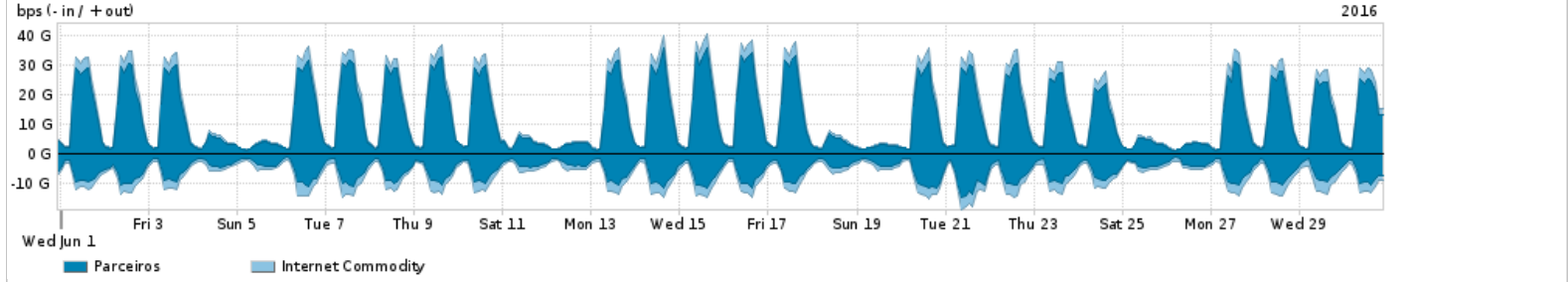


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

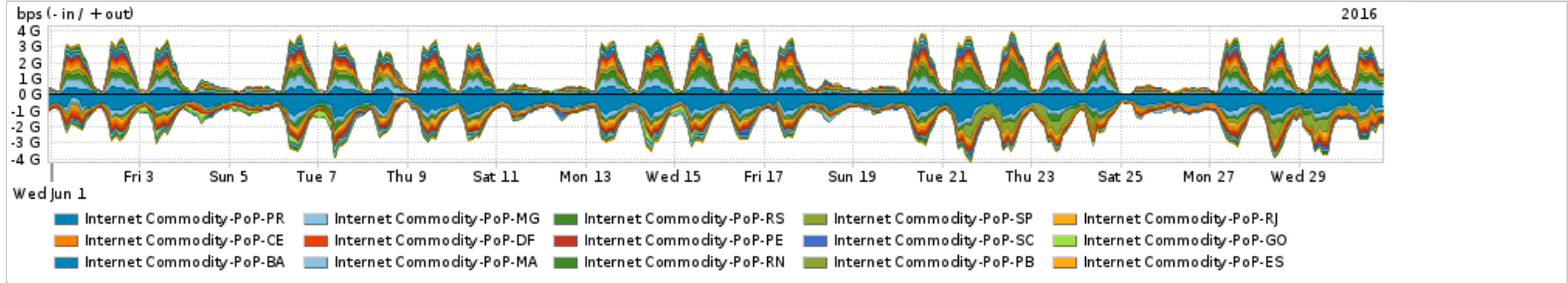
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input type="checkbox"/> Parceiros		5.74 Gbps	12.01 Gbps
<input type="checkbox"/> Internet Commodity		1.89 Gbps	1.72 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

