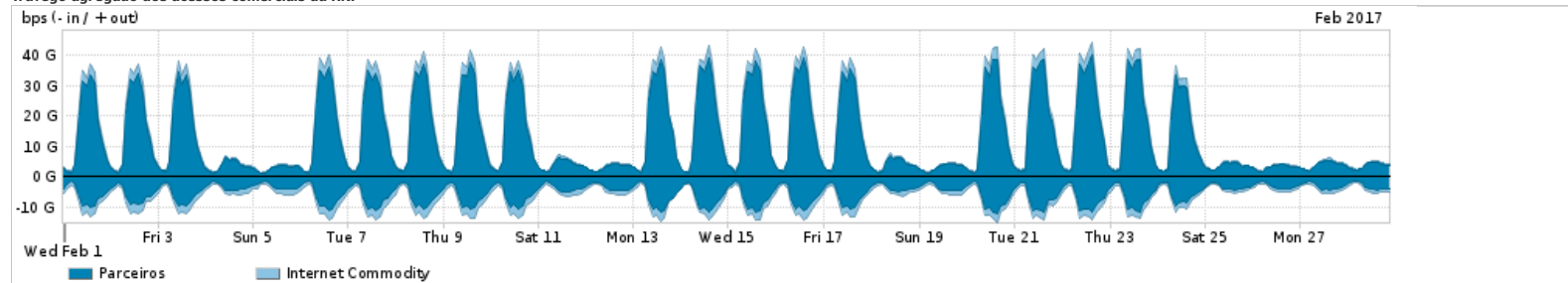


Os gráficos apresentados neste relatório de trafego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

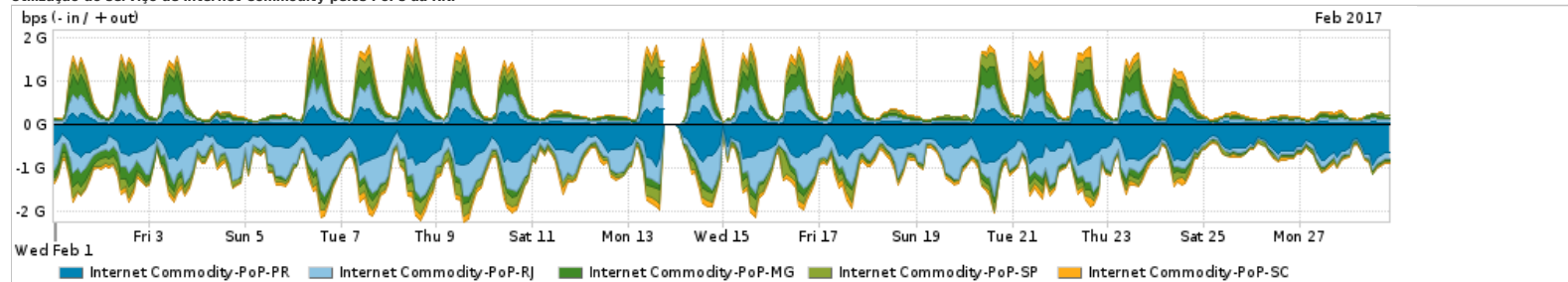
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		5.33 Gbps	12.65 Gbps	17.98 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.57 Gbps	1.30 Gbps	2.87 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

