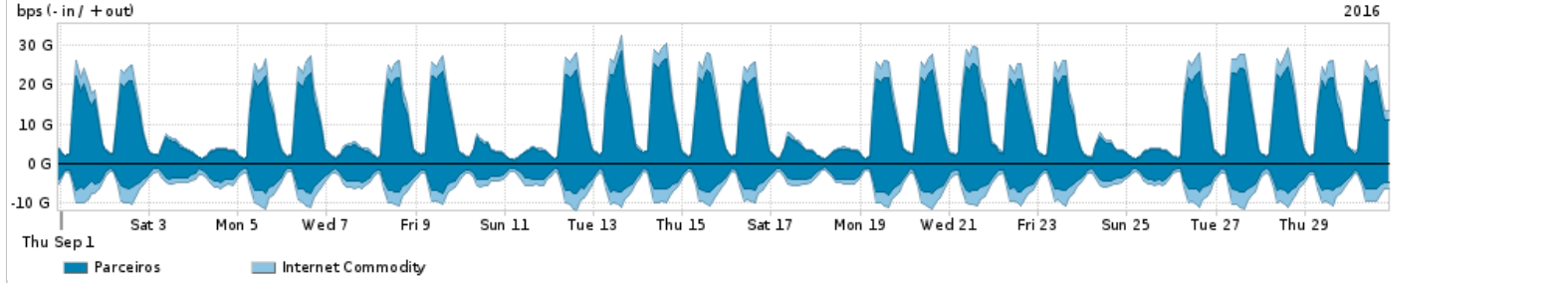


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

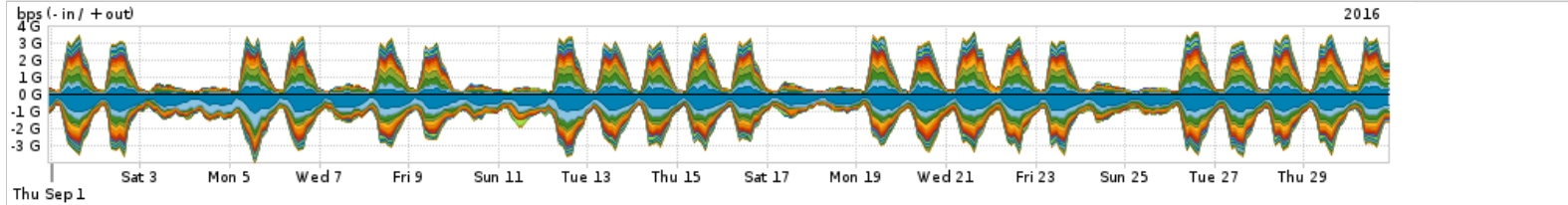
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		4.22 Gbps	9.61 Gbps	13.83 Gbps
<input type="checkbox"/> Internet Commodity		1.90 Gbps	1.66 Gbps	3.56 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

