

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

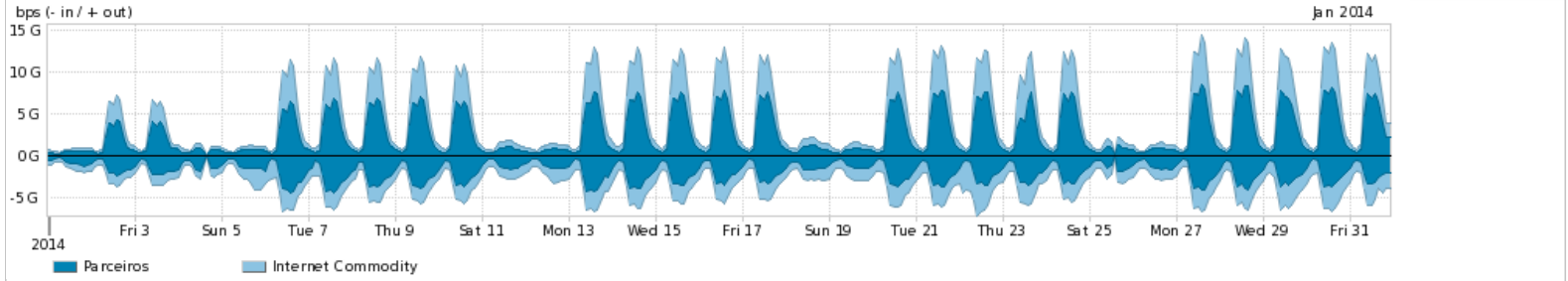
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

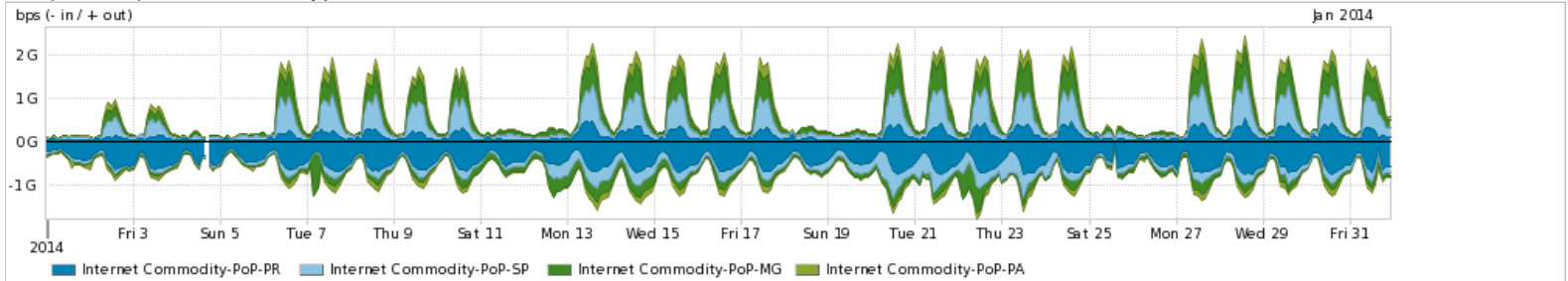
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		1.96 Gbps	2.44 Gbps	4.41 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.51 Gbps	1.81 Gbps	3.32 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

