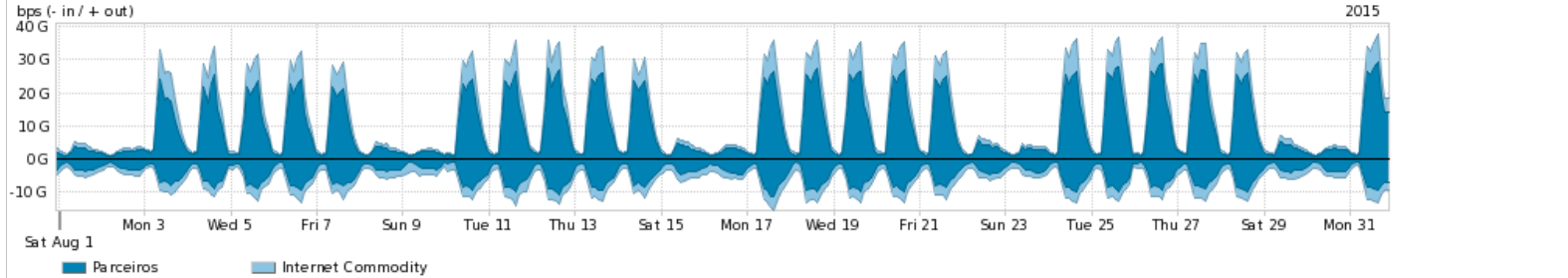


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

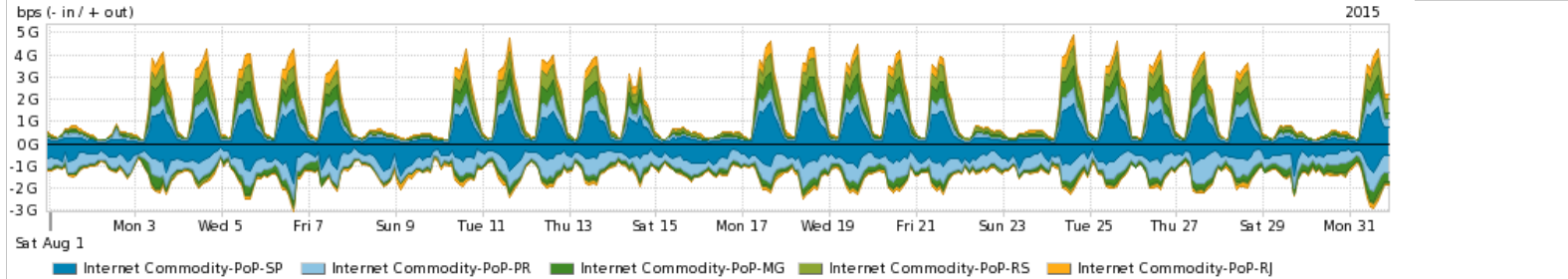
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros		4.70 Gbps	9.10 Gbps
<input checked="" type="checkbox"/> Internet Commodity		2.18 Gbps	3.00 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

