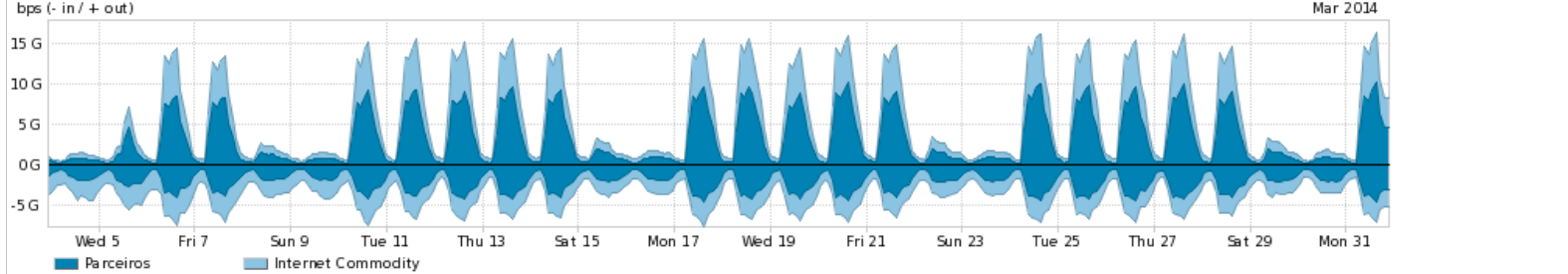


Os gráficos apresentados neste relatório de tráfego estão em formato *stack*, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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)

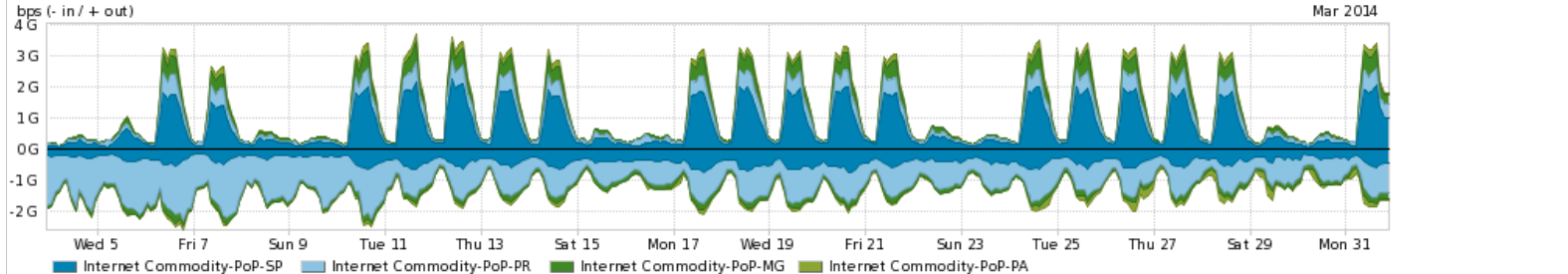
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros		2.06 Gbps	3.16 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.88 Gbps	2.21 Gbps
			5.22 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

