

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

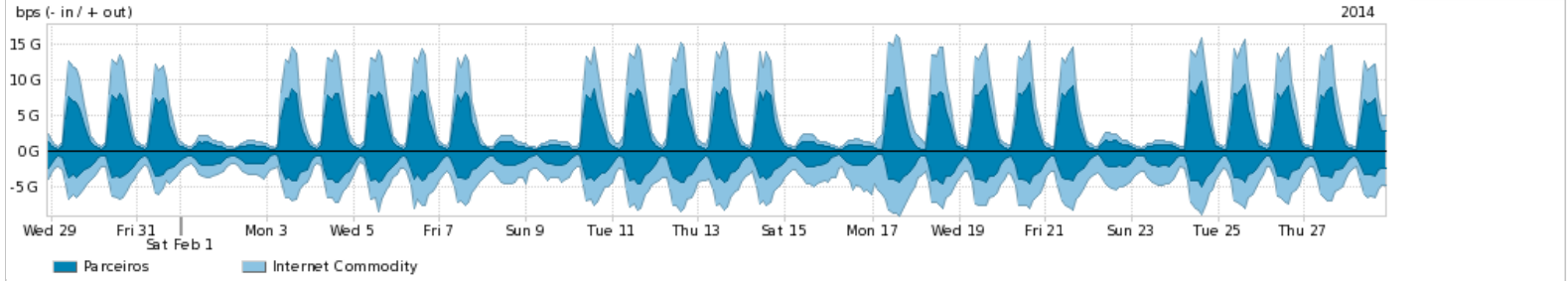
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

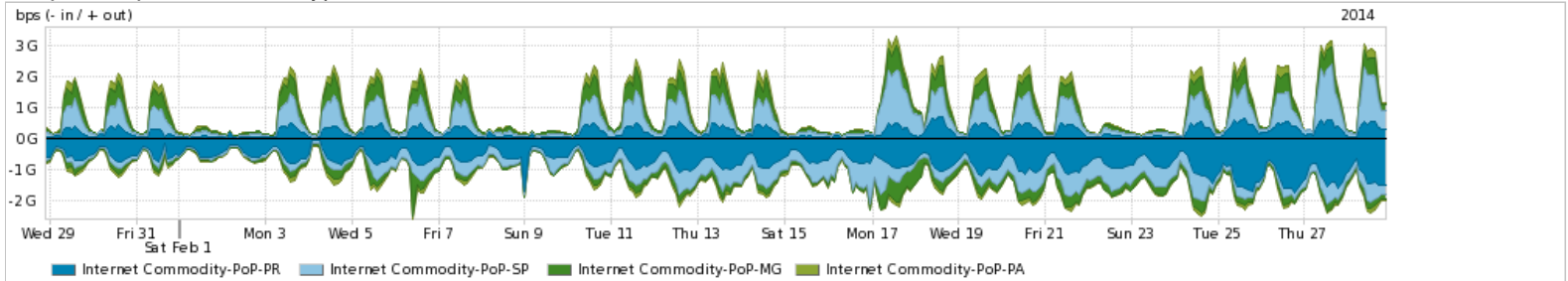
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		2.19 Gbps	3.16 Gbps	5.35 Gbps
<input checked="" type="checkbox"/> Internet Commodity		2.55 Gbps	2.32 Gbps	4.87 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

