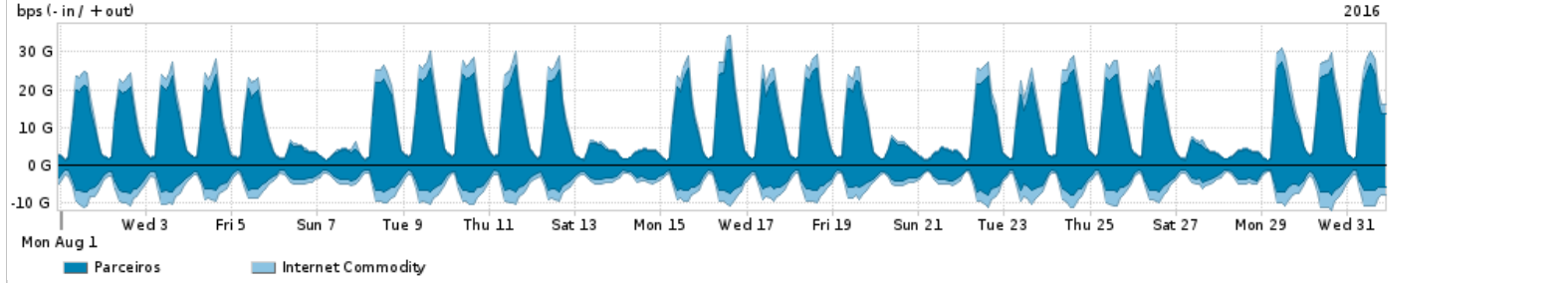


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

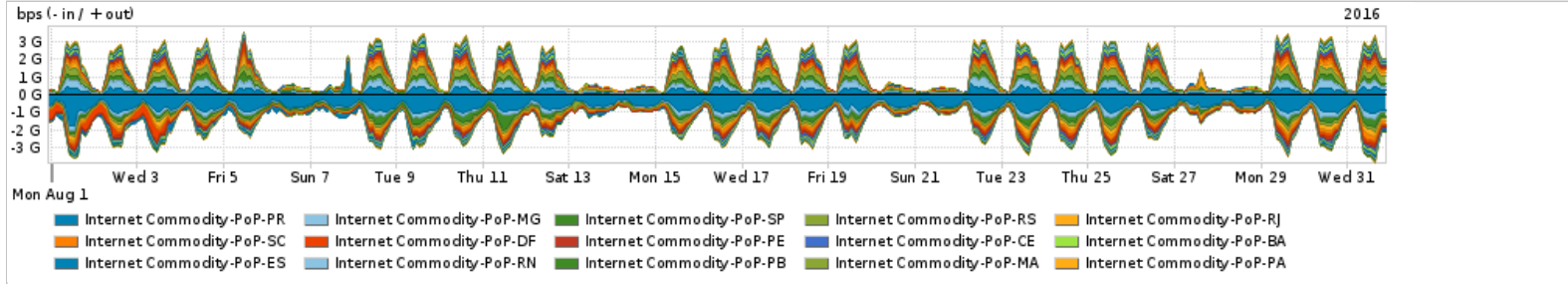
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input type="checkbox"/> Parceiros		4.28 Gbps	10.06 Gbps
<input type="checkbox"/> Internet Commodity		1.81 Gbps	1.58 Gbps
			14.34 Gbps
			3.39 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

