

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

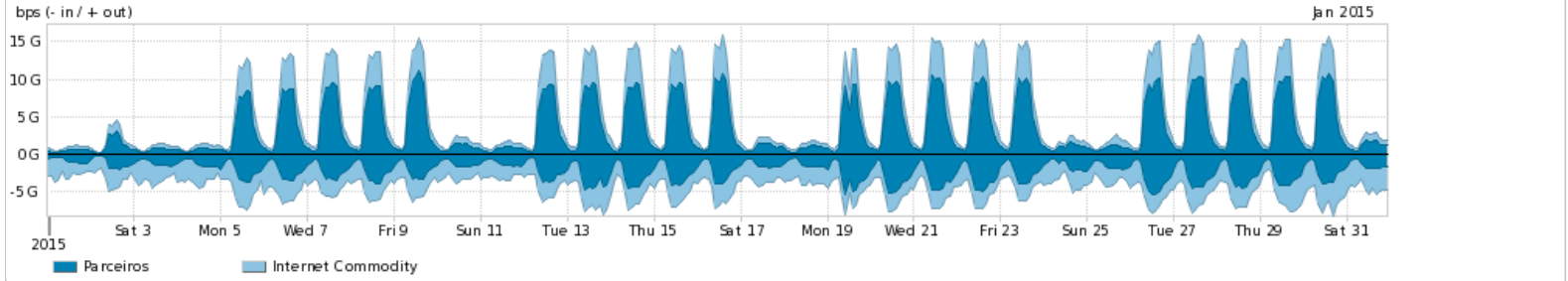
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

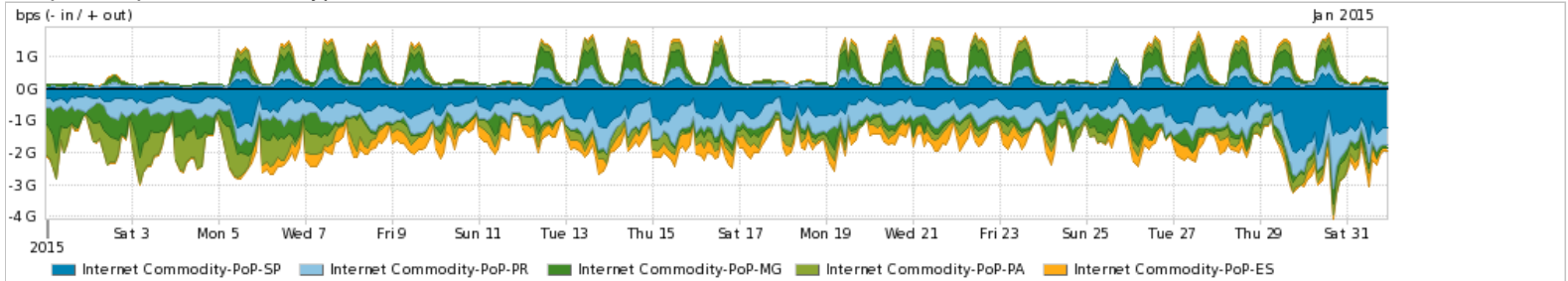
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		2.16 Gbps	3.30 Gbps	5.45 Gbps
<input checked="" type="checkbox"/> Internet Commodity		2.39 Gbps	1.76 Gbps	4.15 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