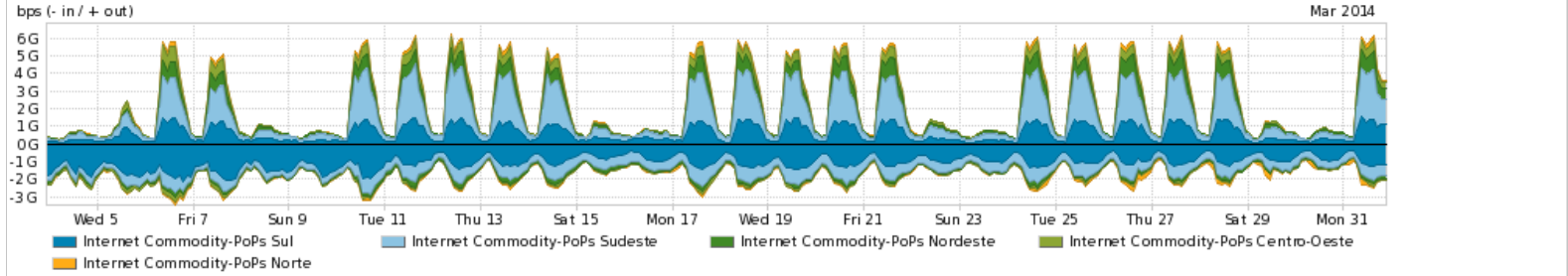


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	392.80 Mbps	699.40 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	840.04 Mbps	235.48 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	130.03 Mbps	202.53 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	163.04 Mbps	150.97 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	71.69 Mbps	203.65 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	51.68 Mbps	178.12 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	37.43 Mbps	94.41 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	58.89 Mbps	63.74 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	7.73 Mbps	107.27 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	15.44 Mbps	80.26 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	28.70 Mbps	53.92 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	28.20 Mbps	39.61 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PE	22.67 Mbps	38.53 Mbps	61.20 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MS	7.10 Mbps	14.92 Mbps	22.02 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	4.73 Mbps	11.99 Mbps	16.71 Mbps

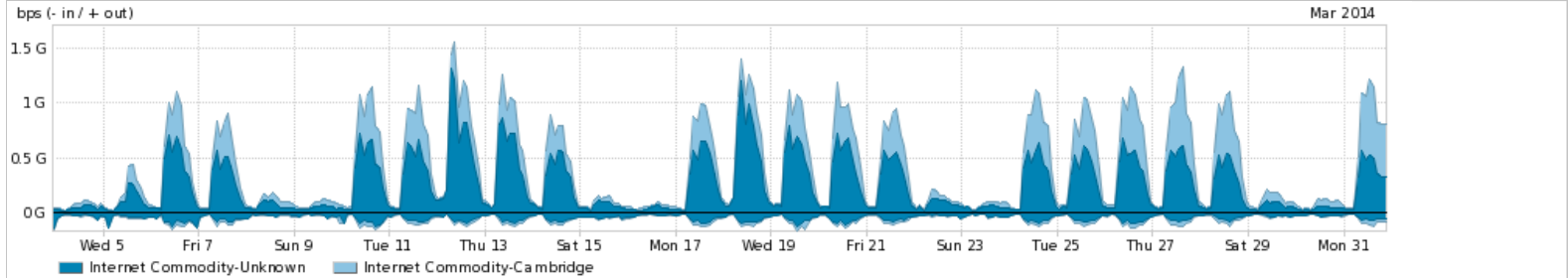
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	1.05 Gbps	564.56 Mbps	1.62 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	530.55 Mbps	1.01 Gbps	1.54 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	137.17 Mbps	318.72 Mbps	455.89 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	78.81 Mbps	218.58 Mbps	297.39 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	58.94 Mbps	63.82 Mbps	122.77 Mbps

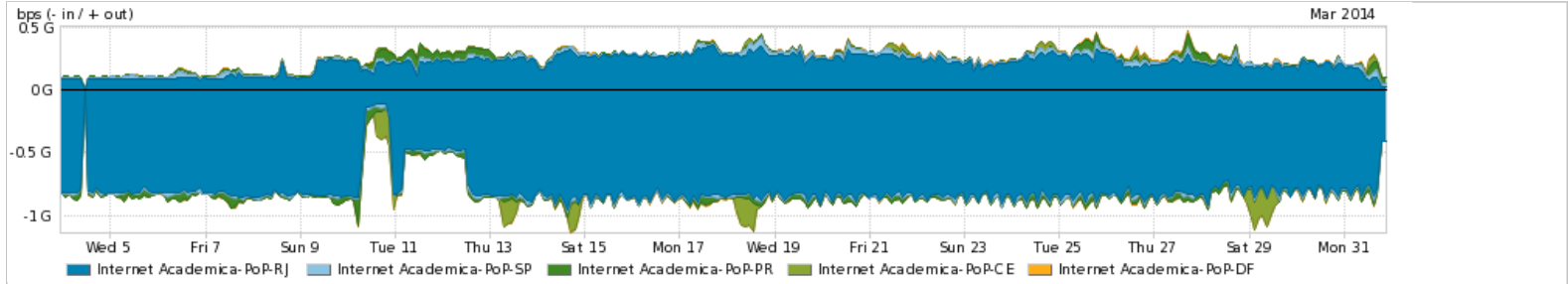
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	43.75 Mbps	247.34 Mbps	291.09 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	14.30 Mbps	152.39 Mbps	166.69 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	16.00 Mbps	123.66 Mbps	139.66 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	5.45 Mbps	115.26 Mbps	120.71 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	14.34 Kbps	74.52 Mbps	74.53 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	52.28 Mbps	20.93 Mbps	73.21 Mbps
<input type="checkbox"/>	Internet Commodity	Washington	11.45 Mbps	59.28 Mbps	70.73 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	62.54 Mbps	6.36 Mbps	68.90 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	37.07 Mbps	19.83 Mbps	56.90 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	23.52 Mbps	29.34 Mbps	52.86 Mbps