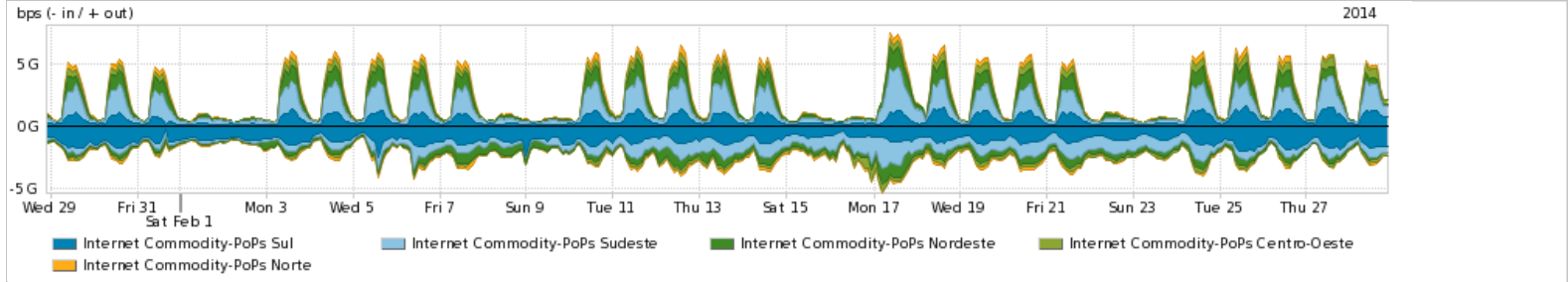


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	731.53 Mbps	214.28 Mbps	945.82 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	344.79 Mbps	403.28 Mbps	748.07 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	163.74 Mbps	240.59 Mbps	404.33 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	240.95 Mbps	125.63 Mbps	366.58 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	229.79 Mbps	134.66 Mbps	364.45 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	127.34 Mbps	228.21 Mbps	355.55 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	92.00 Mbps	130.31 Mbps	222.31 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	81.67 Mbps	108.41 Mbps	190.08 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	56.32 Mbps	96.75 Mbps	153.07 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	66.99 Mbps	78.90 Mbps	145.88 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	91.34 Mbps	48.90 Mbps	140.24 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	72.62 Mbps	64.33 Mbps	136.95 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-GO	62.58 Mbps	45.59 Mbps	108.16 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	20.65 Mbps	79.86 Mbps	100.52 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	29.02 Mbps	42.58 Mbps	71.60 Mbps

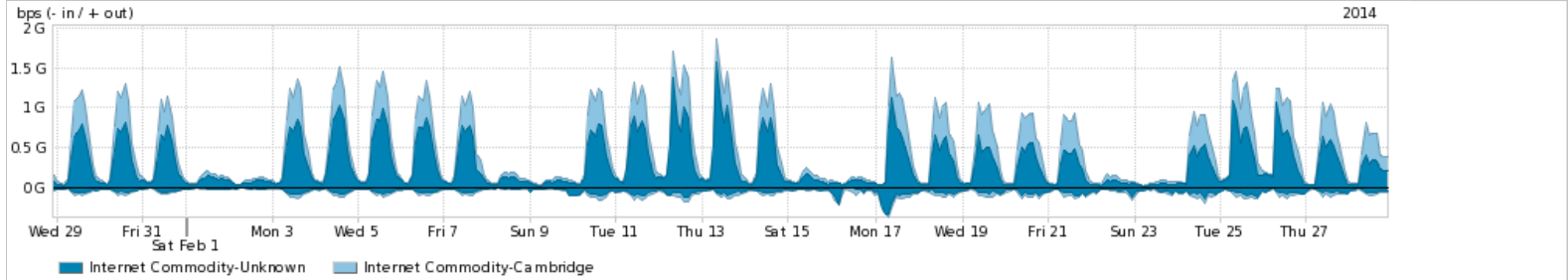
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	1.20 Gbps	474.57 Mbps	1.68 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	664.90 Mbps	914.66 Mbps	1.58 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	377.25 Mbps	506.42 Mbps	883.67 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	180.07 Mbps	230.38 Mbps	410.45 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	109.62 Mbps	179.71 Mbps	289.32 Mbps

