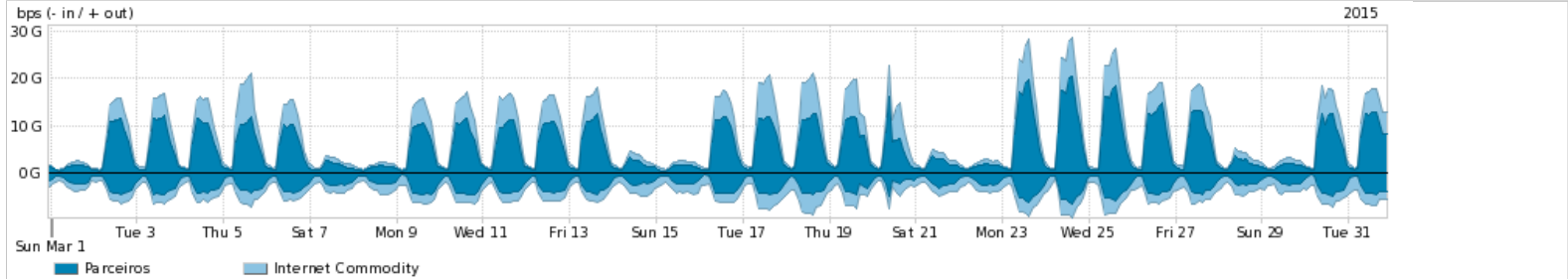


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

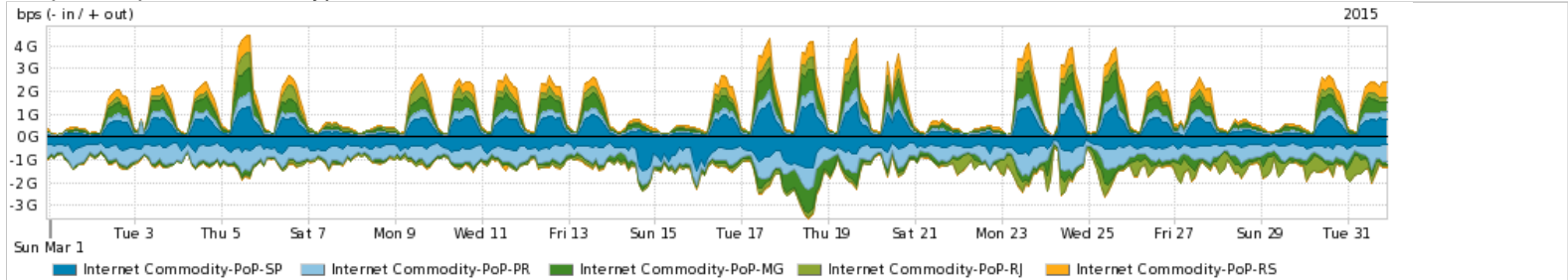
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros		2.74 Gbps	5.11 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.92 Gbps	2.64 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