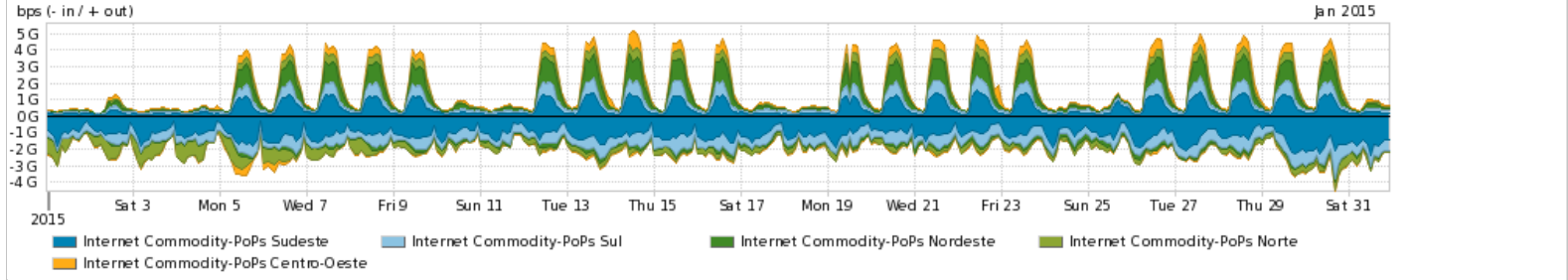


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	638.47 Mbps	126.08 Mbps	764.55 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	468.16 Mbps	126.14 Mbps	594.30 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	246.65 Mbps	196.79 Mbps	443.44 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	262.59 Mbps	86.22 Mbps	348.81 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-ES	212.85 Mbps	31.59 Mbps	244.44 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	34.81 Mbps	146.52 Mbps	181.33 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	22.75 Mbps	128.25 Mbps	151.00 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	36.30 Mbps	100.21 Mbps	136.51 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	65.53 Mbps	62.55 Mbps	128.08 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	31.19 Mbps	91.17 Mbps	122.36 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	31.07 Mbps	67.07 Mbps	98.14 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	16.40 Mbps	60.63 Mbps	77.04 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	4.99 Mbps	60.25 Mbps	65.24 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	8.80 Mbps	56.01 Mbps	64.81 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	23.82 Mbps	33.86 Mbps	57.68 Mbps

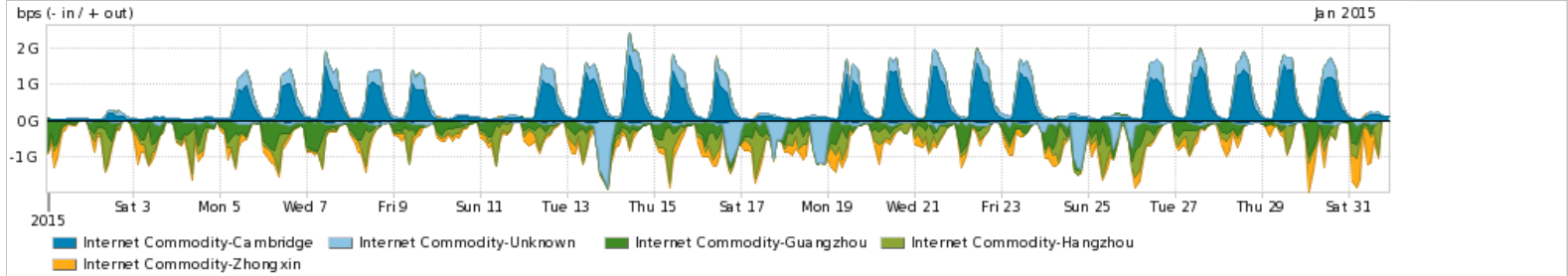
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	1.13 Gbps	454.67 Mbps	1.59 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	556.44 Mbps	316.94 Mbps	873.38 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	134.82 Mbps	465.17 Mbps	599.98 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	280.34 Mbps	179.27 Mbps	459.61 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	69.27 Mbps	215.50 Mbps	284.77 Mbps

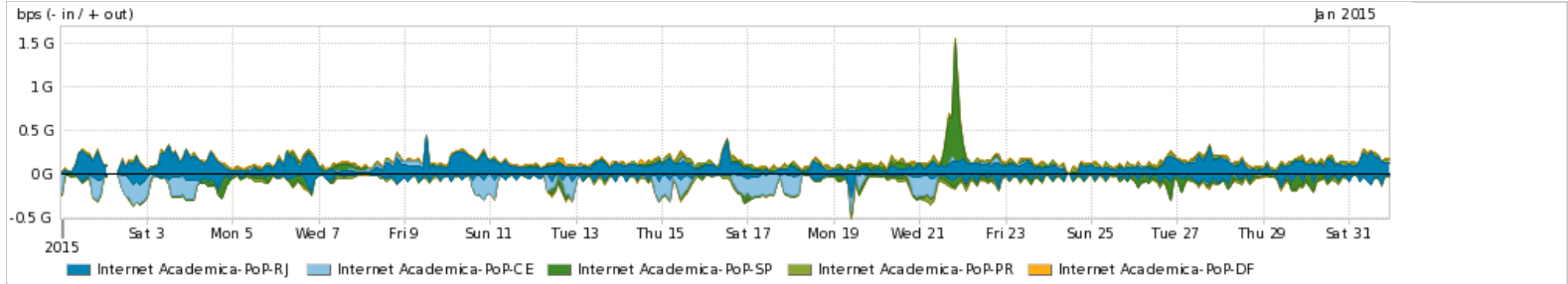
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	17.73 Mbps	335.33 Mbps	353.06 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	115.68 Mbps	166.79 Mbps	282.47 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Guangzhou	201.00 Mbps	1.13 Mbps	202.13 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Hangzhou	174.76 Mbps	977.50 Kbps	175.74 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Zhongxin	117.02 Mbps	949.26 Kbps	117.97 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	6.58 Mbps	106.40 Mbps	112.98 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	10.79 Mbps	98.48 Mbps	109.27 Mbps
<input type="checkbox"/>	Internet Commodity	Taizhou	102.80 Mbps	62.02 Kbps	102.86 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	20.69 Mbps	62.88 Mbps	83.57 Mbps
<input type="checkbox"/>	Internet Commodity	Fuzhou	81.35 Mbps	281.68 Kbps	81.63 Mbps