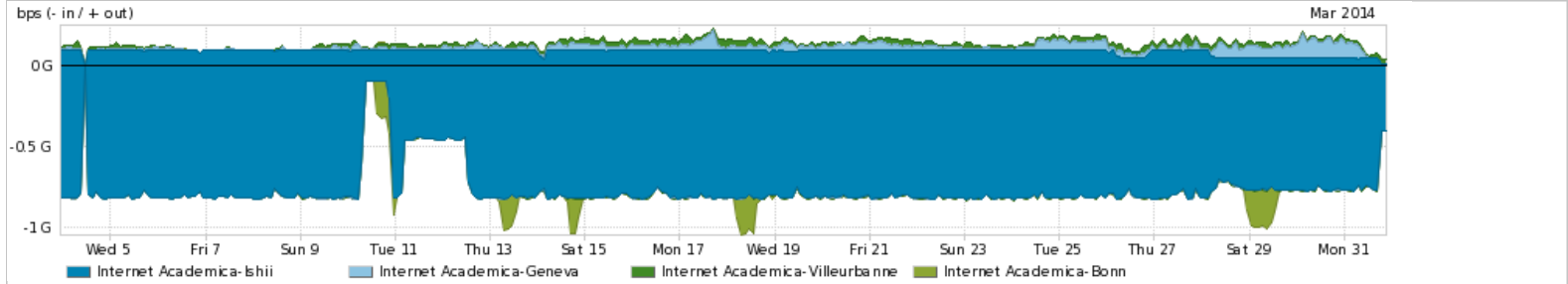
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	794.98 Mbps	214.92 Mbps	1.01 Gbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	14.63 Mbps	21.24 Mbps	35.87 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	19.71 Mbps	14.12 Mbps	33.83 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	4.30 Mbps	18.91 Mbps	23.21 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-CE	14.72 Mbps	4.84 Mbps	19.56 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	5.06 Mbps	4.54 Mbps	9.61 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.13 Mbps	6.85 Mbps	7.98 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-DF	2.01 Mbps	3.39 Mbps	5.40 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	643.43 Kbps	2.54 Mbps	3.18 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	1.57 Mbps	873.44 Kbps	2.45 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	711.28 Kbps	1.70 Mbps	2.41 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	1.01 Mbps	1.22 Mbps	2.24 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	266.14 Kbps	1.66 Mbps	1.92 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	655.72 Kbps	1.13 Mbps	1.79 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	379.32 Kbps	769.85 Kbps	1.15 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