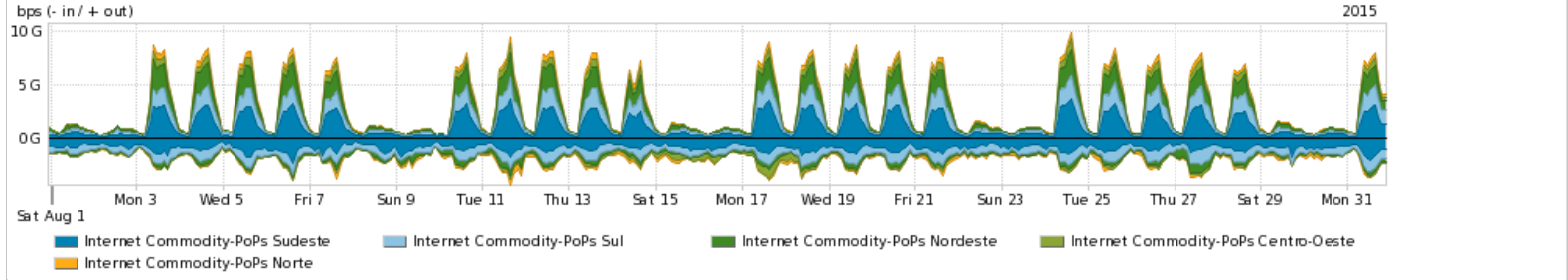


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	619.49 Mbps	547.72 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	532.72 Mbps	231.71 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	172.81 Mbps	266.94 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RS	46.17 Mbps	289.48 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	84.29 Mbps	185.31 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	78.79 Mbps	166.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	58.05 Mbps	151.97 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	80.54 Mbps	105.10 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	30.33 Mbps	150.12 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	23.75 Mbps	133.43 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	91.29 Mbps	56.08 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	82.64 Mbps	59.40 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-BA	23.01 Mbps	103.57 Mbps	126.58 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	42.03 Mbps	65.34 Mbps	107.37 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	39.49 Mbps	58.48 Mbps	97.97 Mbps

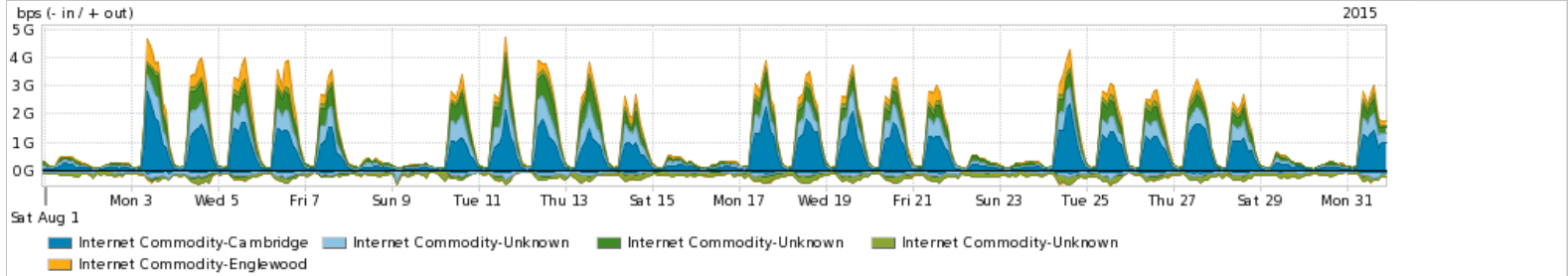
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	918.62 Mbps	1.07 Gbps	1.98 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	657.68 Mbps	687.33 Mbps	1.35 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	248.70 Mbps	717.87 Mbps	966.58 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	162.79 Mbps	258.52 Mbps	421.31 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	115.56 Mbps	178.19 Mbps	293.75 Mbps

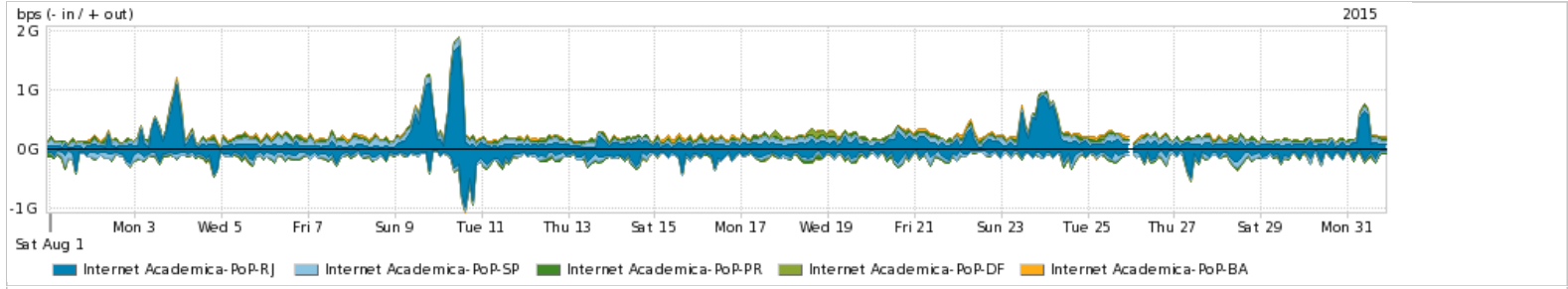
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	27.59 Mbps	513.92 Mbps	541.51 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	71.92 Mbps	251.72 Mbps	323.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	14.77 Mbps	207.49 Mbps	222.26 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	122.45 Mbps	84.90 Mbps	207.35 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Englewood	2.70 Mbps	136.38 Mbps	139.08 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	22.43 Mbps	90.50 Mbps	112.92 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	3.21 Mbps	103.13 Mbps	106.33 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	7.49 Mbps	98.72 Mbps	106.21 Mbps
<input type="checkbox"/>	Internet Commodity	Fuzhou	104.97 Mbps	107.46 Kbps	105.08 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	99.83 Mbps	965.58 Kbps	100.79 Mbps