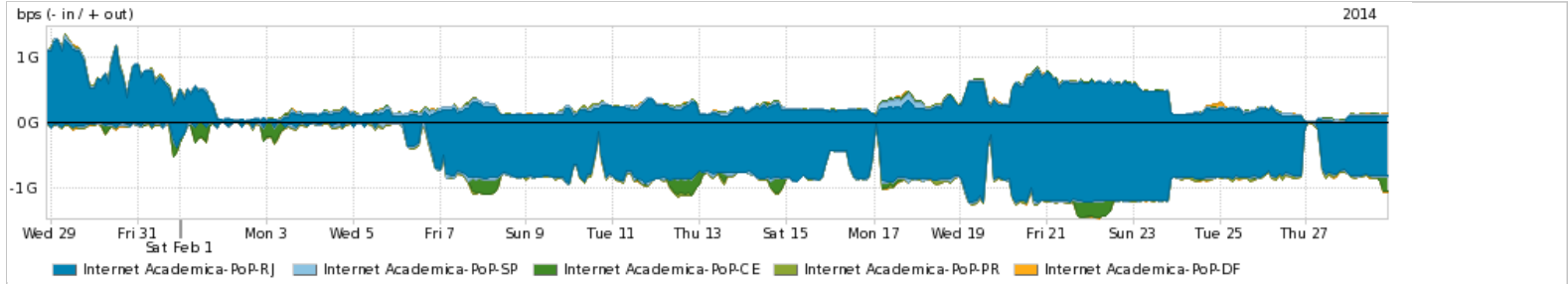
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	49.86 Mbps	287.66 Mbps	337.52 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	74.59 Mbps	133.52 Mbps	208.11 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	21.22 Mbps	170.34 Mbps	191.57 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	127.05 Mbps	28.84 Mbps	155.89 Mbps
<input type="checkbox"/>	Internet Commodity	Woodbridge	39.19 Mbps	82.32 Mbps	121.51 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	4.50 Mbps	101.56 Mbps	106.05 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	18.68 Mbps	73.21 Mbps	91.89 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	5.13 Kbps	74.32 Mbps	74.33 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	42.13 Mbps	31.62 Mbps	73.75 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	63.52 Mbps	8.28 Mbps	71.80 Mbps

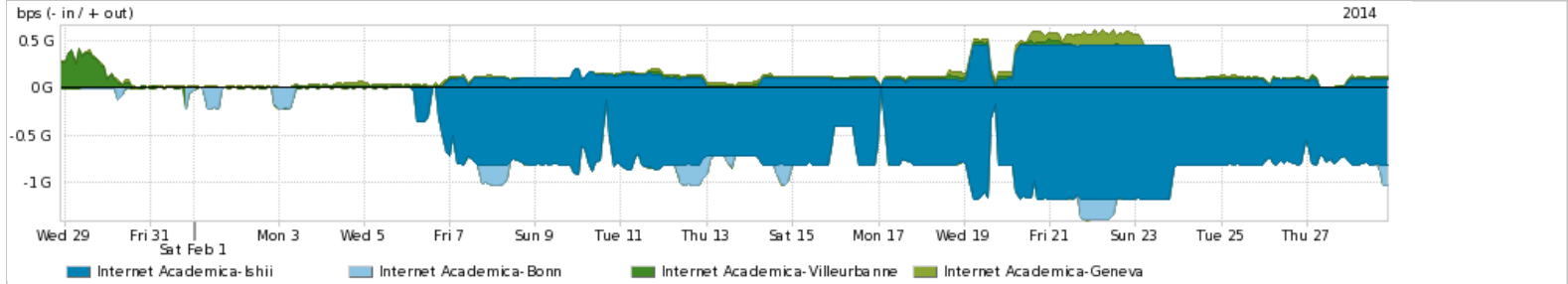
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

<input type="checkbox"/>	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	623.85 Mbps	281.78 Mbps	905.63 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	16.74 Mbps	25.97 Mbps	42.71 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-CE	26.52 Mbps	3.24 Mbps	29.75 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	14.63 Mbps	6.37 Mbps	21.01 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	5.10 Mbps	12.45 Mbps	17.55 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.56 Mbps	11.48 Mbps	13.04 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	3.46 Mbps	3.01 Mbps	6.46 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	2.96 Mbps	2.03 Mbps	4.98 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-DF	1.73 Mbps	2.63 Mbps	4.36 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	699.64 Kbps	2.70 Mbps	3.40 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	867.56 Kbps	2.28 Mbps	3.15 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	474.79 Kbps	2.33 Mbps	2.80 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	523.44 Kbps	1.88 Mbps	2.40 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	986.87 Kbps	1.41 Mbps	2.40 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	345.37 Kbps	772.29 Kbps	1.12 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