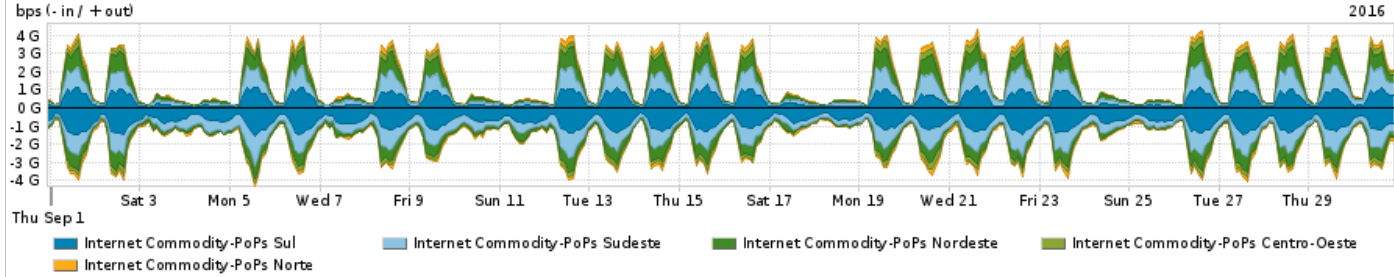


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	598.60 Mbps	159.00 Mbps	757.60 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	243.37 Mbps	114.75 Mbps	358.12 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	160.85 Mbps	182.58 Mbps	343.43 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	74.98 Mbps	179.80 Mbps	254.78 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	125.73 Mbps	126.34 Mbps	252.07 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	122.74 Mbps	83.08 Mbps	205.82 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	67.33 Mbps	65.63 Mbps	132.96 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	61.57 Mbps	61.32 Mbps	122.89 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	47.00 Mbps	68.67 Mbps	115.67 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	61.24 Mbps	41.08 Mbps	102.31 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	40.13 Mbps	61.49 Mbps	101.61 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	30.92 Mbps	58.42 Mbps	89.34 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	30.60 Mbps	40.40 Mbps	71.00 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-AM	36.17 Mbps	23.55 Mbps	59.72 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	23.51 Mbps	35.85 Mbps	59.36 Mbps

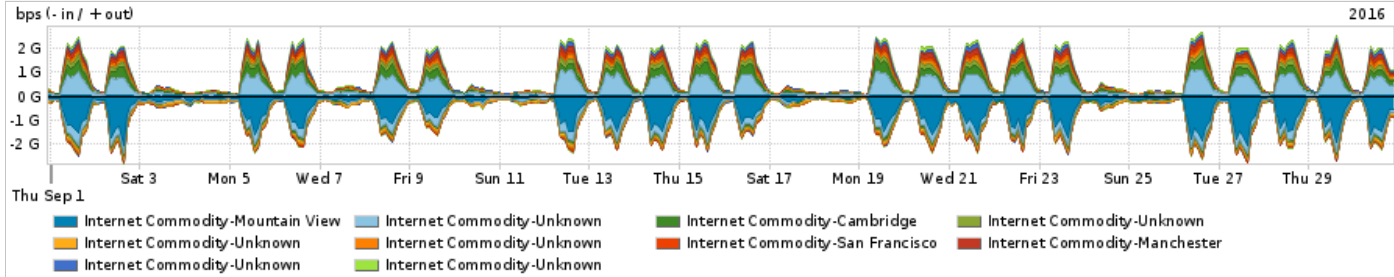
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoPs Sul	796.32 Mbps	421.87 Mbps	1.22 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	560.55 Mbps	464.08 Mbps	1.02 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	304.90 Mbps	381.65 Mbps	686.55 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	109.14 Mbps	129.49 Mbps	238.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	86.79 Mbps	107.37 Mbps	194.16 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