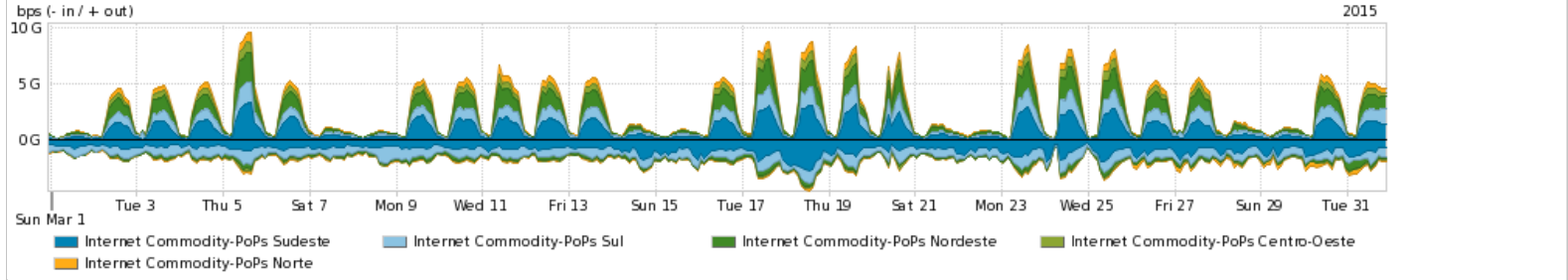


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	491.86 Mbps	418.31 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	538.20 Mbps	169.71 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	165.31 Mbps	296.05 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	160.57 Mbps	144.70 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RS	32.49 Mbps	242.52 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	98.10 Mbps	128.99 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	40.52 Mbps	144.00 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	66.27 Mbps	109.39 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	26.93 Mbps	137.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	25.37 Mbps	116.86 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	35.45 Mbps	82.20 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	38.66 Mbps	74.30 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	4.19 Mbps	107.26 Mbps	111.45 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	42.48 Mbps	50.27 Mbps	92.75 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PI	34.95 Mbps	53.37 Mbps	88.32 Mbps

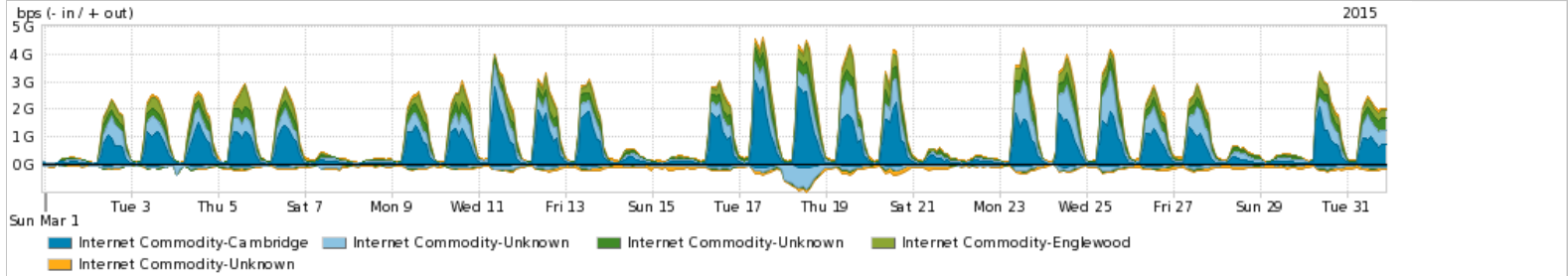
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	860.22 Mbps	909.32 Mbps	1.77 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	671.41 Mbps	552.90 Mbps	1.22 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	192.46 Mbps	677.54 Mbps	870.00 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	79.65 Mbps	262.05 Mbps	341.70 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	94.13 Mbps	225.54 Mbps	319.67 Mbps

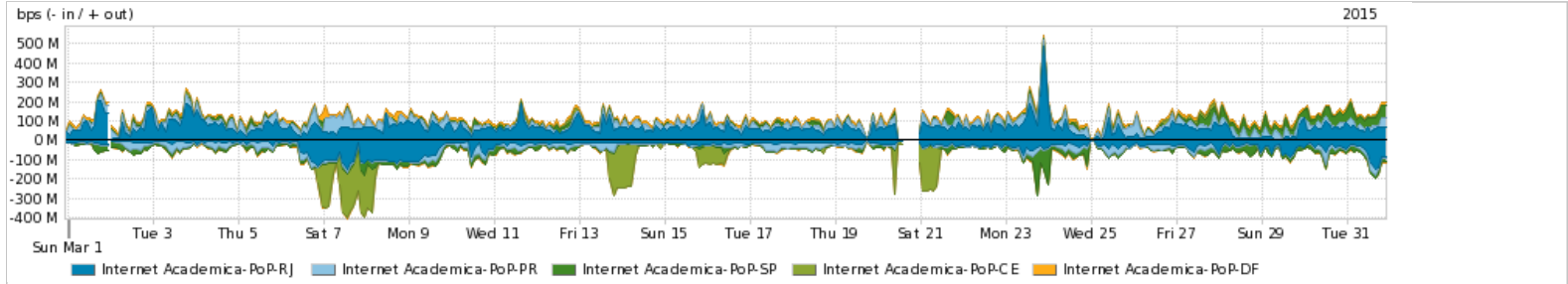
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	28.41 Mbps	537.61 Mbps	566.02 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	76.67 Mbps	277.72 Mbps	354.39 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	13.89 Mbps	173.81 Mbps	187.70 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Englewood	1.74 Mbps	149.87 Mbps	151.61 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	62.53 Mbps	62.99 Mbps	125.51 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	11.92 Mbps	112.94 Mbps	124.86 Mbps
<input type="checkbox"/>	Internet Commodity	Beijing	76.77 Mbps	2.96 Mbps	79.74 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	28.40 Mbps	42.78 Mbps	71.18 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	68.66 Mbps	570.92 Kbps	69.23 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	746.93 Kbps	62.52 Mbps	63.26 Mbps