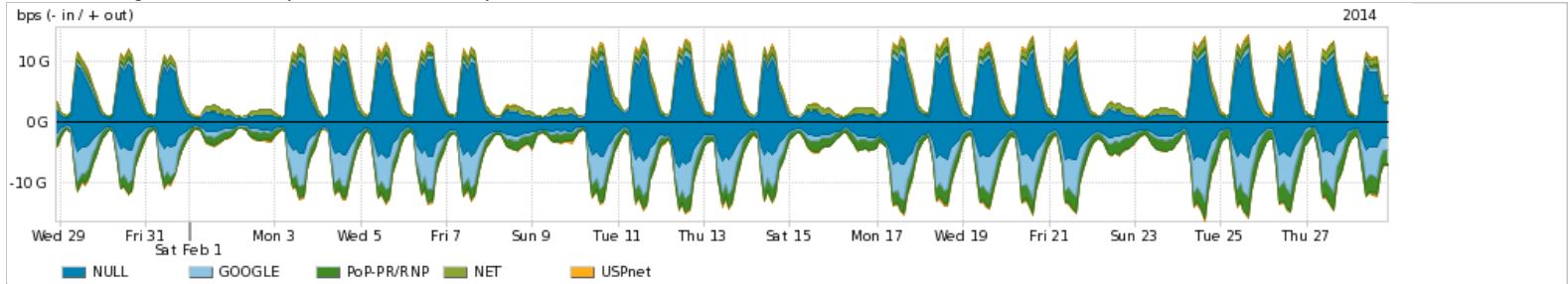


Average | Max | PCT95

<input type="checkbox"/>	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Ishii	603.55 Mbps	110.72 Mbps	714.28 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	771.13 Kbps	60.88 Mbps	61.65 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bonn	25.46 Mbps	23.14 Kbps	25.48 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Villeurbanne	846.91 Kbps	23.65 Mbps	24.50 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Geneva	711.22 Kbps	22.79 Mbps	23.50 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Madrid	1.86 Mbps	18.68 Mbps	20.54 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.86 Mbps	11.84 Mbps	13.70 Mbps
<input type="checkbox"/>	Internet Academica	Boulder	1.93 Mbps	11.47 Mbps	13.40 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	1.39 Mbps	10.05 Mbps	11.44 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	2.55 Mbps	5.96 Mbps	8.51 Mbps

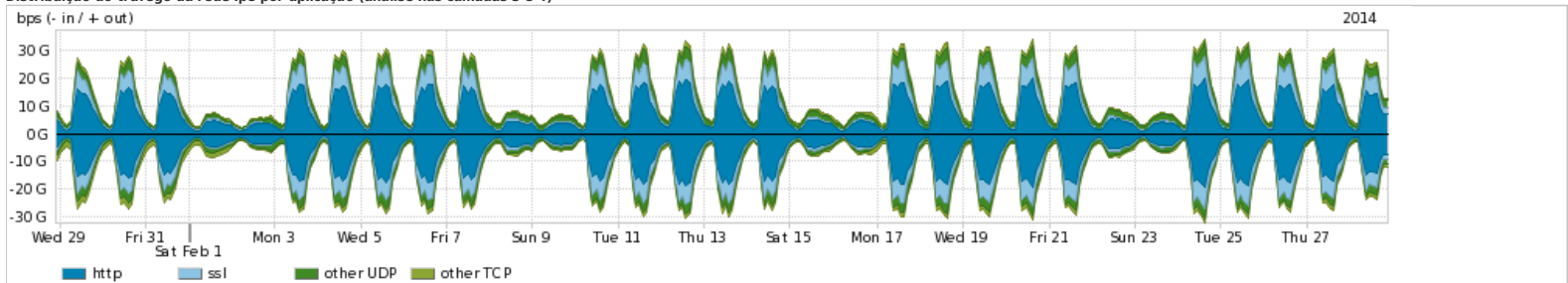
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	NULL	0	2.95 Gbps	3.91 Gbps	6.86 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	2.00 Gbps	254.19 Mbps	2.26 Gbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881	1.50 Gbps	253.38 Mbps	1.75 Gbps
<input checked="" type="checkbox"/>	NET	28573	67.64 Mbps	769.68 Mbps	837.32 Mbps
<input type="checkbox"/>	RedeRio	2715	325.07 Mbps	497.00 Mbps	822.07 Mbps
<input type="checkbox"/>	GEMNET	23796	110.69 Mbps	611.04 Mbps	721.73 Mbps
<input type="checkbox"/>	RedeTche	2716	281.08 Mbps	289.82 Mbps	570.90 Mbps
<input type="checkbox"/>	PoP-SC/RNP	11242	361.20 Mbps	189.37 Mbps	550.57 Mbps
<input type="checkbox"/>	Oi	7738	34.88 Mbps	423.89 Mbps	458.76 Mbps
<input type="checkbox"/>	53187	53187	176.58 Mbps	164.46 Mbps	341.05 Mbps
<input type="checkbox"/>	262511	262511	136.79 Mbps	178.02 Mbps	314.81 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	278.36 Mbps	28.44 Mbps	306.80 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164	71.22 Mbps	232.33 Mbps	303.55 Mbps
<input checked="" type="checkbox"/>	USPnet	28571	151.31 Mbps	150.87 Mbps	302.18 Mbps
<input type="checkbox"/>	GVT	18881	57.50 Mbps	228.89 Mbps	286.39 Mbps