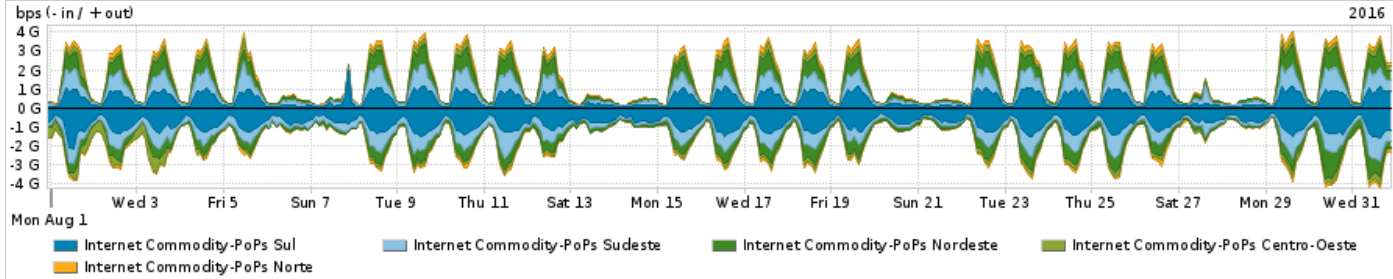


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-PR	654.59 Mbps	170.35 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	115.83 Mbps	175.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	151.32 Mbps	122.79 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	86.70 Mbps	186.09 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	94.71 Mbps	91.18 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	99.03 Mbps	80.83 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	86.81 Mbps	58.99 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	79.33 Mbps	53.85 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	44.58 Mbps	62.25 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	43.44 Mbps	62.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	59.84 Mbps	34.44 Mbps
				824.94 Mbps
				290.97 Mbps
				274.11 Mbps
				272.80 Mbps
				185.88 Mbps
				179.86 Mbps
				145.80 Mbps
				133.18 Mbps
				106.83 Mbps
				105.59 Mbps
				94.28 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	37.05 Mbps	56.89 Mbps	93.94 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	36.87 Mbps	39.53 Mbps	76.40 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	21.42 Mbps	32.23 Mbps	53.66 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	15.31 Mbps	38.16 Mbps	53.47 Mbps

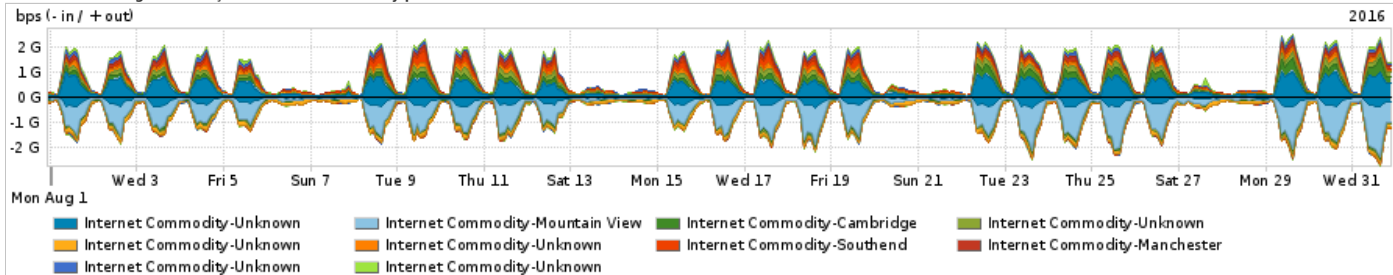
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoPs Sul	840.32 Mbps	437.28 Mbps	1.28 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	421.70 Mbps	423.55 Mbps	845.25 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	321.75 Mbps	365.20 Mbps	686.96 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	122.03 Mbps	119.85 Mbps	241.88 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	61.34 Mbps	110.88 Mbps	172.22 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

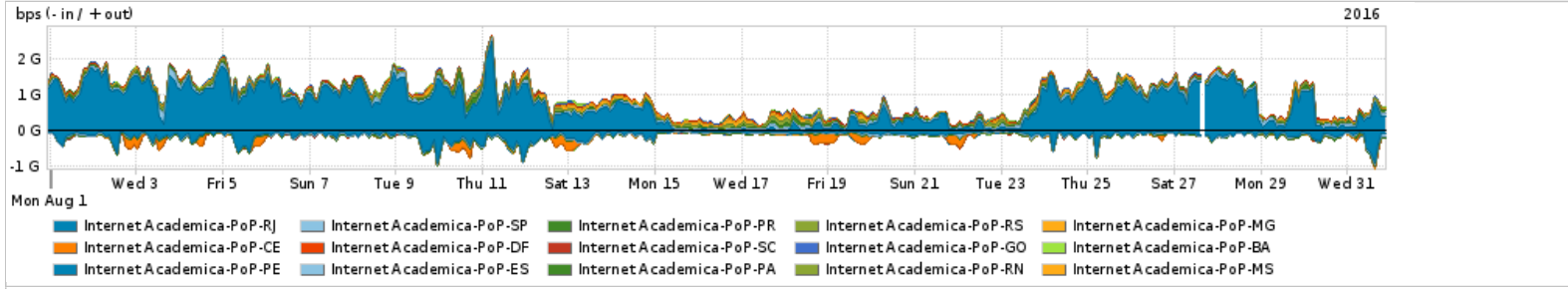


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	145.58 Mbps	296.74 Mbps	442.32 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	432.15 Mbps	3.97 Mbps	436.12 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	24.87 Mbps	102.72 Mbps	127.59 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	27.30 Mbps	83.78 Mbps	111.08 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	109.51 Mbps	114.17 Kbps	109.62 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	11.94 Mbps	79.51 Mbps	91.45 Mbps
<input type="checkbox"/>	Internet Commodity	Southend	3.75 Mbps	73.30 Mbps	77.05 Mbps
<input type="checkbox"/>	Internet Commodity	Manchester	2.63 Mbps	65.13 Mbps	67.76 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	9.28 Mbps	56.27 Mbps	65.55 Mbps

