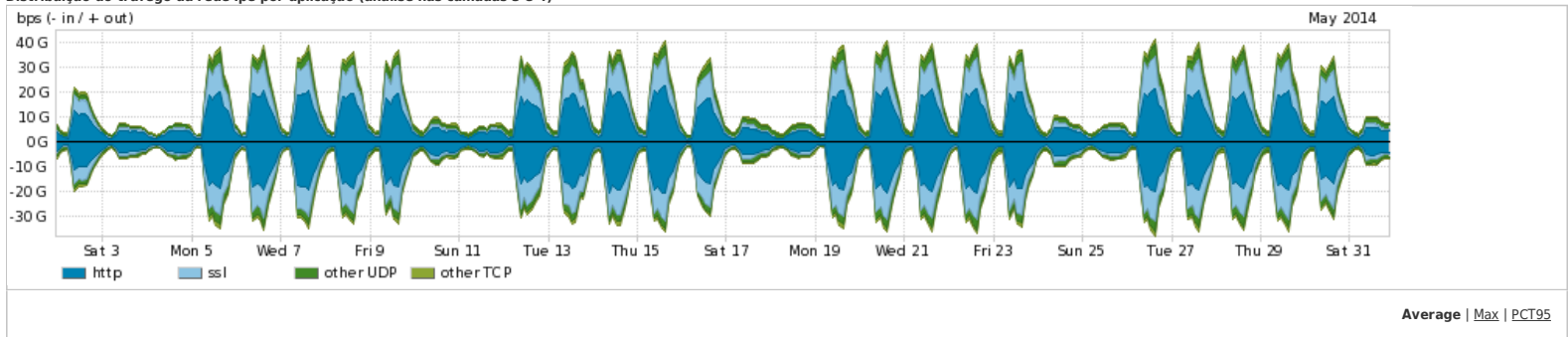
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Orsay	147.65 Kbps	406.00 bps	148.05 Kbps
<input type="checkbox"/>	Internet Academica	Cambridge	18.00 bps	140.55 Kbps	140.57 Kbps
<input type="checkbox"/>	Internet Academica	Gainesville	102.80 Kbps	32.58 Kbps	135.38 Kbps
<input type="checkbox"/>	Internet Academica	Linkoping	698.00 bps	124.81 Kbps	125.51 Kbps

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



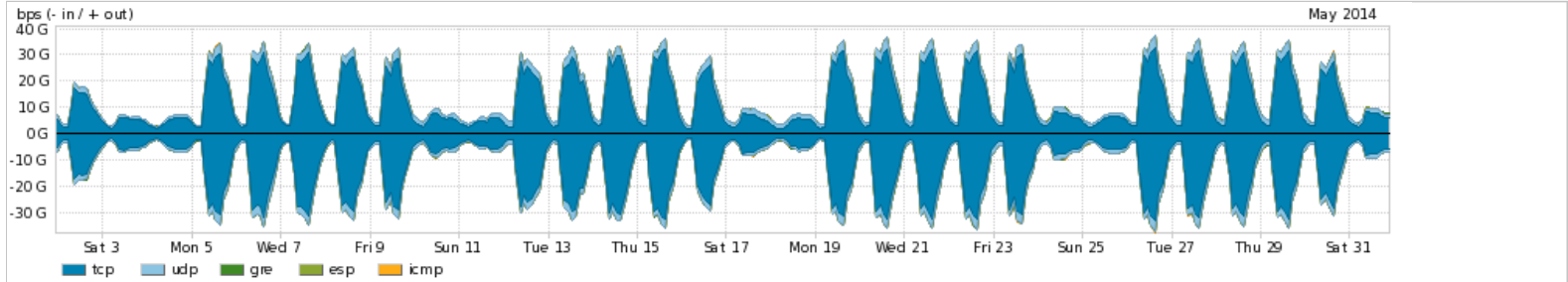
AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	NULL	0	3.29 Gbps	4.29 Gbps	7.48 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	2.36 Gbps	265.36 Mbps	2.62 Gbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881	1.47 Gbps	318.02 Mbps	1.78 Gbps
<input checked="" type="checkbox"/>	NET	28573	61.99 Mbps	805.97 Mbps	867.96 Mbps
<input type="checkbox"/>	RedeRio	2715	210.04 Mbps	441.58 Mbps	651.62 Mbps
<input type="checkbox"/>	263300	263300	284.69 Mbps	253.72 Mbps	538.41 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164	98.48 Mbps	388.96 Mbps	487.44 Mbps
<input type="checkbox"/>	RedeTche	2716	96.24 Mbps	387.68 Mbps	483.93 Mbps
<input checked="" type="checkbox"/>	USPnet	28571	271.31 Mbps	211.40 Mbps	482.72 Mbps
<input type="checkbox"/>	Oi	7738	43.94 Mbps	403.06 Mbps	446.99 Mbps
<input type="checkbox"/>	GEMNET	23796	32.47 Mbps	413.43 Mbps	445.90 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	397.10 Mbps	30.54 Mbps	427.64 Mbps
<input type="checkbox"/>	262511	262511	221.10 Mbps	199.23 Mbps	420.33 Mbps
<input type="checkbox"/>	FACEBOOK	32934	340.28 Mbps	66.78 Mbps	407.05 Mbps
<input type="checkbox"/>	RCT-SC	10715	81.12 Mbps	310.57 Mbps	391.69 Mbps

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



	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	http		8.20 Gbps	8.48 Gbps
<input checked="" type="checkbox"/>	ssl		3.70 Gbps	4.08 Gbps
<input checked="" type="checkbox"/>	other UDP		1.74 Gbps	2.19 Gbps
<input checked="" type="checkbox"/>	other TCP		901.06 Mbps	989.73 Mbps
<input type="checkbox"/>	dns		194.96 Mbps	269.42 Mbps
<input type="checkbox"/>	rsync		135.80 Mbps	136.61 Mbps
<input type="checkbox"/>	macromedia-fcs		99.23 Mbps	103.75 Mbps
<input type="checkbox"/>	smtp		67.77 Mbps	74.92 Mbps
<input type="checkbox"/>	ssh		54.74 Mbps	66.46 Mbps
<input type="checkbox"/>	rdp		36.72 Mbps	40.99 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp		12.66 Gbps	12.47 Gbps
<input checked="" type="checkbox"/>	udp		1.80 Gbps	2.19 Gbps
<input type="checkbox"/>	253		83.47 Mbps	119.57 Mbps
<input checked="" type="checkbox"/>	gre		21.32 Mbps	19.27 Mbps
<input checked="" type="checkbox"/>	esp		18.44 Mbps	18.47 Mbps
<input checked="" type="checkbox"/>	icmp		10.39 Mbps	10.15 Mbps
<input type="checkbox"/>	ipv6		4.10 Mbps	4.25 Mbps
<input type="checkbox"/>	ah		376.67 Kbps	376.71 Kbps
<input type="checkbox"/>	ipv6-icmp		153.51 Kbps	36.70 Kbps
<input type="checkbox"/>	ipv6-frag		167.38 Kbps	12.46 Kbps

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