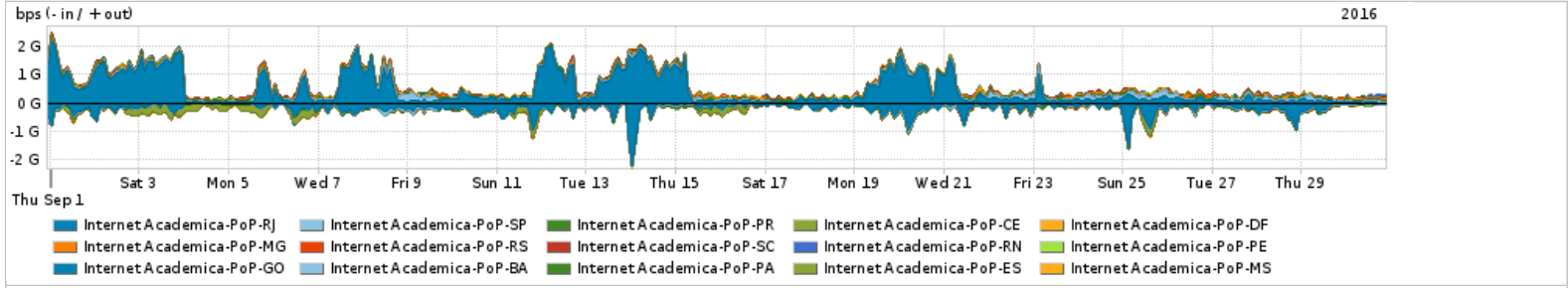


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Mountain View	506.99 Mbps	2.71 Mbps	509.70 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	149.03 Mbps	351.15 Mbps	500.18 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	26.07 Mbps	144.56 Mbps	170.63 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	25.06 Mbps	82.59 Mbps	107.65 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	98.08 Mbps	66.52 Kbps	98.15 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	11.84 Mbps	72.72 Mbps	84.56 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	26.83 Mbps	44.93 Mbps	71.76 Mbps
<input type="checkbox"/>	Internet Commodity	Manchester	2.72 Mbps	66.99 Mbps	69.71 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	10.16 Mbps	58.50 Mbps	68.65 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	16.51 Mbps	51.20 Mbps	67.71 Mbps

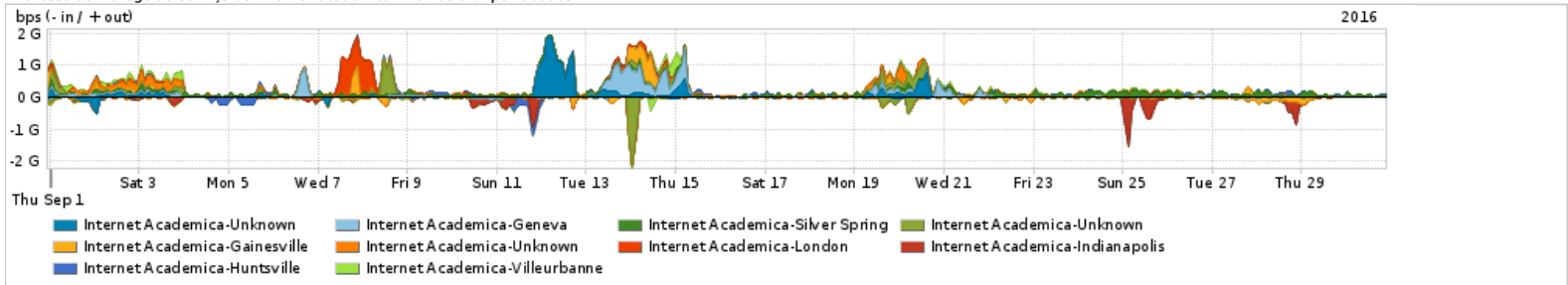
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	PoP-RJ	190.33 Mbps	449.51 Mbps	639.84 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SP	35.32 Mbps	60.90 Mbps	96.22 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PR	22.74 Mbps	34.68 Mbps	57.42 Mbps
<input type="checkbox"/>	Internet Academica	PoP-CE	43.69 Mbps	3.41 Mbps	47.10 Mbps
<input type="checkbox"/>	Internet Academica	PoP-DF	1.21 Mbps	24.18 Mbps	25.39 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	4.30 Mbps	19.30 Mbps	23.60 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.54 Mbps	19.05 Mbps	20.58 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	1.66 Mbps	10.23 Mbps	11.89 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	439.00 Kbps	4.93 Mbps	5.37 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	1.44 Mbps	2.63 Mbps	4.06 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	306.87 Kbps	3.46 Mbps	3.76 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	551.33 Kbps	2.62 Mbps	3.17 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	77.39 Kbps	2.33 Mbps	2.40 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	519.98 Kbps	1.58 Mbps	2.10 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MS	66.44 Kbps	985.33 Kbps	1.05 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