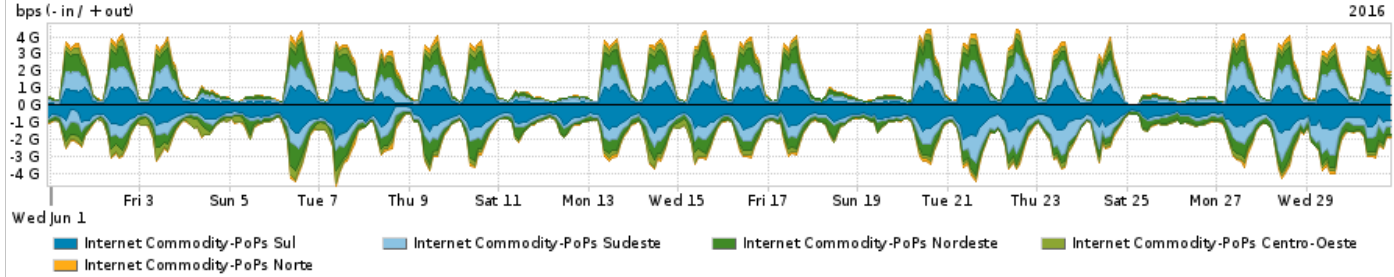


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-PR	697.67 Mbps	177.37 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	123.29 Mbps	230.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	85.91 Mbps	212.16 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	136.96 Mbps	114.97 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	133.13 Mbps	108.16 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	80.98 Mbps	81.89 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	81.33 Mbps	65.49 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	70.76 Mbps	58.14 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	47.51 Mbps	78.31 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	59.41 Mbps	40.74 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	35.62 Mbps	57.76 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-MA	56.87 Mbps	33.49 Mbps	90.36 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	33.77 Mbps	50.35 Mbps	84.12 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	41.26 Mbps	35.14 Mbps	76.40 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	32.26 Mbps	43.17 Mbps	75.43 Mbps

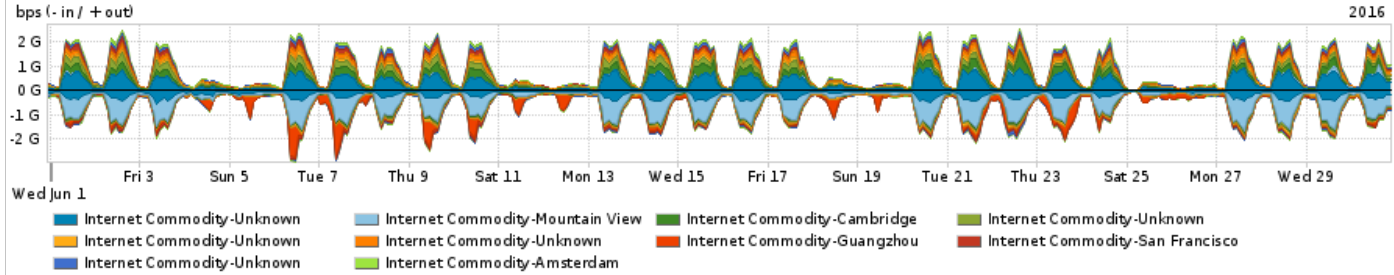
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoPs Sul	831.09 Mbps	467.84 Mbps	1.30 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	425.65 Mbps	496.93 Mbps	922.58 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	376.49 Mbps	384.34 Mbps	760.83 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	158.96 Mbps	135.41 Mbps	294.37 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	63.72 Mbps	112.59 Mbps	176.31 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

