

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

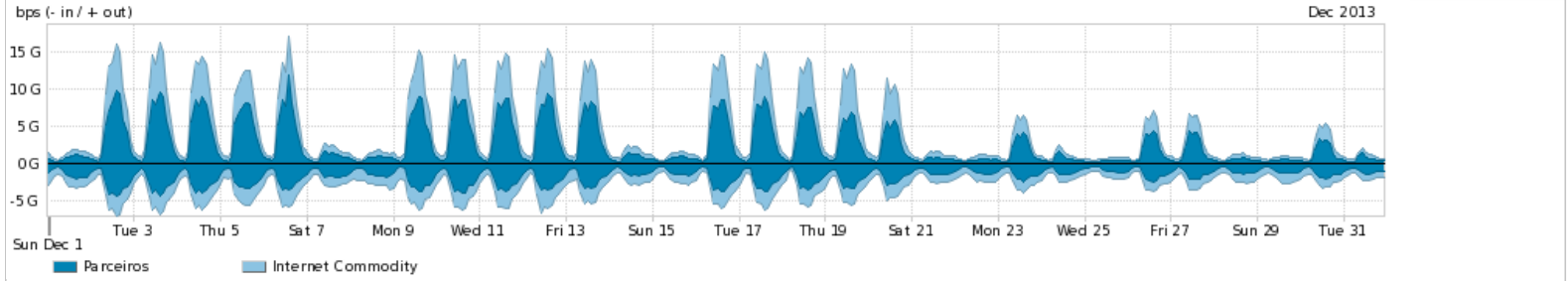
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

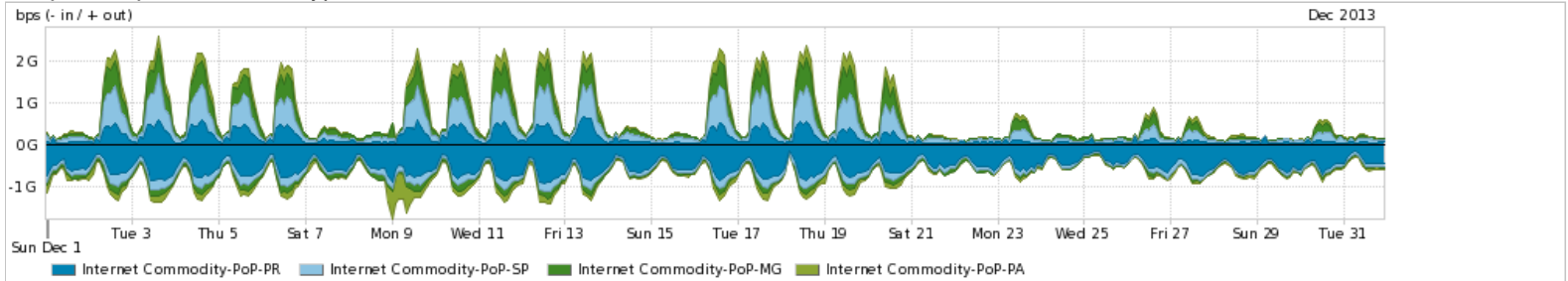
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		1.69 Gbps	2.42 Gbps	4.10 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.32 Gbps	1.78 Gbps	3.09 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