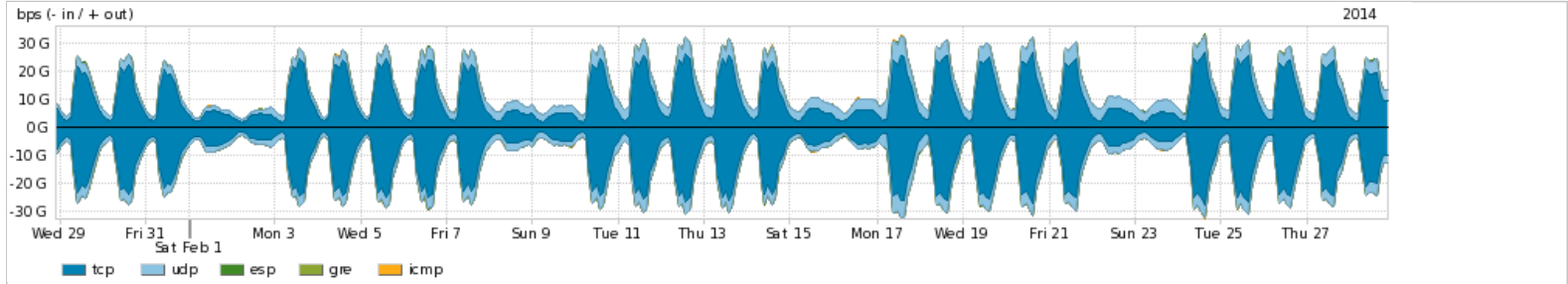
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		7.57 Gbps	7.65 Gbps	15.22 Gbps
<input checked="" type="checkbox"/>	ssl		2.44 Gbps	2.66 Gbps	5.09 Gbps
<input checked="" type="checkbox"/>	other UDP		1.74 Gbps	2.31 Gbps	4.05 Gbps
<input type="checkbox"/>	ntp		1.05 Gbps	1.32 Gbps	2.37 Gbps
<input checked="" type="checkbox"/>	other TCP		1.07 Gbps	960.02 Mbps	2.03 Gbps
<input type="checkbox"/>	dns		143.17 Mbps	190.64 Mbps	333.81 Mbps
<input type="checkbox"/>	macromedia-fcs		95.98 Mbps	98.80 Mbps	194.78 Mbps
<input type="checkbox"/>	rsync		89.92 Mbps	86.12 Mbps	176.04 Mbps
<input type="checkbox"/>	smtp		65.57 Mbps	68.60 Mbps	134.17 Mbps
<input type="checkbox"/>	ssh		67.31 Mbps	57.53 Mbps	124.84 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		10.80 Gbps	10.38 Gbps	21.17 Gbps
<input checked="" type="checkbox"/>	udp		2.78 Gbps	3.61 Gbps	6.39 Gbps
<input type="checkbox"/>	253		62.15 Mbps	64.26 Mbps	126.40 Mbps
<input checked="" type="checkbox"/>	esp		21.34 Mbps	21.57 Mbps	42.91 Mbps
<input checked="" type="checkbox"/>	gre		17.67 Mbps	14.94 Mbps	32.61 Mbps
<input checked="" type="checkbox"/>	icmp		9.78 Mbps	9.72 Mbps	19.50 Mbps
<input type="checkbox"/>	ipv6		3.96 Mbps	3.98 Mbps	7.93 Mbps
<input type="checkbox"/>	ah		809.68 Kbps	806.83 Kbps	1.62 Mbps
<input type="checkbox"/>	ipv6-icmp		251.43 Kbps	228.04 Kbps	479.47 Kbps
<input type="checkbox"/>	173		225.33 Kbps	223.85 Kbps	449.18 Kbps

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