PROFILE	CITY	IN	OUT	TOTAL
Internet Commodity	Unknown	12.84 Mbps	47.64 Mbps	60.47 Mbps

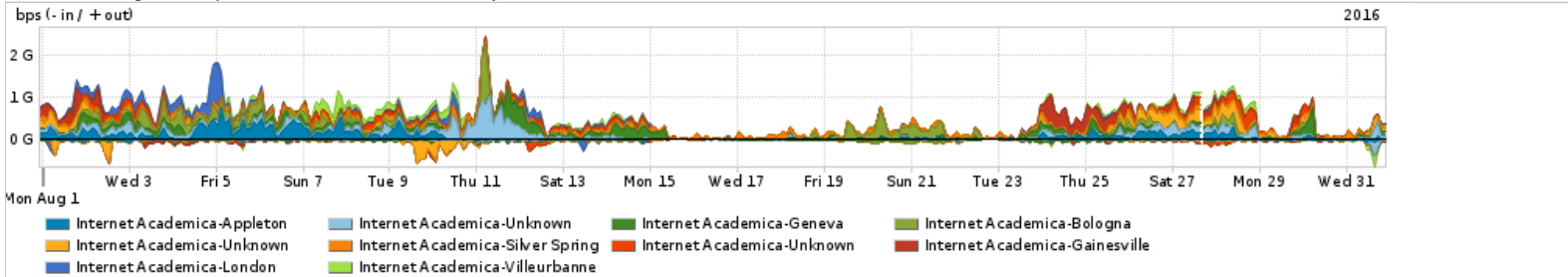
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
Internet Acadêmica	PoP-RJ	125.61 Mbps	732.36 Mbps	857.96 Mbps
Internet Acadêmica	PoP-SP	26.86 Mbps	49.26 Mbps	76.13 Mbps
Internet Acadêmica	PoP-PR	22.27 Mbps	40.16 Mbps	62.42 Mbps
Internet Acadêmica	PoP-RS	1.64 Mbps	40.07 Mbps	41.71 Mbps
Internet Acadêmica	PoP-MG	3.27 Mbps	34.98 Mbps	38.24 Mbps
Internet Acadêmica	PoP-CE	29.42 Mbps	3.12 Mbps	32.54 Mbps
Internet Acadêmica	PoP-DF	1.20 Mbps	21.35 Mbps	22.55 Mbps
Internet Acadêmica	PoP-SC	1.50 Mbps	10.78 Mbps	12.27 Mbps
Internet Acadêmica	PoP-GO	475.90 Kbps	9.99 Mbps	10.46 Mbps
Internet Acadêmica	PoP-BA	293.07 Kbps	6.69 Mbps	6.98 Mbps
Internet Acadêmica	PoP-PE	1.58 Mbps	3.77 Mbps	5.35 Mbps
Internet Acadêmica	PoP-ES	305.58 Kbps	3.01 Mbps	3.31 Mbps
Internet Acadêmica	PoP-PA	81.45 Kbps	2.98 Mbps	3.06 Mbps
Internet Acadêmica	PoP-RN	76.31 Kbps	1.85 Mbps	1.92 Mbps
Internet Acadêmica	PoP-MS	50.07 Kbps	1.70 Mbps	1.75 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