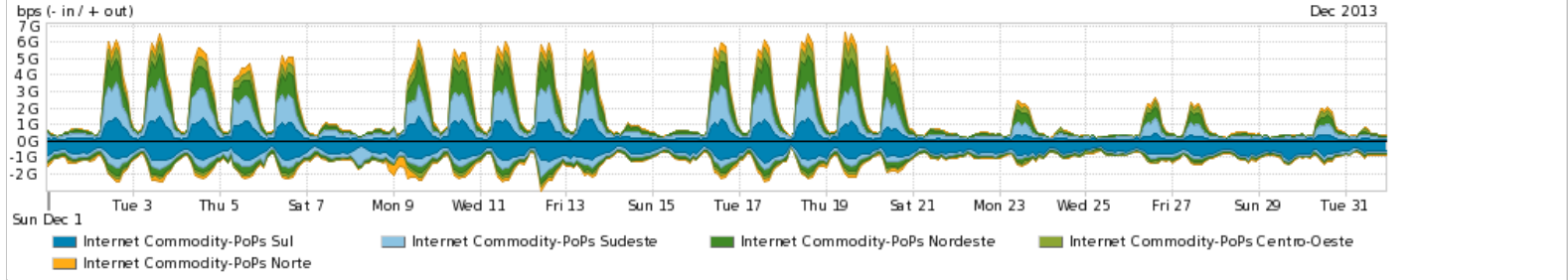


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	544.11 Mbps	150.64 Mbps	694.74 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	105.96 Mbps	238.69 Mbps	344.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	70.73 Mbps	186.48 Mbps	257.21 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	147.83 Mbps	99.62 Mbps	247.45 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	37.01 Mbps	132.74 Mbps	169.75 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	41.41 Mbps	124.97 Mbps	166.38 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	47.41 Mbps	101.12 Mbps	148.54 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	66.21 Mbps	78.80 Mbps	145.02 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	34.40 Mbps	69.62 Mbps	104.02 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	31.06 Mbps	65.22 Mbps	96.28 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	20.92 Mbps	68.97 Mbps	89.90 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	17.06 Mbps	68.55 Mbps	85.62 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PB	30.42 Mbps	49.21 Mbps	79.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	19.75 Mbps	49.48 Mbps	69.23 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	21.74 Mbps	44.20 Mbps	65.94 Mbps

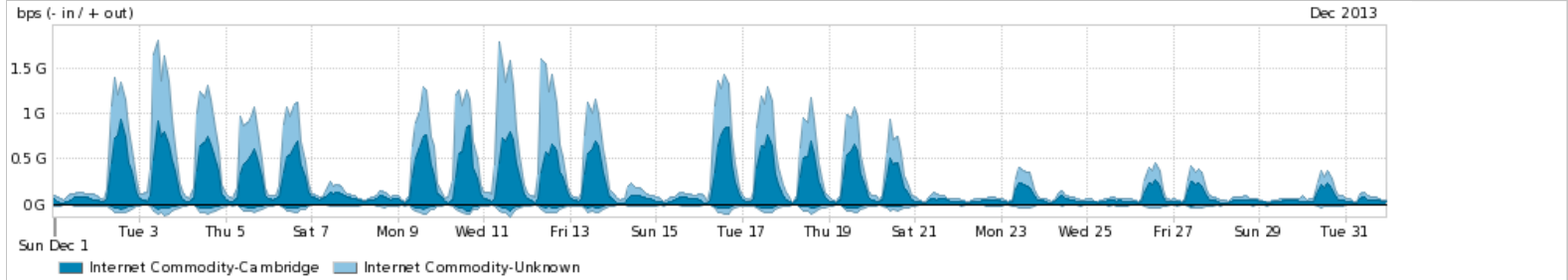
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	733.35 Mbps	375.23 Mbps	1.11 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	233.35 Mbps	590.53 Mbps	823.89 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	170.92 Mbps	448.12 Mbps	619.04 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	84.43 Mbps	190.14 Mbps	274.57 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	91.15 Mbps	158.93 Mbps	250.08 Mbps

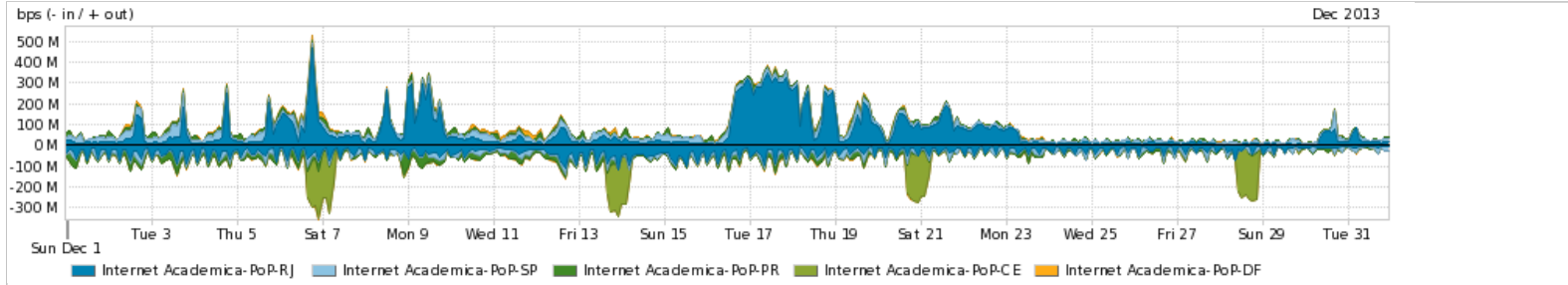
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	13.37 Mbps	186.20 Mbps	199.57 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	21.42 Mbps	170.23 Mbps	191.65 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	48.45 Mbps	95.59 Mbps	144.04 Mbps
<input type="checkbox"/>	Internet Commodity	Woodbridge	35.35 Mbps	63.61 Mbps	98.96 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	46.01 Mbps	50.56 Mbps	96.57 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	6.35 Mbps	62.93 Mbps	69.27 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	7.94 Kbps	67.55 Mbps	67.55 Mbps
<input type="checkbox"/>	Internet Commodity	Washington	13.89 Mbps	50.30 Mbps	64.19 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	58.38 Mbps	5.43 Mbps	63.81 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	31.22 Mbps	27.61 Mbps	58.83 Mbps