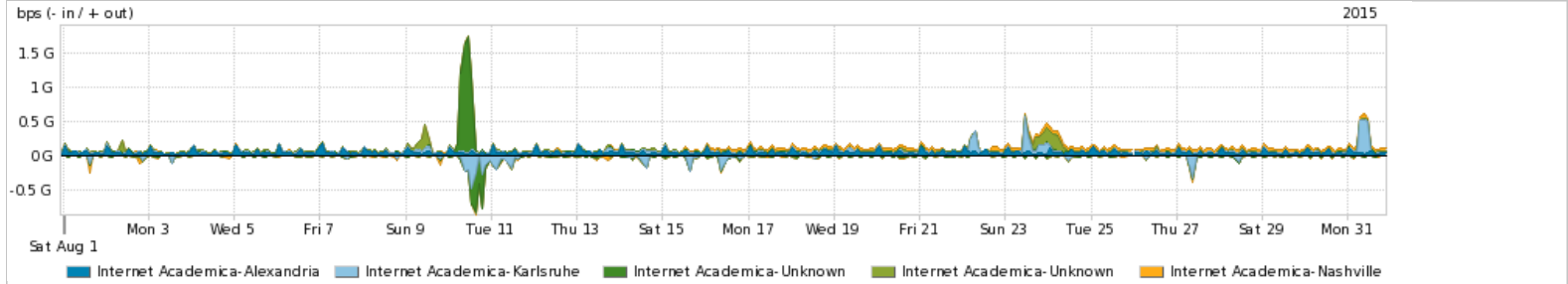
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	96.82 Mbps	150.09 Mbps	246.91 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	44.75 Mbps	59.29 Mbps	104.04 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	15.29 Mbps	22.57 Mbps	37.85 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-DF	1.67 Mbps	20.64 Mbps	22.31 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-BA	349.30 Kbps	16.05 Mbps	16.39 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.35 Mbps	14.54 Mbps	15.88 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	2.07 Mbps	12.83 Mbps	14.90 Mbps
<input type="checkbox"/>	Internet Academica	PoP-CE	10.09 Mbps	4.23 Mbps	14.32 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	1.37 Mbps	6.42 Mbps	7.79 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	1.04 Mbps	2.18 Mbps	3.22 Mbps
<input type="checkbox"/>	Internet Academica	PoP-AM	385.19 Kbps	2.81 Mbps	3.19 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	697.27 Kbps	1.53 Mbps	2.22 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	349.27 Kbps	1.86 Mbps	2.21 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	35.41 Kbps	1.74 Mbps	1.78 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	243.28 Kbps	996.73 Kbps	1.24 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