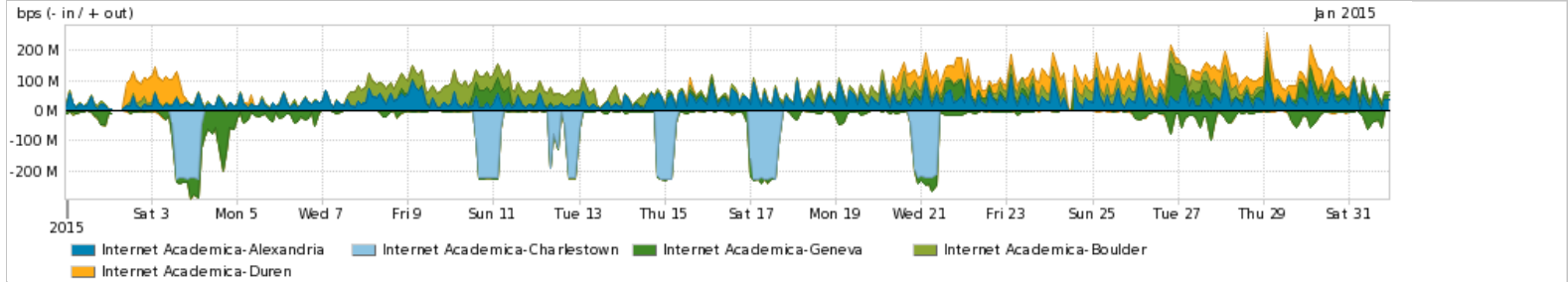
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	36.50 Mbps	98.98 Mbps	135.48 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-CE	38.68 Mbps	3.75 Mbps	42.44 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	23.32 Mbps	17.07 Mbps	40.39 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	12.49 Mbps	18.57 Mbps	31.07 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-DF	1.62 Mbps	14.69 Mbps	16.31 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	465.25 Kbps	10.33 Mbps	10.79 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	2.09 Mbps	7.95 Mbps	10.05 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.03 Mbps	8.50 Mbps	9.53 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	464.01 Kbps	4.58 Mbps	5.05 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	2.06 Mbps	2.75 Mbps	4.81 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	727.44 Kbps	1.32 Mbps	2.05 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	287.28 Kbps	1.34 Mbps	1.63 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	213.11 Kbps	666.64 Kbps	879.74 Kbps
<input type="checkbox"/>	Internet Academica	PoP-RN	85.34 Kbps	638.96 Kbps	724.30 Kbps
<input type="checkbox"/>	Internet Academica	PoP-MA	76.63 Kbps	562.96 Kbps	639.59 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