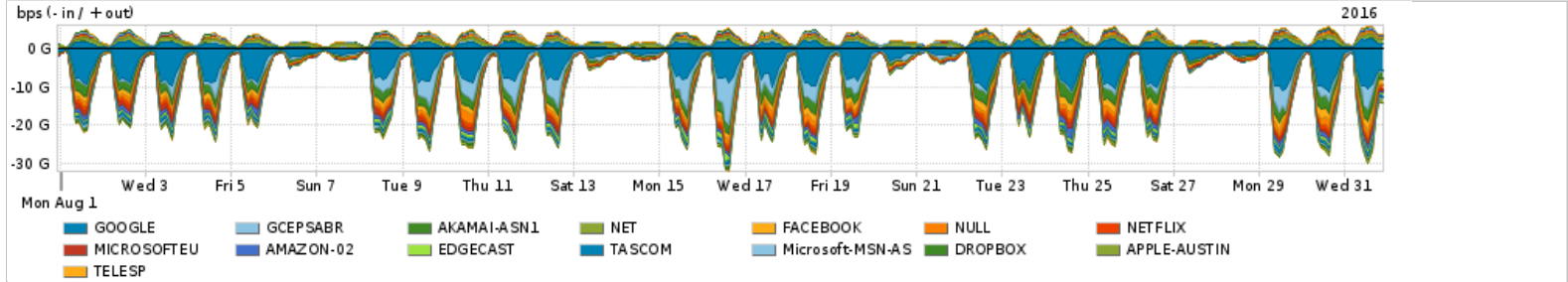


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL
Internet Acadêmica	Appleton	3.65 Mbps	83.62 Mbps	87.28 Mbps
Internet Acadêmica	Unknown	5.95 Mbps	77.80 Mbps	83.75 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Geneva	9.94 Mbps	69.18 Mbps	79.12 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	4.47 Mbps	72.20 Mbps	76.66 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	18.31 Mbps	40.35 Mbps	58.66 Mbps
<input type="checkbox"/>	Internet Academica	Silver Spring	682.98 Kbps	56.78 Mbps	57.47 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	6.80 Mbps	42.25 Mbps	49.05 Mbps
<input type="checkbox"/>	Internet Academica	Gainesville	8.32 Mbps	37.20 Mbps	45.52 Mbps
<input type="checkbox"/>	Internet Academica	London	2.18 Mbps	42.62 Mbps	44.80 Mbps
<input type="checkbox"/>	Internet Academica	Villeurbanne	3.85 Mbps	34.82 Mbps	38.67 Mbps

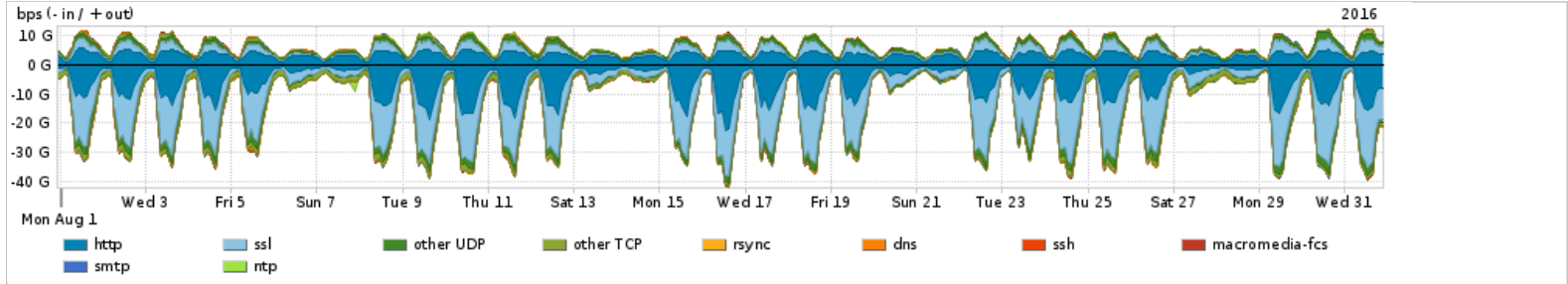
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	3.90 Gbps	821.60 Mbps	4.72 Gbps
<input type="checkbox"/>	GCEPSABR	28604	1.11 Gbps	39.77 Mbps	1.15 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.05 Gbps	43.99 Mbps	1.10 Gbps
<input type="checkbox"/>	NET	28573	124.29 Mbps	757.28 Mbps	881.57 Mbps
<input type="checkbox"/>	FACEBOOK	32934	729.57 Mbps	87.74 Mbps	817.31 Mbps
<input type="checkbox"/>	NULL	0	486.79 Mbps	112.81 Mbps	599.61 Mbps
<input type="checkbox"/>	NETFLIX	2906	521.74 Mbps	7.09 Mbps	528.82 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	433.25 Mbps	71.19 Mbps	504.43 Mbps
<input type="checkbox"/>	AMAZON-02	16509	388.27 Mbps	80.66 Mbps	468.93 Mbps
<input type="checkbox"/>	EDGECAST	15133	333.79 Mbps	6.47 Mbps	340.26 Mbps
<input type="checkbox"/>	TASCOM	52871	331.52 Mbps	4.13 Mbps	335.64 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	194.12 Mbps	139.47 Mbps	333.59 Mbps
<input type="checkbox"/>	DROPBOX	19679	213.61 Mbps	118.49 Mbps	332.10 Mbps
<input type="checkbox"/>	APPLE-AUSTIN	6185	278.99 Mbps	5.99 Mbps	284.98 Mbps
<input type="checkbox"/>	TELES P	27699	50.21 Mbps	225.83 Mbps	276.03 Mbps