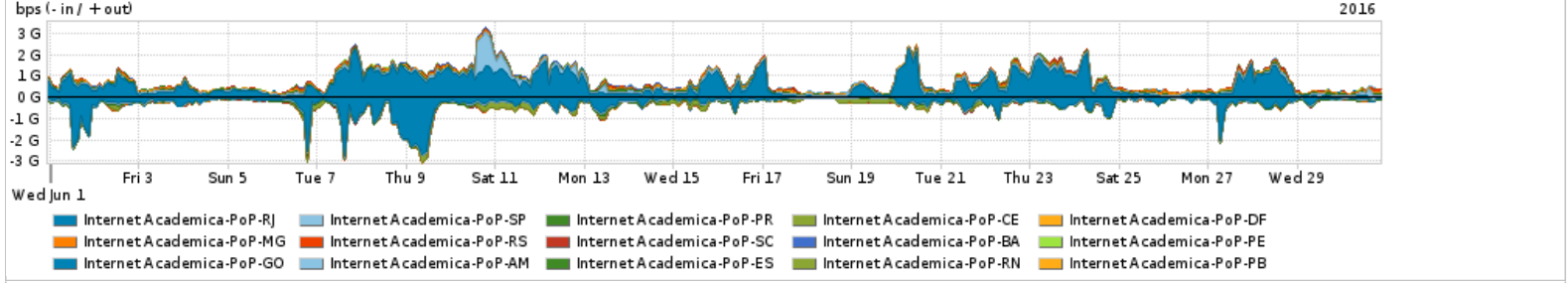


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	159.93 Mbps	295.63 Mbps	455.56 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	360.12 Mbps	6.27 Mbps	366.39 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	19.22 Mbps	122.87 Mbps	142.09 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	20.99 Mbps	106.01 Mbps	127.00 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	53.74 Mbps	61.44 Mbps	115.18 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	13.90 Mbps	92.86 Mbps	106.76 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	100.84 Mbps	795.33 Kbps	101.64 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	36.01 Mbps	61.58 Mbps	97.60 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	25.51 Mbps	53.67 Mbps	79.18 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Amsterdam	17.16 Mbps	56.24 Mbps	73.40 Mbps

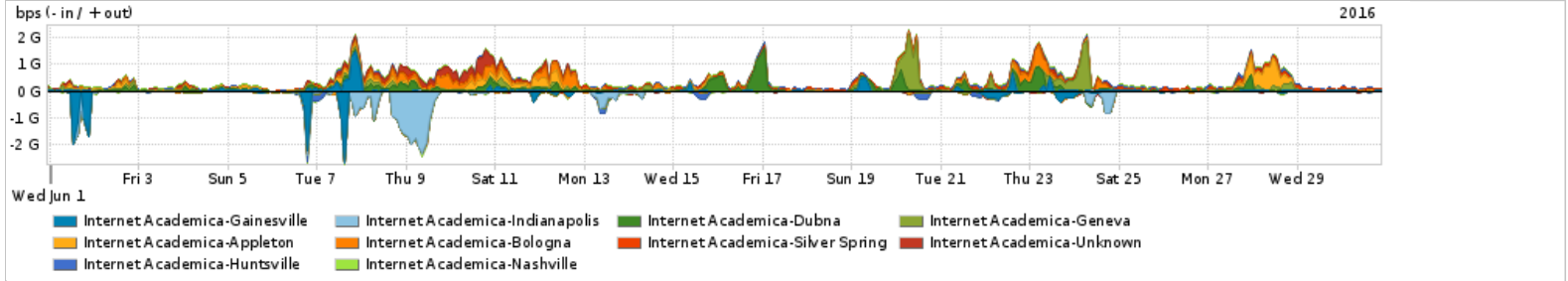
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	PoP-RJ	303.72 Mbps	558.88 Mbps	862.60 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SP	41.64 Mbps	98.62 Mbps	140.27 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PR	39.23 Mbps	34.15 Mbps	73.38 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-CE	43.81 Mbps	6.15 Mbps	49.96 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	3.00 Mbps	31.37 Mbps	34.36 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	4.00 Mbps	26.44 Mbps	30.44 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.38 Mbps	21.46 Mbps	23.85 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	4.37 Mbps	15.20 Mbps	19.56 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	722.54 Kbps	11.39 Mbps	12.11 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.22 Mbps	4.43 Mbps	5.65 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	1.26 Mbps	4.08 Mbps	5.34 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AM	432.28 Kbps	4.57 Mbps	5.00 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	607.81 Kbps	2.63 Mbps	3.24 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	449.90 Kbps	2.48 Mbps	2.93 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	504.87 Kbps	1.79 Mbps	2.29 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