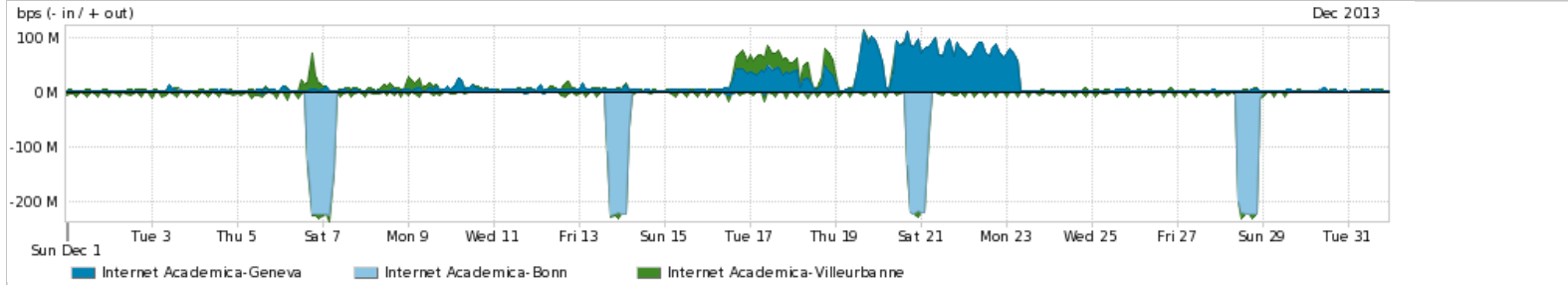
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

<input type="checkbox"/>	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	30.25 Mbps	61.73 Mbps	91.98 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	11.43 Mbps	18.10 Mbps	29.53 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	12.25 Mbps	6.63 Mbps	18.87 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	15.41 Mbps	1.18 Mbps	16.59 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	1.94 Mbps	9.35 Mbps	11.29 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.60 Mbps	5.05 Mbps	7.65 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	5.87 Mbps	1.49 Mbps	7.35 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	2.11 Mbps	2.53 Mbps	4.64 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	746.88 Kbps	3.55 Mbps	4.29 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	916.64 Kbps	2.74 Mbps	3.66 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	391.36 Kbps	3.17 Mbps	3.56 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	588.87 Kbps	1.12 Mbps	1.71 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	288.77 Kbps	1.18 Mbps	1.47 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AM	529.09 Kbps	881.71 Kbps	1.41 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	205.32 Kbps	704.26 Kbps	909.58 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