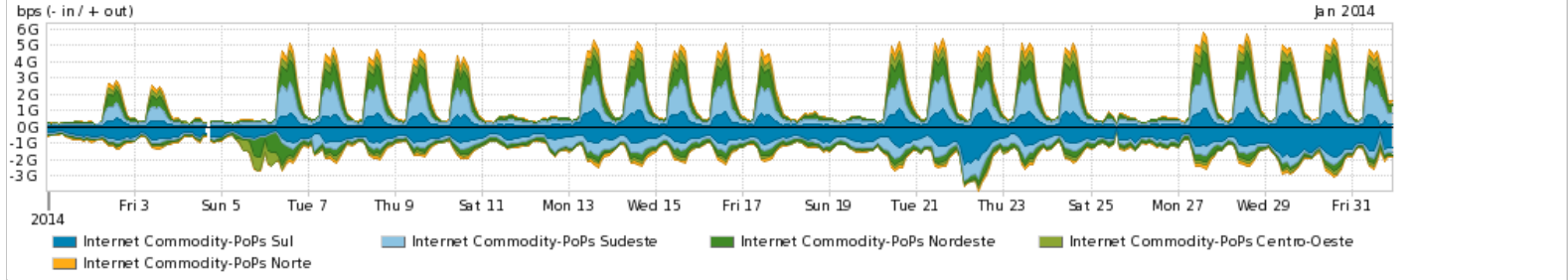


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	463.54 Mbps	129.79 Mbps	593.32 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	150.60 Mbps	267.54 Mbps	418.14 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	117.87 Mbps	215.17 Mbps	333.04 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	211.98 Mbps	78.37 Mbps	290.35 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	98.11 Mbps	118.20 Mbps	216.31 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	16.27 Mbps	151.16 Mbps	167.43 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	52.49 Mbps	108.55 Mbps	161.03 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	56.91 Mbps	88.70 Mbps	145.61 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	54.65 Mbps	79.01 Mbps	133.66 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	40.08 Mbps	76.99 Mbps	117.07 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	38.39 Mbps	74.00 Mbps	112.39 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	37.06 Mbps	35.41 Mbps	72.48 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-PB	33.77 Mbps	69.19 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	29.93 Mbps	66.36 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	13.67 Mbps	62.82 Mbps

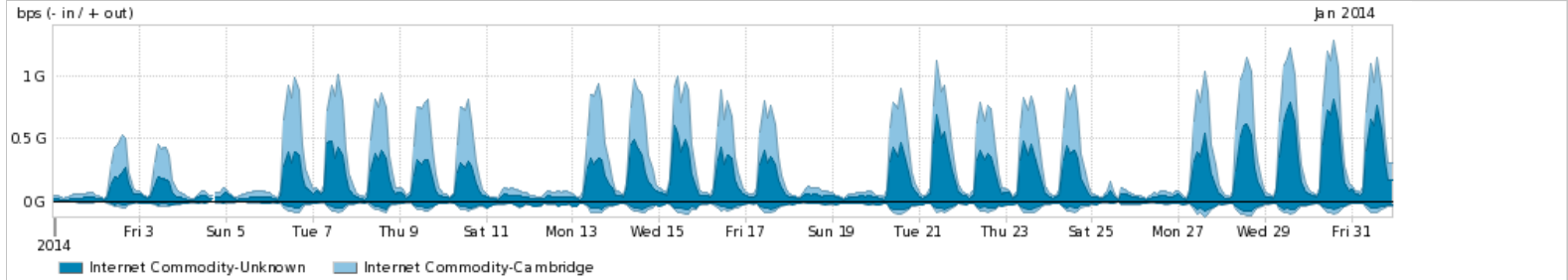
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	773.62 Mbps	1.10 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	306.30 Mbps	974.30 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	232.21 Mbps	666.81 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	111.81 Mbps	297.04 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	82.43 Mbps	254.63 Mbps

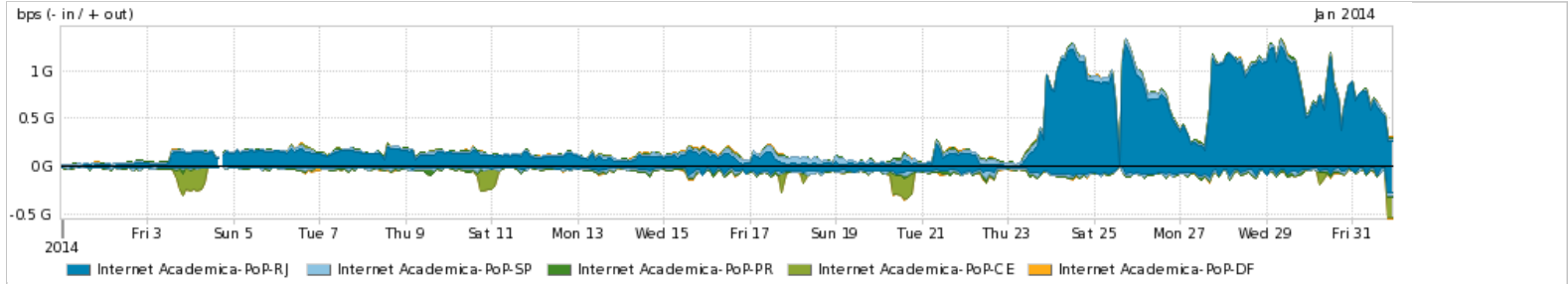
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	29.31 Mbps	189.00 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	68.67 Mbps	180.36 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	12.27 Mbps	166.40 Mbps
<input type="checkbox"/>	Internet Commodity	Woodbridge	24.49 Mbps	90.14 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	1.97 Mbps	73.51 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	8.97 Mbps	72.73 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	3.60 Kbps	70.03 Mbps
<input type="checkbox"/>	Internet Commodity	Washington	8.49 Mbps	64.99 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	54.49 Mbps	61.04 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	32.30 Mbps	58.83 Mbps