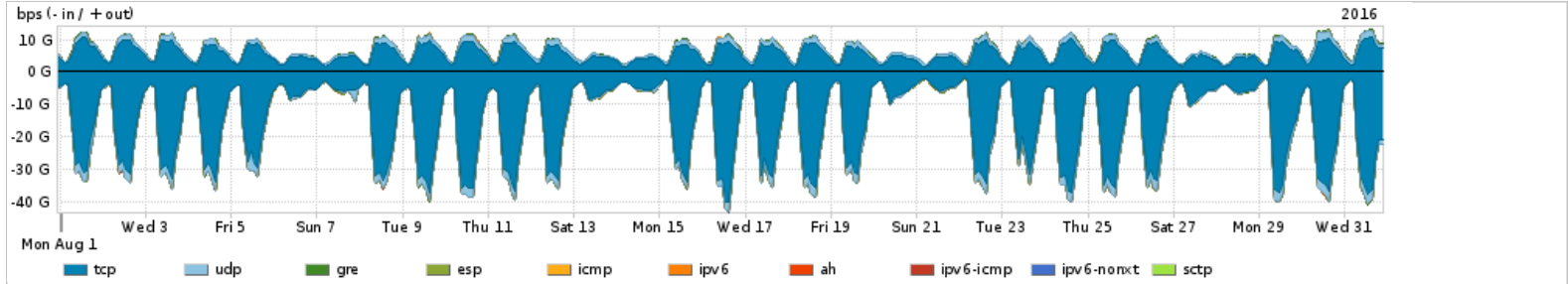
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> http		5.78 Gbps	3.20 Gbps	8.98 Gbps
<input type="checkbox"/> ssl		7.14 Gbps	1.48 Gbps	8.62 Gbps
<input type="checkbox"/> other UDP		1.10 Gbps	971.15 Mbps	2.07 Gbps
<input type="checkbox"/> other TCP		1.38 Gbps	547.36 Mbps	1.92 Gbps
<input type="checkbox"/> rsync		99.11 Mbps	33.78 Mbps	132.89 Mbps
<input type="checkbox"/> dns		34.52 Mbps	64.14 Mbps	98.66 Mbps
<input type="checkbox"/> ssh		36.96 Mbps	34.52 Mbps	71.48 Mbps
<input type="checkbox"/> macromedia-fcs		53.50 Mbps	16.81 Mbps	70.31 Mbps
<input type="checkbox"/> smtp		33.39 Mbps	33.49 Mbps	66.88 Mbps
<input type="checkbox"/> ntp		18.54 Mbps	38.24 Mbps	56.78 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		14.78 Gbps	5.51 Gbps	20.29 Gbps
<input type="checkbox"/> udp		1.19 Gbps	1.08 Gbps	2.27 Gbps
<input type="checkbox"/> gre		24.58 Mbps	89.93 Mbps	114.52 Mbps
<input type="checkbox"/> esp		41.89 Mbps	14.64 Mbps	56.54 Mbps
<input type="checkbox"/> icmp		5.59 Mbps	7.89 Mbps	13.49 Mbps
<input type="checkbox"/> ipv6		1.51 Mbps	715.61 Kbps	2.23 Mbps
<input type="checkbox"/> ah		641.85 Kbps	41.45 Kbps	683.30 Kbps
<input type="checkbox"/> ipv6-icmp		296.69 Kbps	242.95 Kbps	539.64 Kbps
<input type="checkbox"/> ipv6-nonxt		708.00 bps	0.00 bps	708.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	sctp		18.00 bps	17.00 bps 35.00 bps

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