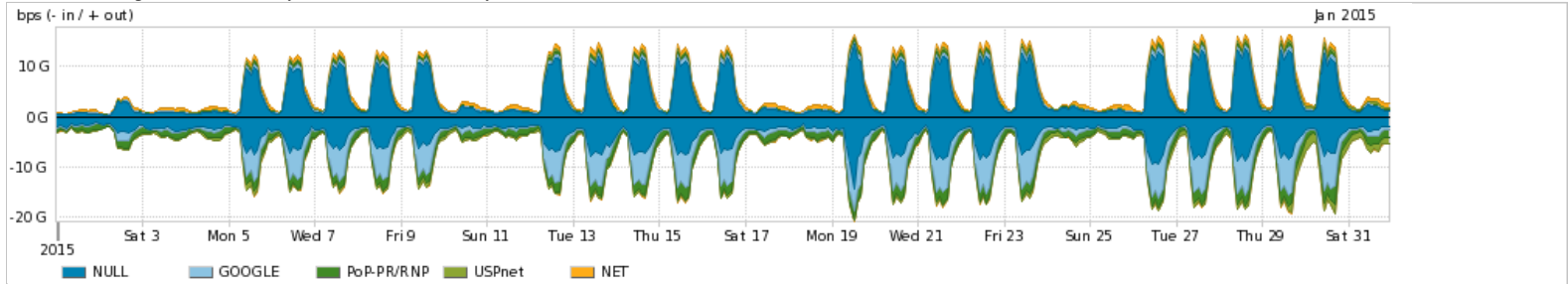


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Alexandria	519.76 Kbps	32.69 Mbps	33.21 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Charlestown	23.64 Mbps	2.65 Kbps	23.64 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Geneva	12.30 Mbps	9.30 Mbps	21.59 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Boulder	438.90 Kbps	20.48 Mbps	20.92 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Duren	306.85 Kbps	18.19 Mbps	18.49 Mbps

Redes	PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica		Unknown	2.37 Mbps	12.82 Mbps	15.20 Mbps
<input type="checkbox"/>	Internet Academica	Berlin		14.83 Mbps	57.38 Kbps	14.88 Mbps
<input type="checkbox"/>	Internet Academica	Poznan		160.43 Kbps	12.70 Mbps	12.86 Mbps
<input type="checkbox"/>	Internet Academica	Bologna		4.46 Mbps	7.51 Mbps	11.97 Mbps
<input type="checkbox"/>	Internet Academica	Appleton		1.11 Mbps	10.77 Mbps	11.88 Mbps

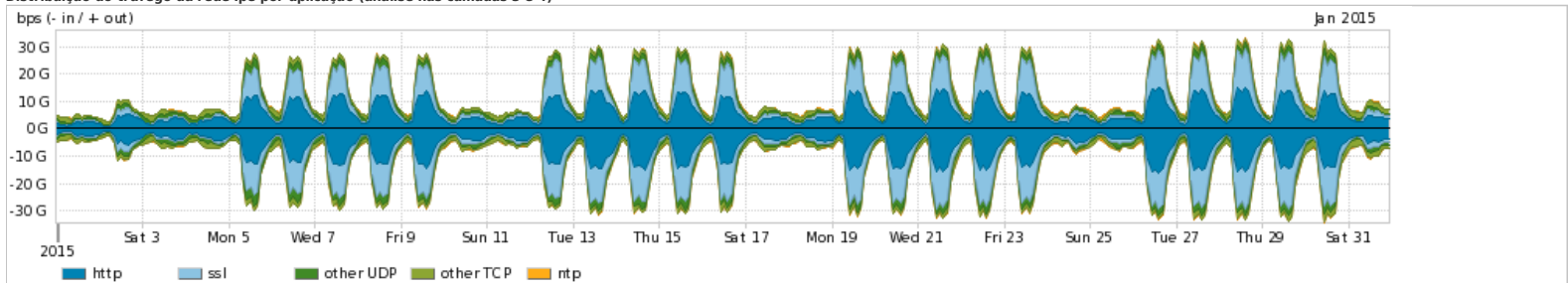
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

Redes	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	NULL	0		3.70 Gbps	3.93 Gbps	7.63 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169		2.09 Gbps	270.17 Mbps	2.36 Gbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881		1.29 Gbps	221.09 Mbps	1.52 Gbps
<input checked="" type="checkbox"/>	USPnet	28571		513.65 Mbps	191.05 Mbps	704.70 Mbps
<input checked="" type="checkbox"/>	NET	28573		46.08 Mbps	654.96 Mbps	701.04 Mbps
<input type="checkbox"/>	RedeRio	2715		175.15 Mbps	447.12 Mbps	622.27 Mbps
<input type="checkbox"/>	CHINANET-BACKBONE	4134		23.02 Mbps	595.84 Mbps	618.87 Mbps
<input type="checkbox"/>	FACEBOOK	32934		535.48 Mbps	45.71 Mbps	581.20 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940		438.62 Mbps	18.97 Mbps	457.59 Mbps
<input type="checkbox"/>	RedeTche	2716		89.67 Mbps	360.75 Mbps	450.43 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164		4.20 Mbps	379.17 Mbps	383.37 Mbps
<input type="checkbox"/>	UFDP	262511		190.36 Mbps	175.91 Mbps	366.27 Mbps
<input type="checkbox"/>	Oi	7738		27.90 Mbps	262.55 Mbps	290.45 Mbps
<input type="checkbox"/>	AMAZON-AES	14618		171.65 Mbps	110.65 Mbps	282.30 Mbps
<input type="checkbox"/>	OVH	16276		67.08 Mbps	203.21 Mbps	270.29 Mbps