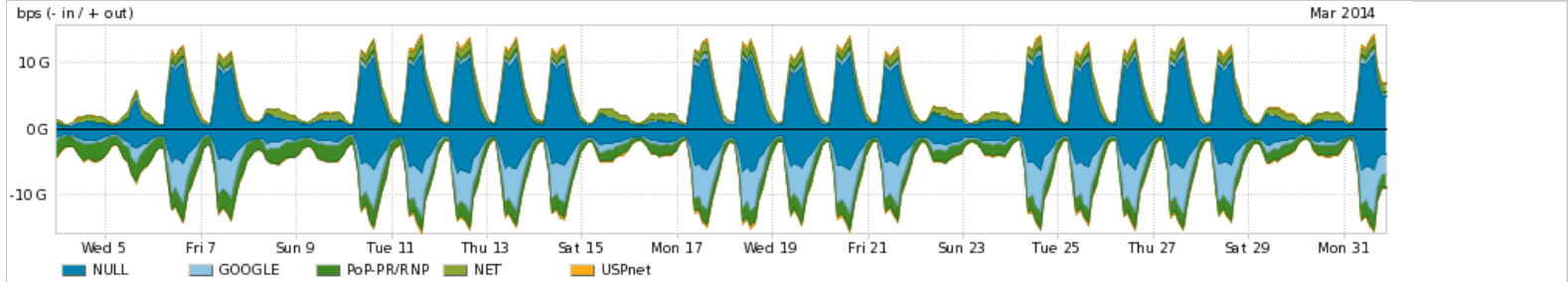


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Ishii	768.68 Mbps	86.95 Mbps	855.63 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Geneva	605.33 Kbps	28.22 Mbps	28.83 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	1.54 Mbps	23.41 Mbps	24.95 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	1.34 Mbps	20.68 Mbps	22.02 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Villeurbanne	2.08 Mbps	19.94 Mbps	22.01 Mbps

PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.87 Mbps	15.79 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bonn	14.50 Mbps	17.38 Kbps
<input type="checkbox"/>	Internet Academica	Honolulu	50.70 Kbps	10.43 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	1.00 Mbps	8.04 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.28 Mbps	4.32 Mbps

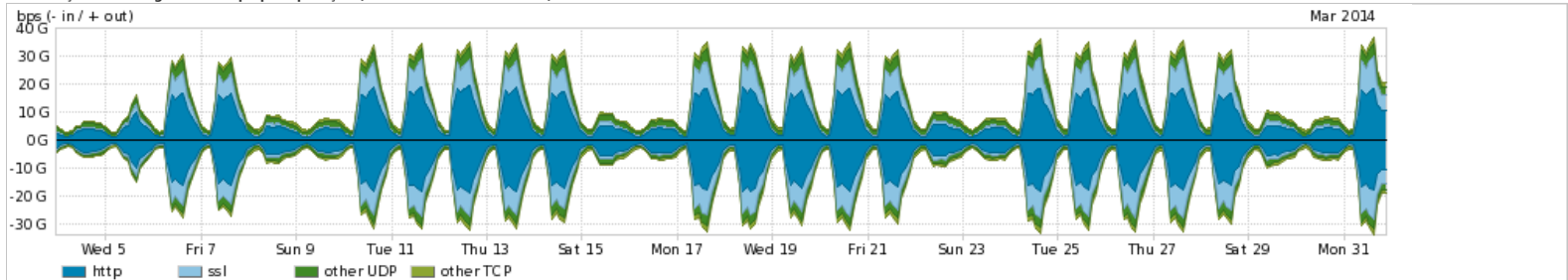
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	2.75 Gbps	3.63 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	1.95 Gbps	199.78 Mbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881	1.64 Gbps	246.09 Mbps
<input checked="" type="checkbox"/>	NET	28573	73.68 Mbps	803.10 Mbps
<input type="checkbox"/>	GEMNET	23796	86.93 Mbps	769.67 Mbps
<input type="checkbox"/>	RedeRio	2715	172.74 Mbps	444.20 Mbps
<input type="checkbox"/>	PoP-SC/RNP	11242	304.97 Mbps	229.51 Mbps
<input type="checkbox"/>	RedeTche	2716	104.17 Mbps	348.00 Mbps
<input type="checkbox"/>	Oi	7738	34.96 Mbps	400.04 Mbps
<input type="checkbox"/>	RCT-SC	10715	74.11 Mbps	267.62 Mbps
<input checked="" type="checkbox"/>	USPnet	28571	175.12 Mbps	157.24 Mbps
<input type="checkbox"/>	AMAZON-AES	14618	204.48 Mbps	124.07 Mbps
<input type="checkbox"/>	262511	262511	149.89 Mbps	177.23 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164	82.23 Mbps	234.92 Mbps
<input type="checkbox"/>	FACEBOOK	32934	258.63 Mbps	56.14 Mbps