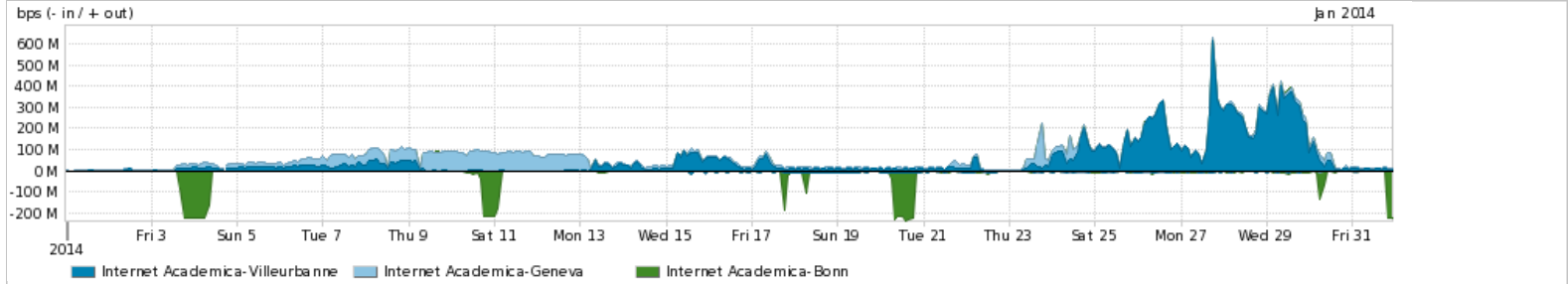
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	33.50 Mbps	281.79 Mbps	315.29 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	13.49 Mbps	26.44 Mbps	39.93 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	10.86 Mbps	6.05 Mbps	16.92 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	13.47 Mbps	1.72 Mbps	15.19 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	2.45 Mbps	8.50 Mbps	10.95 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	1.40 Mbps	5.62 Mbps	7.02 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	2.19 Mbps	2.21 Mbps	4.40 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	1.83 Mbps	2.55 Mbps	4.38 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	526.21 Kbps	2.19 Mbps	2.71 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	628.15 Kbps	1.40 Mbps	2.03 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	473.51 Kbps	1.51 Mbps	1.98 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	204.36 Kbps	1.69 Mbps	1.90 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	466.07 Kbps	707.90 Kbps	1.17 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	182.87 Kbps	919.24 Kbps	1.10 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	252.44 Kbps	578.42 Kbps	830.86 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