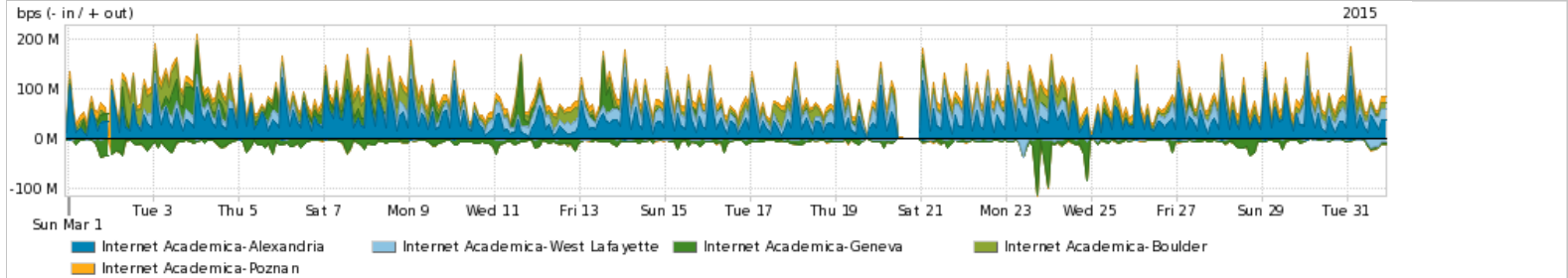
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	29.98 Mbps	65.04 Mbps	95.02 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	15.01 Mbps	23.03 Mbps	38.04 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	13.83 Mbps	10.64 Mbps	24.47 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	18.41 Mbps	2.70 Mbps	21.10 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	1.90 Mbps	13.35 Mbps	15.25 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.84 Mbps	11.54 Mbps	14.38 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	3.43 Mbps	10.37 Mbps	13.80 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	1.75 Mbps	5.82 Mbps	7.57 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	495.39 Kbps	3.46 Mbps	3.96 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	620.53 Kbps	2.91 Mbps	3.53 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	1.06 Mbps	1.40 Mbps	2.46 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AM	481.08 Kbps	1.92 Mbps	2.40 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	42.20 Kbps	2.05 Mbps	2.09 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	358.27 Kbps	1.56 Mbps	1.91 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	422.14 Kbps	1.40 Mbps	1.82 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