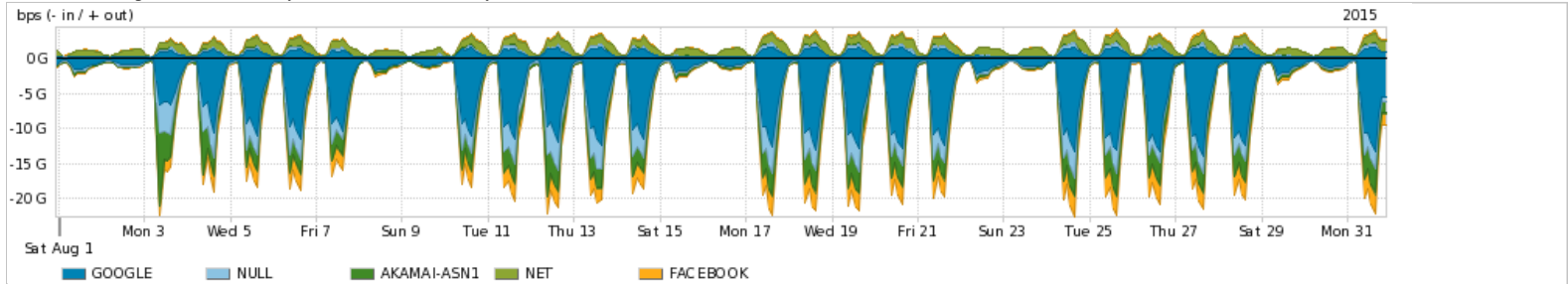


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Alexandria	588.40 Kbps	43.47 Mbps	44.05 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Karlsruhe	16.60 Mbps	17.86 Mbps	34.46 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Unknown	10.09 Mbps	18.11 Mbps	28.20 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Unknown	6.72 Mbps	19.93 Mbps	26.65 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Nashville	3.23 Mbps	19.99 Mbps	23.22 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Boulder	446.60 Kbps	20.24 Mbps	20.69 Mbps
<input type="checkbox"/>	Internet Academica	Villeurbanne	6.61 Mbps	12.93 Mbps	19.53 Mbps
<input type="checkbox"/>	Internet Academica	Cern	15.90 Mbps	3.17 Mbps	19.07 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	3.48 Mbps	14.66 Mbps	18.14 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	287.35 Kbps	16.49 Mbps	16.77 Mbps

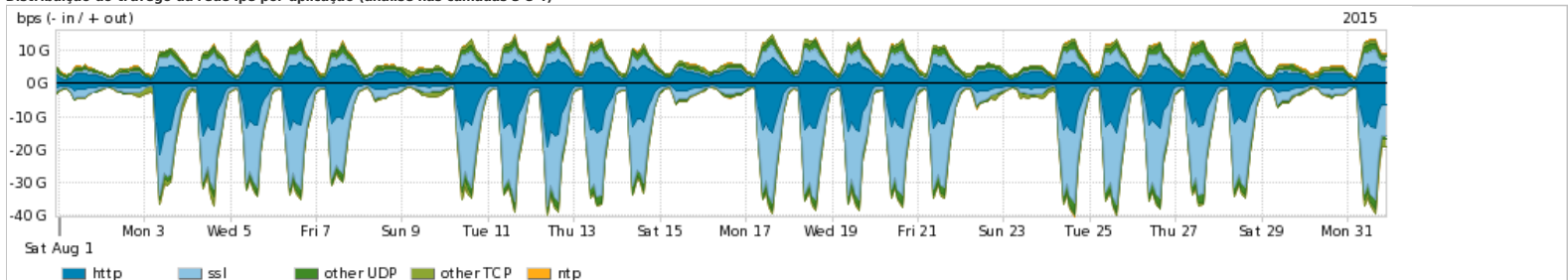
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> GOOGLE		15169	3.91 Gbps	528.63 Mbps	4.44 Gbps
<input checked="" type="checkbox"/> NULL		0	988.09 Mbps	130.09 Mbps	1.12 Gbps
<input checked="" type="checkbox"/> AKAMAI-ASN1		20940	1.04 Gbps	35.95 Mbps	1.08 Gbps
<input checked="" type="checkbox"/> NET		28573	94.88 Mbps	853.07 Mbps	947.95 Mbps
<input checked="" type="checkbox"/> FACEBOOK		32934	836.35 Mbps	85.99 Mbps	922.34 Mbps
<input type="checkbox"/> Microsoft-MSN-AS		8075	297.27 Mbps	224.48 Mbps	521.75 Mbps
<input type="checkbox"/> AMAZON-02		16509	319.22 Mbps	103.47 Mbps	422.69 Mbps
<input type="checkbox"/> Oi		7738	36.43 Mbps	334.61 Mbps	371.04 Mbps
<input type="checkbox"/> AMAZON-AES		14618	175.85 Mbps	131.25 Mbps	307.10 Mbps
<input type="checkbox"/> TELESP		27699	44.62 Mbps	233.35 Mbps	277.97 Mbps
<input type="checkbox"/> DCLUX		24611	202.47 Mbps	14.32 Mbps	216.79 Mbps
<input type="checkbox"/> EDGECAST		15133	211.55 Mbps	4.81 Mbps	216.37 Mbps
<input type="checkbox"/> MICROSOFTEU		8068	199.55 Mbps	2.90 Mbps	202.45 Mbps
<input type="checkbox"/> CLOUDFLARENET		13335	73.10 Mbps	128.10 Mbps	201.20 Mbps
<input type="checkbox"/> SOFTLAYER		36351	183.85 Mbps	17.07 Mbps	200.92 Mbps