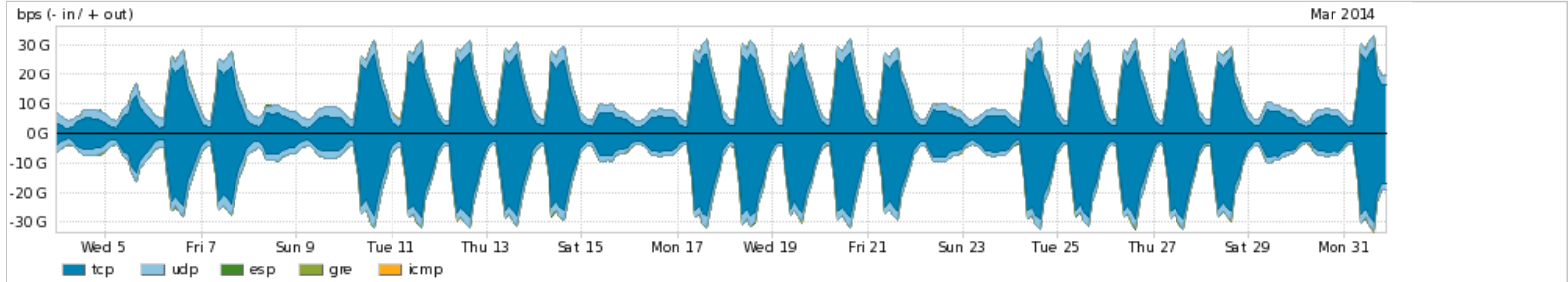
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		7.30 Gbps	7.40 Gbps	14.70 Gbps
<input checked="" type="checkbox"/>	ssl		2.94 Gbps	3.20 Gbps	6.13 Gbps
<input checked="" type="checkbox"/>	other UDP		1.59 Gbps	2.38 Gbps	3.97 Gbps
<input checked="" type="checkbox"/>	other TCP		1.03 Gbps	1.07 Gbps	2.10 Gbps
<input type="checkbox"/>	ntp		554.18 Mbps	655.57 Mbps	1.21 Gbps
<input type="checkbox"/>	dns		142.15 Mbps	152.47 Mbps	294.63 Mbps
<input type="checkbox"/>	macromedia-fcs		101.24 Mbps	105.34 Mbps	206.58 Mbps
<input type="checkbox"/>	rsync		94.20 Mbps	96.08 Mbps	190.28 Mbps
<input type="checkbox"/>	smtp		67.12 Mbps	71.25 Mbps	138.37 Mbps
<input type="checkbox"/>	ssh		56.96 Mbps	54.71 Mbps	111.66 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		11.07 Gbps	10.81 Gbps	21.89 Gbps
<input checked="" type="checkbox"/>	udp		2.14 Gbps	2.96 Gbps	5.10 Gbps
<input type="checkbox"/>	253		86.95 Mbps	89.46 Mbps	176.41 Mbps
<input checked="" type="checkbox"/>	esp		20.89 Mbps	20.88 Mbps	41.78 Mbps
<input checked="" type="checkbox"/>	gre		20.92 Mbps	19.03 Mbps	39.95 Mbps
<input checked="" type="checkbox"/>	icmp		9.50 Mbps	9.53 Mbps	19.03 Mbps
<input type="checkbox"/>	ipv6		4.05 Mbps	4.05 Mbps	8.10 Mbps
<input type="checkbox"/>	ah		648.33 Kbps	648.35 Kbps	1.30 Mbps
<input type="checkbox"/>	ipv6-icmp		206.30 Kbps	219.69 Kbps	425.99 Kbps
<input type="checkbox"/>	ipv6-frag		19.38 Kbps	33.64 Kbps	53.01 Kbps

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