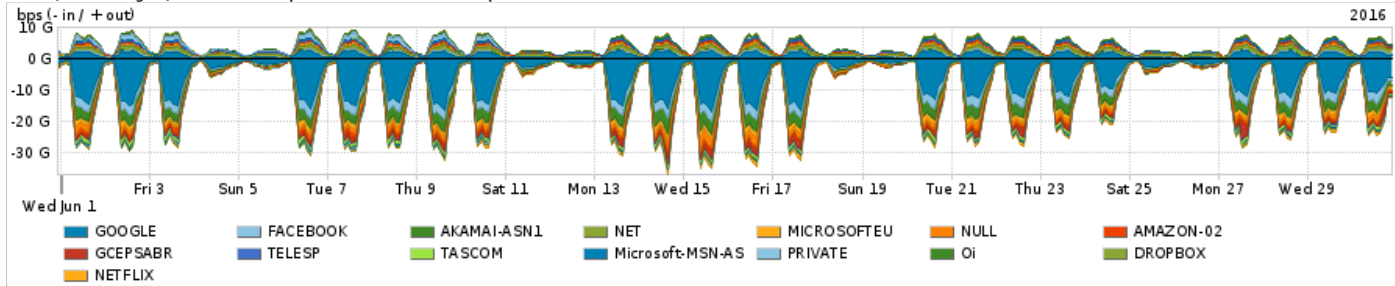


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Gainesville	57.89 Mbps	34.58 Mbps	92.46 Mbps
<input type="checkbox"/>	Internet Acadêmica	Indianapolis	88.59 Mbps	295.80 Kbps	88.88 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Dubna	1.95 Mbps	75.86 Mbps	77.81 Mbps
<input type="checkbox"/>	Internet Academica	Geneva	8.84 Mbps	68.29 Mbps	77.13 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	4.39 Mbps	62.56 Mbps	66.95 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	266.06 Kbps	54.38 Mbps	54.64 Mbps
<input type="checkbox"/>	Internet Academica	Silver Spring	610.68 Kbps	47.74 Mbps	48.36 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	2.74 Mbps	36.12 Mbps	38.86 Mbps
<input type="checkbox"/>	Internet Academica	Huntsville	14.09 Mbps	22.14 Mbps	36.23 Mbps
<input type="checkbox"/>	Internet Academica	Nashville	3.25 Mbps	30.93 Mbps	34.18 Mbps

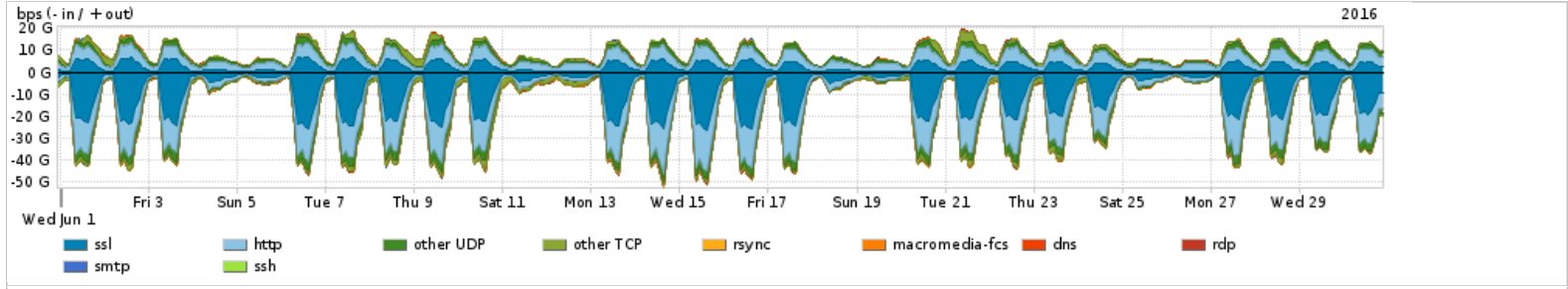
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	5.33 Gbps	978.05 Mbps	6.31 Gbps
<input type="checkbox"/>	FACEBOOK	32934	1.16 Gbps	160.99 Mbps	1.32 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.26 Gbps	49.96 Mbps	1.31 Gbps
<input type="checkbox"/>	NET	28573	177.61 Mbps	858.80 Mbps	1.04 Gbps
<input type="checkbox"/>	MICROSOFTEU	8068	664.95 Mbps	169.54 Mbps	834.49 Mbps
<input type="checkbox"/>	NULL	0	594.07 Mbps	115.17 Mbps	709.24 Mbps
<input type="checkbox"/>	AMAZON-02	16509	415.03 Mbps	213.18 Mbps	628.21 Mbps
<input type="checkbox"/>	GCEPSABR	28604	491.46 Mbps	29.68 Mbps	521.13 Mbps
<input type="checkbox"/>	TELESP	27699	87.42 Mbps	326.82 Mbps	414.24 Mbps
<input type="checkbox"/>	TASCOM	52871	377.61 Mbps	4.41 Mbps	382.02 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	165.56 Mbps	208.43 Mbps	373.99 Mbps
<input type="checkbox"/>	PRIVATE	65011	79.79 Mbps	275.49 Mbps	355.29 Mbps
<input type="checkbox"/>	Oi	7738	45.33 Mbps	304.27 Mbps	349.61 Mbps
<input type="checkbox"/>	DROPBOX	19679	203.10 Mbps	132.42 Mbps	335.52 Mbps
<input type="checkbox"/>	NETFLIX	2906	301.61 Mbps	4.87 Mbps	306.48 Mbps