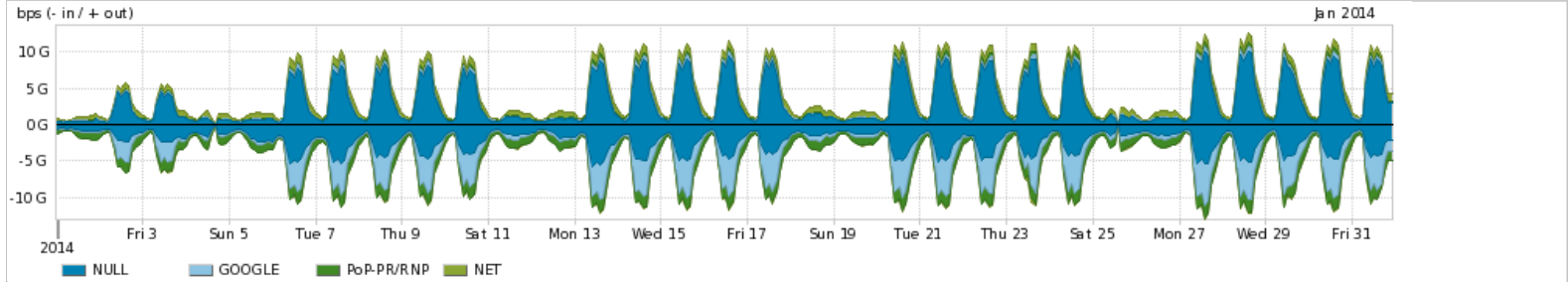


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Appleton	3.73 Mbps	85.69 Mbps	89.42 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Villeurbanne	2.84 Mbps	51.08 Mbps	53.92 Mbps
<input type="checkbox"/>	Internet Acadêmica	Madrid	1.71 Mbps	40.47 Mbps	42.18 Mbps
<input type="checkbox"/>	Internet Acadêmica	Bologna	4.78 Mbps	29.21 Mbps	33.99 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Geneva	775.50 Kbps	23.68 Mbps	24.46 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Brussels	608.65 Kbps	15.51 Mbps	16.12 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bonn	14.11 Mbps	38.00 Kbps	14.15 Mbps
<input type="checkbox"/>	Internet Academica	Boulder	1.87 Mbps	7.82 Mbps	9.69 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.73 Mbps	7.61 Mbps	9.33 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	1.31 Mbps	6.37 Mbps	7.68 Mbps

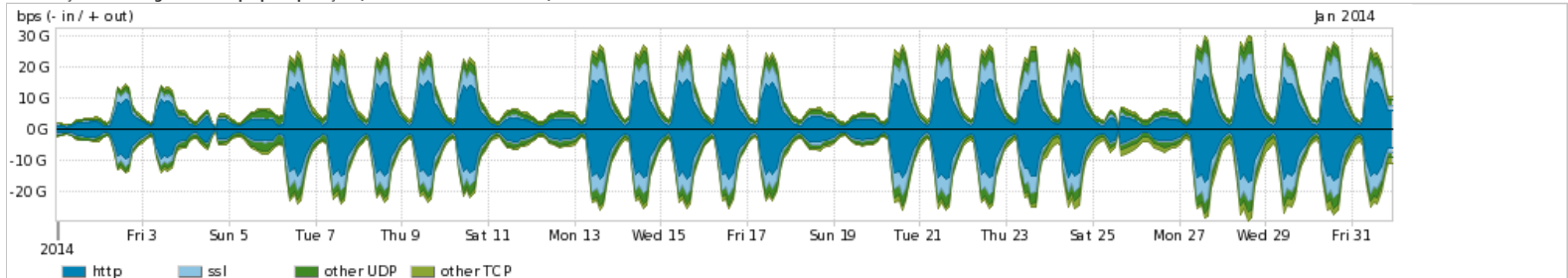
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	NULL	0	2.22 Gbps	3.01 Gbps	5.24 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	1.54 Gbps	196.74 Mbps	1.73 Gbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881	1.04 Gbps	172.16 Mbps	1.21 Gbps
<input checked="" type="checkbox"/>	NET	28573	60.70 Mbps	698.34 Mbps	759.03 Mbps
<input type="checkbox"/>	RedeRio	2715	304.89 Mbps	373.72 Mbps	678.61 Mbps
<input type="checkbox"/>	PoP-SC/RNP	11242	338.23 Mbps	135.47 Mbps	473.70 Mbps
<input type="checkbox"/>	Oi	7738	38.66 Mbps	379.97 Mbps	418.63 Mbps
<input type="checkbox"/>	RedeTche	2716	131.30 Mbps	256.70 Mbps	388.00 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164	103.93 Mbps	220.15 Mbps	324.08 Mbps
<input type="checkbox"/>	262511	262511	140.21 Mbps	151.95 Mbps	292.15 Mbps
<input type="checkbox"/>	GVT	18881	40.32 Mbps	227.71 Mbps	268.03 Mbps
<input type="checkbox"/>	53187	53187	103.85 Mbps	148.84 Mbps	252.70 Mbps
<input type="checkbox"/>	TELESP	27699	23.86 Mbps	220.60 Mbps	244.46 Mbps
<input type="checkbox"/>	AMAZON-AES	14618	143.34 Mbps	83.06 Mbps	226.41 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	203.26 Mbps	20.73 Mbps	223.98 Mbps