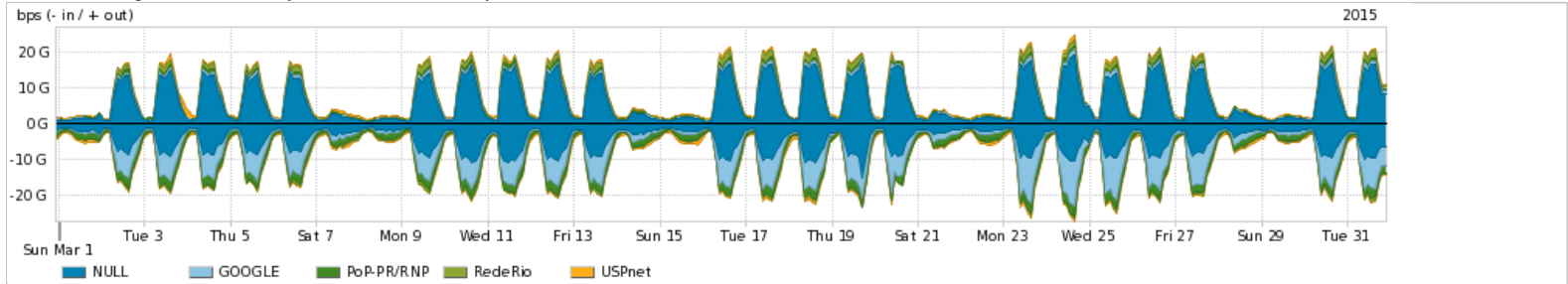


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	Alexandria	573.90 Kbps	38.90 Mbps	39.47 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	West Lafayette	1.02 Mbps	14.29 Mbps	15.31 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Geneva	7.39 Mbps	5.31 Mbps	12.70 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Boulder	357.53 Kbps	12.33 Mbps	12.68 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Poznan	165.43 Kbps	11.26 Mbps	11.42 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Nashville	1.33 Mbps	8.87 Mbps	10.20 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	1.64 Mbps	8.40 Mbps	10.04 Mbps
<input type="checkbox"/>	Internet Academica	Berlin	9.36 Mbps	182.71 Kbps	9.54 Mbps
<input type="checkbox"/>	Internet Academica	Warsaw	9.31 Mbps	40.17 Kbps	9.35 Mbps
<input type="checkbox"/>	Internet Academica	Charlestown	9.24 Mbps	4.44 Kbps	9.24 Mbps

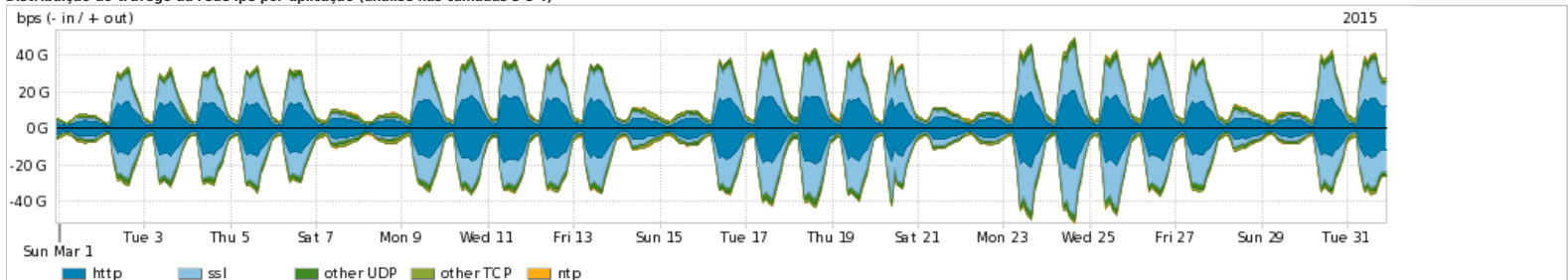
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	NULL	0	4.52 Gbps	6.07 Gbps	10.60 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	3.13 Gbps	408.47 Mbps	3.54 Gbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881	1.58 Gbps	401.87 Mbps	1.98 Gbps
<input checked="" type="checkbox"/>	RedeRio	2715	338.56 Mbps	671.09 Mbps	1.01 Gbps
<input checked="" type="checkbox"/>	USPnet	28571	496.01 Mbps	427.21 Mbps	923.23 Mbps
<input type="checkbox"/>	NET	28573	70.54 Mbps	775.94 Mbps	846.48 Mbps
<input type="checkbox"/>	RedeTche	2716	132.33 Mbps	640.26 Mbps	772.59 Mbps
<input type="checkbox"/>	FACEBOOK	32934	703.54 Mbps	68.27 Mbps	771.80 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164	3.28 Mbps	687.53 Mbps	690.81 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	628.33 Mbps	32.30 Mbps	660.63 Mbps
<input type="checkbox"/>	263300	263300	217.38 Mbps	266.61 Mbps	483.99 Mbps
<input type="checkbox"/>	UFDSC	10715	83.59 Mbps	382.57 Mbps	466.16 Mbps
<input type="checkbox"/>	SOFTLAYER	36351	358.56 Mbps	36.40 Mbps	394.96 Mbps
<input type="checkbox"/>	UFDP	262511	136.75 Mbps	256.81 Mbps	393.56 Mbps
<input type="checkbox"/>	Oi	7738	38.85 Mbps	320.42 Mbps	359.27 Mbps