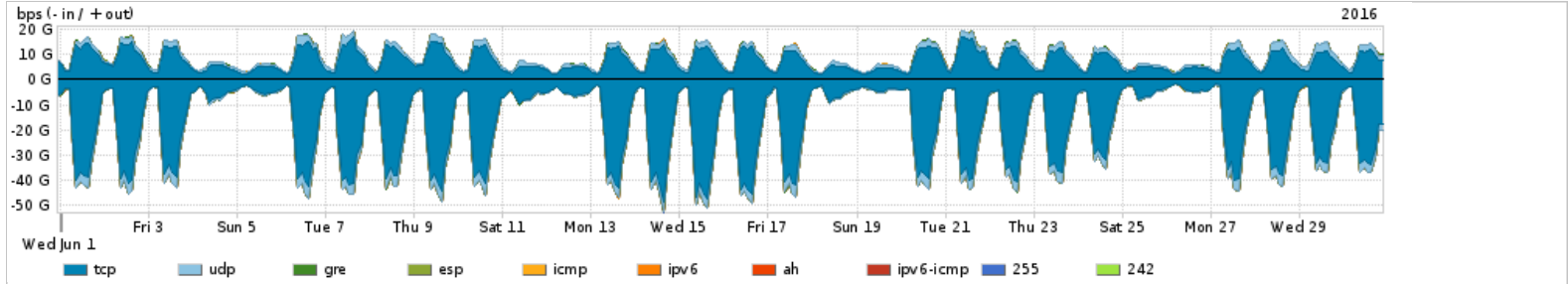
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> ssl		8.91 Gbps	2.26 Gbps	11.17 Gbps
<input type="checkbox"/> http		6.11 Gbps	3.76 Gbps	9.87 Gbps
<input type="checkbox"/> other UDP		1.48 Gbps	1.33 Gbps	2.81 Gbps
<input type="checkbox"/> other TCP		1.33 Gbps	1.09 Gbps	2.42 Gbps
<input type="checkbox"/> rsync		109.86 Mbps	26.76 Mbps	136.62 Mbps
<input type="checkbox"/> macromedia-fcs		82.80 Mbps	25.51 Mbps	108.31 Mbps
<input type="checkbox"/> dns		33.88 Mbps	57.39 Mbps	91.27 Mbps
<input type="checkbox"/> rdp		57.49 Mbps	28.92 Mbps	86.41 Mbps
<input type="checkbox"/> smtp		37.42 Mbps	47.27 Mbps	84.69 Mbps
<input type="checkbox"/> ssh		38.74 Mbps	37.85 Mbps	76.60 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		16.82 Gbps	7.41 Gbps	24.23 Gbps
<input type="checkbox"/> udp		1.55 Gbps	1.48 Gbps	3.03 Gbps
<input type="checkbox"/> gre		25.42 Mbps	71.73 Mbps	97.15 Mbps
<input type="checkbox"/> esp		29.41 Mbps	14.06 Mbps	43.46 Mbps
<input type="checkbox"/> icmp		6.05 Mbps	8.10 Mbps	14.15 Mbps
<input type="checkbox"/> ipv6		2.26 Mbps	1.14 Mbps	3.40 Mbps
<input type="checkbox"/> ah		897.25 Kbps	1.14 Mbps	2.03 Mbps
<input type="checkbox"/> ipv6-icmp		59.41 Kbps	161.75 Kbps	221.16 Kbps
<input type="checkbox"/> 255		4.00 bps	197.45 Kbps	197.45 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	242		0.00 bps	9.86 Kbps

For assistance with this product, please contact [support@arbornetworks.com](mailto:support@arbornetworks.com).