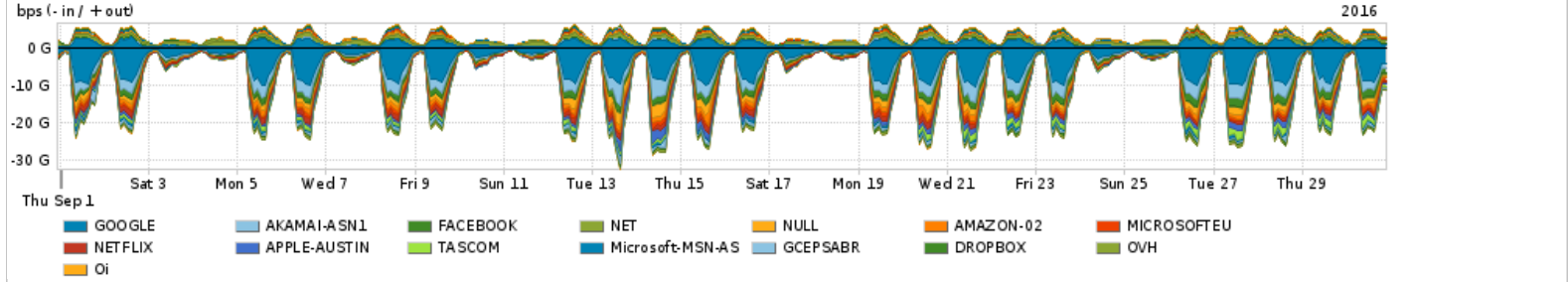


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Unknown	10.44 Mbps	65.50 Mbps	75.94 Mbps
<input type="checkbox"/>	Internet Academica	Geneva	6.36 Mbps	59.18 Mbps	65.54 Mbps

PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Academica	Silver Spring	1.12 Mbps	64.10 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	21.57 Mbps	33.63 Mbps
<input type="checkbox"/>	Internet Academica	Gainesville	18.12 Mbps	25.51 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.73 Mbps	32.09 Mbps
<input type="checkbox"/>	Internet Academica	London	804.22 Kbps	34.58 Mbps
<input type="checkbox"/>	Internet Academica	Indianapolis	31.59 Mbps	84.22 Kbps
<input type="checkbox"/>	Internet Academica	Huntsville	13.75 Mbps	14.05 Mbps
<input type="checkbox"/>	Internet Academica	Villeurbanne	4.92 Mbps	22.37 Mbps

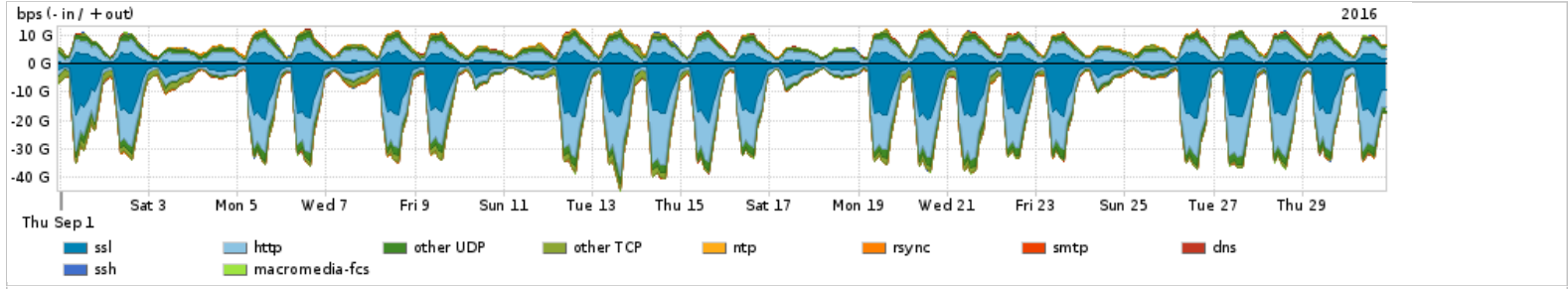
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL
<input type="checkbox"/>	GOOGLE	15169	3.90 Gbps	919.39 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.20 Gbps	42.93 Mbps
<input type="checkbox"/>	FACEBOOK	32934	796.96 Mbps	92.20 Mbps
<input type="checkbox"/>	NET	28573	124.23 Mbps	756.21 Mbps
<input type="checkbox"/>	NULL	0	637.54 Mbps	108.45 Mbps
<input type="checkbox"/>	AMAZON-02	16509	459.28 Mbps	99.21 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	445.11 Mbps	66.58 Mbps
<input type="checkbox"/>	NETFLIX	2906	505.03 Mbps	6.51 Mbps
<input type="checkbox"/>	APPLE-AUSTIN	6185	444.78 Mbps	8.09 Mbps
<input type="checkbox"/>	TASCOM	52871	380.25 Mbps	4.77 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	234.57 Mbps	129.81 Mbps
<input type="checkbox"/>	GCEPSABR	28604	336.85 Mbps	20.83 Mbps
<input type="checkbox"/>	DROPBOX	19679	201.60 Mbps	123.88 Mbps
<input type="checkbox"/>	OVH	16276	242.05 Mbps	64.82 Mbps
<input type="checkbox"/>	Oi	7738	51.92 Mbps	254.10 Mbps