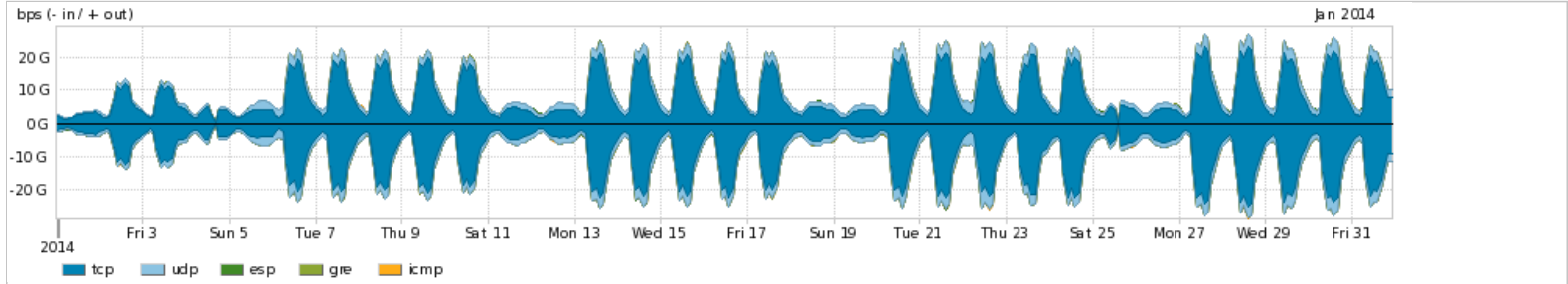
Distribuição do tráfego da rede Ipe por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		6.09 Gbps	6.13 Gbps	12.21 Gbps
<input checked="" type="checkbox"/>	ssl		1.70 Gbps	1.84 Gbps	3.55 Gbps
<input checked="" type="checkbox"/>	other UDP		1.64 Gbps	1.69 Gbps	3.32 Gbps
<input checked="" type="checkbox"/>	other TCP		1.09 Gbps	867.85 Mbps	1.95 Gbps
<input type="checkbox"/>	ntp		182.86 Mbps	180.07 Mbps	362.93 Mbps
<input type="checkbox"/>	dns		105.96 Mbps	104.09 Mbps	210.06 Mbps
<input type="checkbox"/>	rsync		89.07 Mbps	95.87 Mbps	184.94 Mbps
<input type="checkbox"/>	macromedia-fcs		83.67 Mbps	85.20 Mbps	168.87 Mbps
<input type="checkbox"/>	smtp		46.76 Mbps	48.69 Mbps	95.45 Mbps
<input type="checkbox"/>	ssh		40.30 Mbps	38.02 Mbps	78.32 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		8.73 Gbps	8.25 Gbps	16.98 Gbps
<input checked="" type="checkbox"/>	udp		1.83 Gbps	1.81 Gbps	3.64 Gbps
<input checked="" type="checkbox"/>	esp		20.13 Mbps	20.46 Mbps	40.59 Mbps
<input checked="" type="checkbox"/>	gre		16.41 Mbps	14.09 Mbps	30.50 Mbps
<input checked="" type="checkbox"/>	icmp		8.27 Mbps	8.30 Mbps	16.57 Mbps
<input type="checkbox"/>	ipv6		2.86 Mbps	2.87 Mbps	5.73 Mbps
<input type="checkbox"/>	ah		570.05 Kbps	565.72 Kbps	1.14 Mbps
<input type="checkbox"/>	ipv6-icmp		257.65 Kbps	228.10 Kbps	485.75 Kbps
<input type="checkbox"/>	ipv6-frag		30.17 Kbps	86.47 Kbps	116.63 Kbps
<input type="checkbox"/>	sctp		5.31 Kbps	5.17 Kbps	10.48 Kbps

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