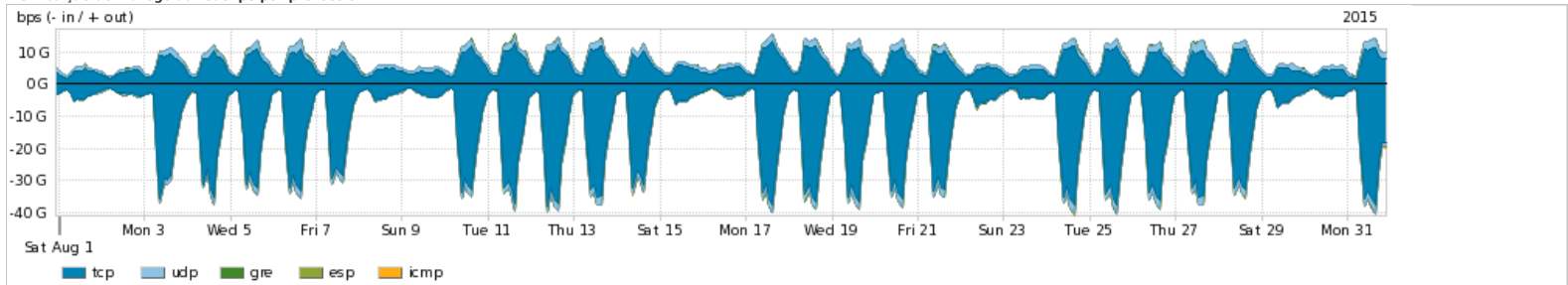
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	http		4.95 Gbps	8.38 Gbps
<input checked="" type="checkbox"/>	ssl		6.71 Gbps	8.04 Gbps
<input checked="" type="checkbox"/>	other UDP		802.51 Mbps	1.94 Gbps
<input checked="" type="checkbox"/>	other TCP		636.96 Mbps	1.32 Gbps
<input checked="" type="checkbox"/>	ntp		8.75 Mbps	147.53 Mbps
<input type="checkbox"/>	macromedia-fcs		77.83 Mbps	143.65 Mbps
<input type="checkbox"/>	rsync		57.87 Mbps	85.80 Mbps
<input type="checkbox"/>	dns		25.06 Mbps	78.04 Mbps
<input type="checkbox"/>	ssh		24.58 Mbps	70.90 Mbps
<input type="checkbox"/>	rip		160.55 Kbps	69.86 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp		12.56 Gbps	18.31 Gbps
<input checked="" type="checkbox"/>	udp		842.47 Mbps	2.26 Gbps
<input checked="" type="checkbox"/>	gre		16.56 Mbps	54.23 Mbps
<input checked="" type="checkbox"/>	esp		9.98 Mbps	18.74 Mbps
<input checked="" type="checkbox"/>	icmp		5.88 Mbps	12.56 Mbps
<input type="checkbox"/>	ipv6		2.37 Mbps	4.17 Mbps
<input type="checkbox"/>	ah		658.89 Kbps	1.61 Mbps
<input type="checkbox"/>	ipv6-icmp		133.90 Kbps	284.37 Kbps
<input type="checkbox"/>	ipv6-frag		7.66 Kbps	34.06 Kbps
<input type="checkbox"/>	i-nlsp		0.00 bps	347.00 bps

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