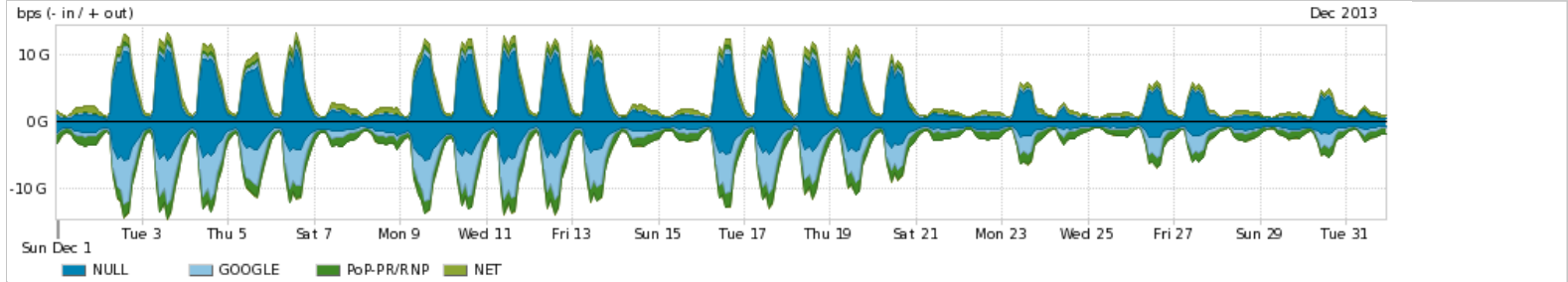


Average | Max | PCT95

<input type="checkbox"/>	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	Geneva	673.34 Kbps	14.47 Mbps	15.14 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Bonn	14.92 Mbps	21.73 Kbps	14.94 Mbps
<input type="checkbox"/>	Internet Acadêmica	Boulder	1.65 Mbps	5.88 Mbps	7.54 Mbps
<input type="checkbox"/>	Internet Acadêmica	Bologna	4.61 Mbps	2.72 Mbps	7.33 Mbps
<input type="checkbox"/>	Internet Acadêmica	Sioux Falls	1.82 Mbps	5.44 Mbps	7.25 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Villeurbanne	2.93 Mbps	3.49 Mbps	6.42 Mbps
<input type="checkbox"/>	Internet Academica	Tampere	5.77 Mbps	82.33 Kbps	5.85 Mbps
<input type="checkbox"/>	Internet Academica	Umea	92.30 Kbps	5.47 Mbps	5.56 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	1.74 Mbps	3.26 Mbps	5.00 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	978.66 Kbps	3.99 Mbps	4.97 Mbps

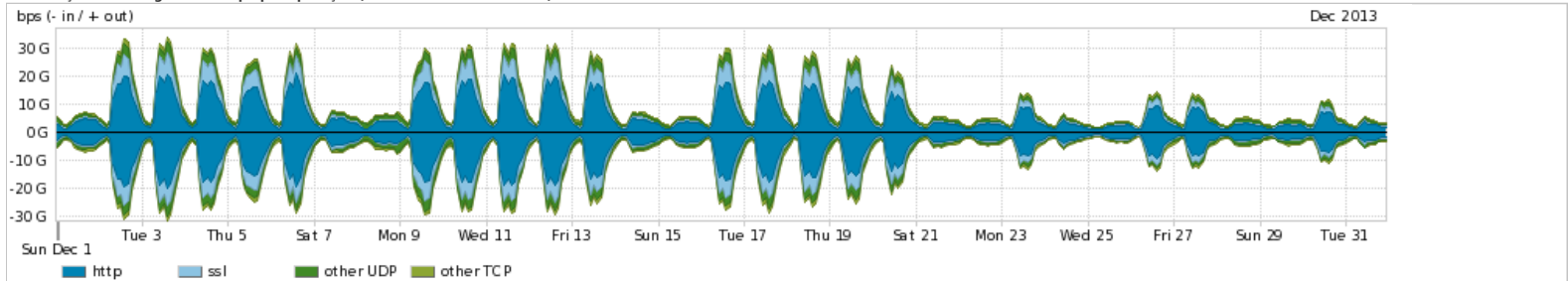
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> NULL		0	1.94 Gbps	2.85 Gbps	4.79 Gbps
<input checked="" type="checkbox"/> GOOGLE	15169		1.55 Gbps	193.73 Mbps	1.74 Gbps
<input checked="" type="checkbox"/> PoP-PR/RNP	10881		1.12 Gbps	193.33 Mbps	1.31 Gbps
<input checked="" type="checkbox"/> NET	28573		53.40 Mbps	640.44 Mbps	693.84 Mbps
<input type="checkbox"/> RedeRio	2715		263.52 Mbps	300.12 Mbps	563.64 Mbps
<input type="checkbox"/> PoP-SC/RNP	11242		256.13 Mbps	158.49 Mbps	414.62 Mbps
<input type="checkbox"/> Oi	7738		34.59 Mbps	350.03 Mbps	384.62 Mbps
<input type="checkbox"/> RedeTche	2716		79.55 Mbps	266.31 Mbps	345.86 Mbps
<input type="checkbox"/> 262511	262511		116.04 Mbps	143.31 Mbps	259.35 Mbps
<input type="checkbox"/> PoP-BA/RNP	53164		64.64 Mbps	188.22 Mbps	252.86 Mbps
<input type="checkbox"/> 53187	53187		92.99 Mbps	135.63 Mbps	228.62 Mbps
<input type="checkbox"/> GVT	18881		39.12 Mbps	184.44 Mbps	223.55 Mbps
<input type="checkbox"/> USPnet	28571		124.31 Mbps	96.46 Mbps	220.77 Mbps
<input type="checkbox"/> Microsoft-MSN-AS	8075		79.72 Mbps	131.51 Mbps	211.23 Mbps
<input type="checkbox"/> TELESP	27699		19.93 Mbps	191.03 Mbps	210.95 Mbps