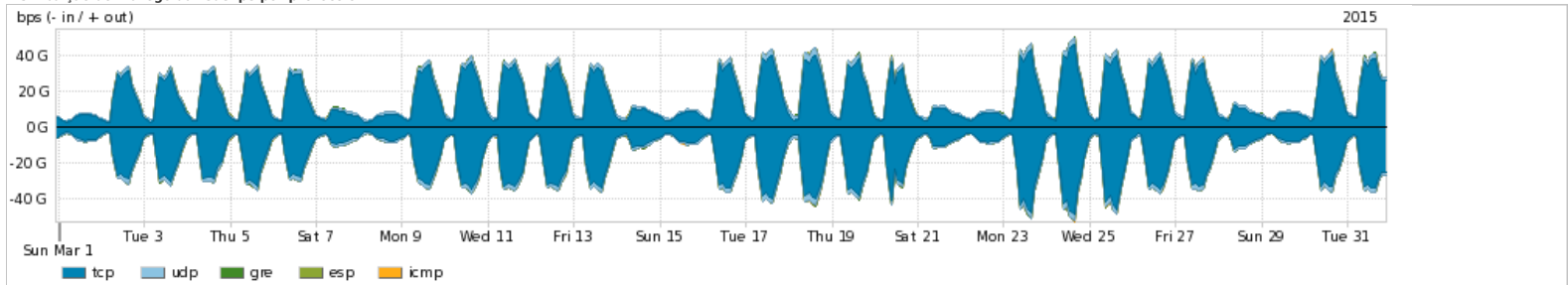
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		7.97 Gbps	7.68 Gbps	15.65 Gbps
<input checked="" type="checkbox"/>	ssl		6.54 Gbps	6.78 Gbps	13.31 Gbps
<input checked="" type="checkbox"/>	other UDP		1.41 Gbps	1.48 Gbps	2.89 Gbps
<input checked="" type="checkbox"/>	other TCP		1.33 Gbps	1.40 Gbps	2.73 Gbps
<input checked="" type="checkbox"/>	ntp		104.29 Mbps	145.49 Mbps	249.79 Mbps
<input type="checkbox"/>	macromedia-fcs		118.58 Mbps	116.71 Mbps	235.29 Mbps
<input type="checkbox"/>	rsync		115.56 Mbps	68.90 Mbps	184.46 Mbps
<input type="checkbox"/>	ssh		55.98 Mbps	59.05 Mbps	115.03 Mbps
<input type="checkbox"/>	dns		58.09 Mbps	56.58 Mbps	114.67 Mbps
<input type="checkbox"/>	smtp		55.57 Mbps	57.05 Mbps	112.62 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		16.32 Gbps	16.28 Gbps	32.60 Gbps
<input checked="" type="checkbox"/>	udp		1.58 Gbps	1.69 Gbps	3.28 Gbps
<input checked="" type="checkbox"/>	gre		37.73 Mbps	42.85 Mbps	80.59 Mbps
<input checked="" type="checkbox"/>	esp		33.61 Mbps	34.09 Mbps	67.70 Mbps
<input checked="" type="checkbox"/>	icmp		12.55 Mbps	12.68 Mbps	25.23 Mbps
<input type="checkbox"/>	ipv6		4.22 Mbps	4.17 Mbps	8.39 Mbps
<input type="checkbox"/>	ah		336.32 Kbps	324.25 Kbps	660.57 Kbps
<input type="checkbox"/>	ipv6-icmp		76.29 Kbps	89.84 Kbps	166.13 Kbps
<input type="checkbox"/>	ipv6-frag		21.94 Kbps	27.40 Kbps	49.35 Kbps
<input type="checkbox"/>	argus		20.44 Kbps	20.34 Kbps	40.78 Kbps

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