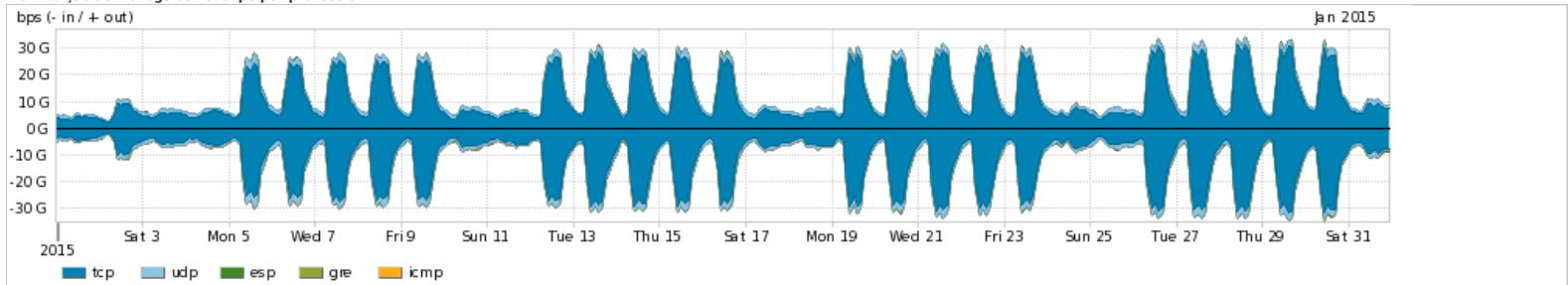
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		6.30 Gbps	5.93 Gbps	12.23 Gbps
<input checked="" type="checkbox"/>	ssl		4.10 Gbps	3.80 Gbps	7.90 Gbps
<input checked="" type="checkbox"/>	other UDP		1.41 Gbps	1.38 Gbps	2.79 Gbps
<input checked="" type="checkbox"/>	other TCP		1.41 Gbps	1.33 Gbps	2.74 Gbps
<input checked="" type="checkbox"/>	ntp		169.46 Mbps	175.88 Mbps	345.34 Mbps
<input type="checkbox"/>	rsync		128.72 Mbps	111.54 Mbps	240.26 Mbps
<input type="checkbox"/>	rdp		88.01 Mbps	82.04 Mbps	170.05 Mbps
<input type="checkbox"/>	macromedia-fcs		86.36 Mbps	81.44 Mbps	167.80 Mbps
<input type="checkbox"/>	dns		60.98 Mbps	58.03 Mbps	119.01 Mbps
<input type="checkbox"/>	afs		54.02 Mbps	49.41 Mbps	103.43 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		12.27 Gbps	11.50 Gbps	23.77 Gbps
<input checked="" type="checkbox"/>	udp		1.70 Gbps	1.67 Gbps	3.37 Gbps
<input checked="" type="checkbox"/>	esp		27.89 Mbps	27.66 Mbps	55.54 Mbps
<input checked="" type="checkbox"/>	gre		15.69 Mbps	17.03 Mbps	32.72 Mbps
<input checked="" type="checkbox"/>	icmp		11.68 Mbps	10.97 Mbps	22.65 Mbps
<input type="checkbox"/>	ipv6		4.07 Mbps	3.96 Mbps	8.02 Mbps
<input type="checkbox"/>	ah		234.09 Kbps	235.12 Kbps	469.21 Kbps
<input type="checkbox"/>	pim		7.87 Kbps	892.00 bps	8.76 Kbps
<input type="checkbox"/>	mux		2.95 Kbps	3.36 Kbps	6.31 Kbps
<input type="checkbox"/>	gpp		3.33 Kbps	2.81 Kbps	6.14 Kbps

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