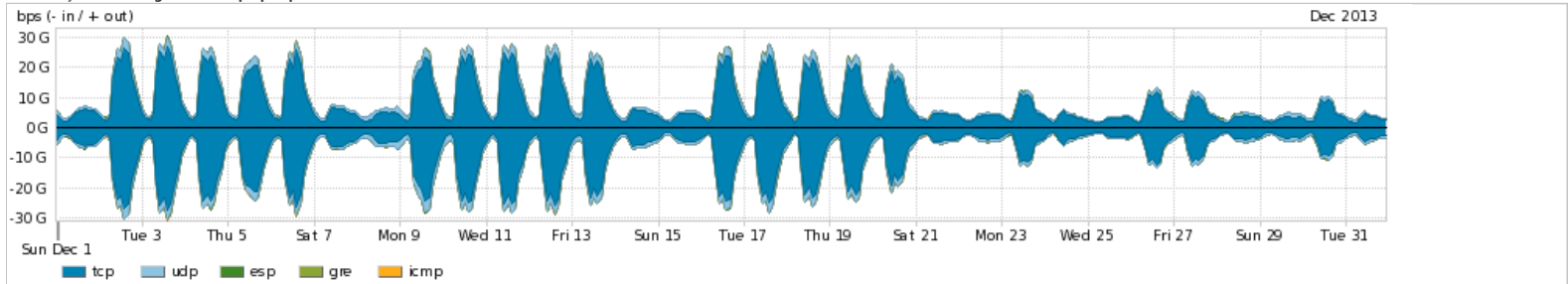
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		5.99 Gbps	6.10 Gbps	12.09 Gbps
<input checked="" type="checkbox"/>	ssl		1.61 Gbps	1.79 Gbps	3.40 Gbps
<input checked="" type="checkbox"/>	other UDP		1.43 Gbps	1.49 Gbps	2.93 Gbps
<input checked="" type="checkbox"/>	other TCP		815.08 Mbps	856.41 Mbps	1.67 Gbps
<input type="checkbox"/>	rsync		104.48 Mbps	108.12 Mbps	212.59 Mbps
<input type="checkbox"/>	macromedia-fcs		85.32 Mbps	87.97 Mbps	173.29 Mbps
<input type="checkbox"/>	dns		62.88 Mbps	71.90 Mbps	134.78 Mbps
<input type="checkbox"/>	smtp		53.95 Mbps	56.88 Mbps	110.82 Mbps
<input type="checkbox"/>	ssh		42.54 Mbps	49.26 Mbps	91.80 Mbps
<input type="checkbox"/>	rdp		31.79 Mbps	32.67 Mbps	64.46 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		8.31 Gbps	8.12 Gbps	16.43 Gbps
<input checked="" type="checkbox"/>	udp		1.40 Gbps	1.39 Gbps	2.78 Gbps
<input checked="" type="checkbox"/>	esp		20.65 Mbps	20.80 Mbps	41.45 Mbps
<input checked="" type="checkbox"/>	gre		13.06 Mbps	11.68 Mbps	24.74 Mbps
<input checked="" type="checkbox"/>	icmp		10.33 Mbps	10.26 Mbps	20.59 Mbps
<input type="checkbox"/>	ipv6		2.91 Mbps	2.92 Mbps	5.82 Mbps
<input type="checkbox"/>	ah		602.79 Kbps	600.95 Kbps	1.20 Mbps
<input type="checkbox"/>	ipv6-icmp		349.52 Kbps	322.00 Kbps	671.52 Kbps
<input type="checkbox"/>	ipv6-frag		70.40 Kbps	93.00 Kbps	163.39 Kbps
<input type="checkbox"/>	255		50.14 Kbps	50.09 Kbps	100.22 Kbps

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