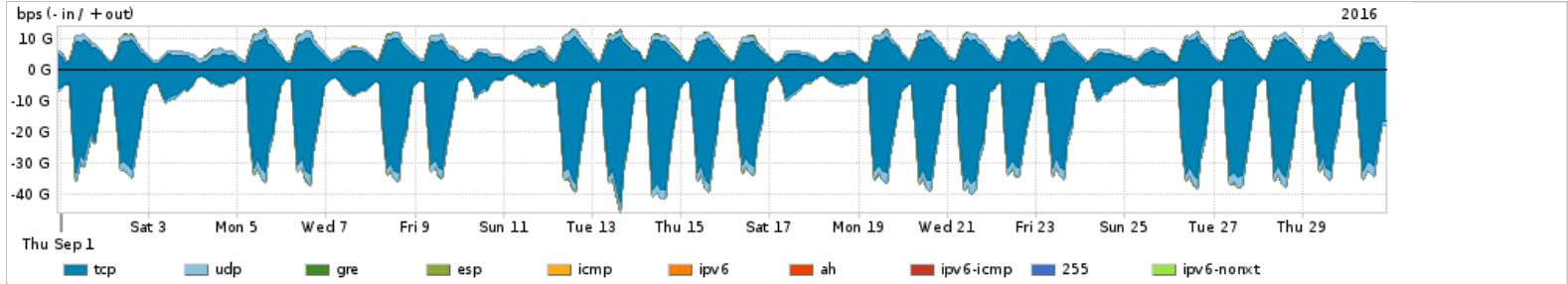
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> ssl		7.29 Gbps	1.62 Gbps	8.90 Gbps
<input type="checkbox"/> http		5.47 Gbps	3.05 Gbps	8.52 Gbps
<input type="checkbox"/> other UDP		1.15 Gbps	985.61 Mbps	2.14 Gbps
<input type="checkbox"/> other TCP		1.08 Gbps	598.57 Mbps	1.68 Gbps
<input type="checkbox"/> ntp		7.12 Mbps	203.87 Mbps	210.99 Mbps
<input type="checkbox"/> rsync		145.74 Mbps	37.90 Mbps	183.64 Mbps
<input type="checkbox"/> smtp		32.20 Mbps	31.39 Mbps	63.59 Mbps
<input type="checkbox"/> dns		26.65 Mbps	36.68 Mbps	63.33 Mbps
<input type="checkbox"/> ssh		32.40 Mbps	30.43 Mbps	62.82 Mbps
<input type="checkbox"/> macromedia-fcs		42.79 Mbps	18.31 Mbps	61.11 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		14.40 Gbps	5.54 Gbps	19.94 Gbps
<input type="checkbox"/> udp		1.25 Gbps	1.25 Gbps	2.49 Gbps
<input type="checkbox"/> gre		18.78 Mbps	76.84 Mbps	95.61 Mbps
<input type="checkbox"/> esp		43.08 Mbps	13.69 Mbps	56.76 Mbps
<input type="checkbox"/> icmp		5.52 Mbps	7.34 Mbps	12.86 Mbps
<input type="checkbox"/> ipv6		1.50 Mbps	925.87 Kbps	2.43 Mbps
<input type="checkbox"/> ah		731.31 Kbps	57.34 Kbps	788.65 Kbps
<input type="checkbox"/> ipv6-icmp		349.34 Kbps	306.21 Kbps	655.55 Kbps
<input type="checkbox"/> 255		7.00 bps	30.67 Kbps	30.67 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt		555.00 bps	0.00 bps 555.00 bps

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