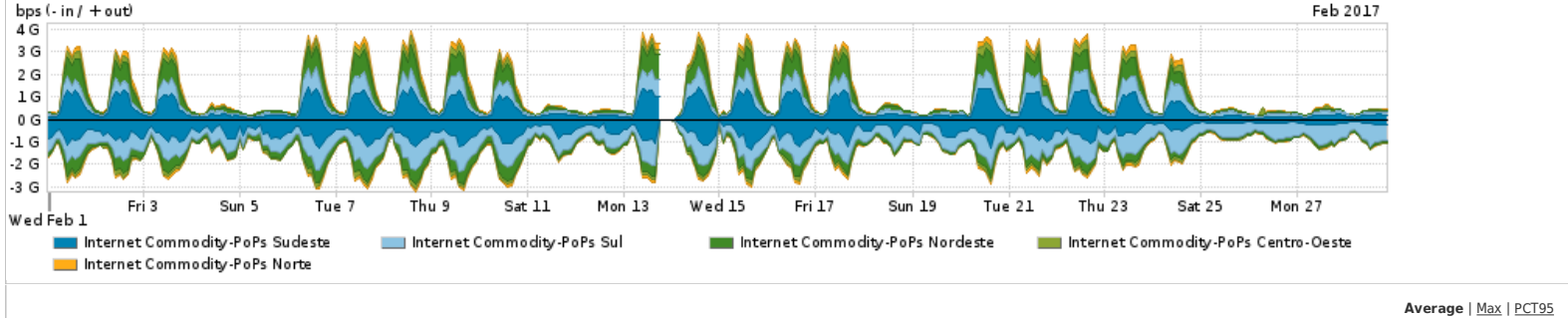


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	542.98 Mbps	111.92 Mbps	654.90 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	339.80 Mbps	158.41 Mbps	498.22 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	77.34 Mbps	156.82 Mbps	234.16 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	108.83 Mbps	94.71 Mbps	203.54 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SC	67.40 Mbps	62.97 Mbps	130.37 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	19.46 Mbps	105.87 Mbps	125.33 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	61.99 Mbps	41.65 Mbps	103.64 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	54.36 Mbps	46.89 Mbps	101.25 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	39.77 Mbps	52.60 Mbps	92.36 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	38.39 Mbps	50.41 Mbps	88.80 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	27.41 Mbps	54.47 Mbps	81.89 Mbps

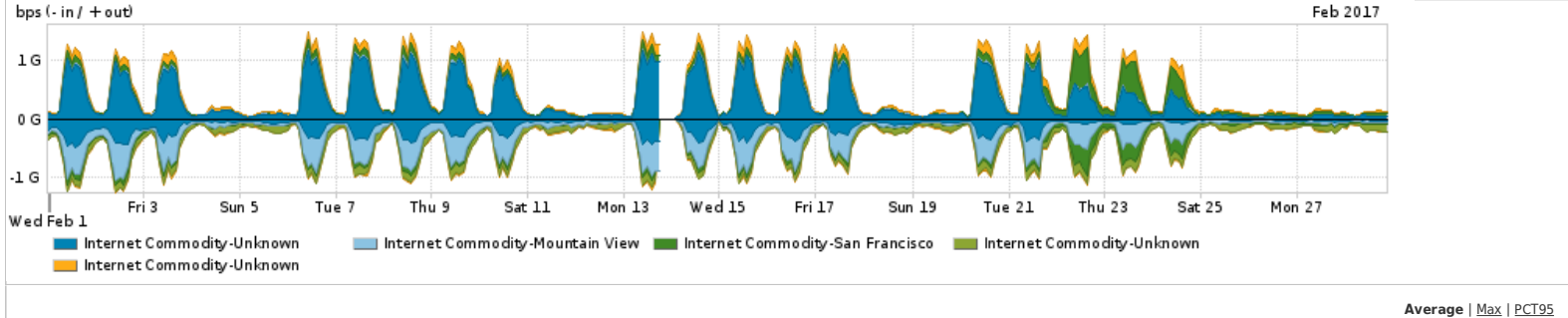
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	15.75 Mbps	46.86 Mbps	62.61 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	13.99 Mbps	34.90 Mbps	48.89 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	20.11 Mbps	27.49 Mbps	47.60 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	18.49 Mbps	27.05 Mbps	45.54 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	543.54 Mbps	430.07 Mbps	973.61 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	629.84 Mbps	280.76 Mbps	910.60 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	243.10 Mbps	320.20 Mbps	563.29 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	68.75 Mbps	104.02 Mbps	172.77 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	50.80 Mbps	90.91 Mbps	141.71 Mbps

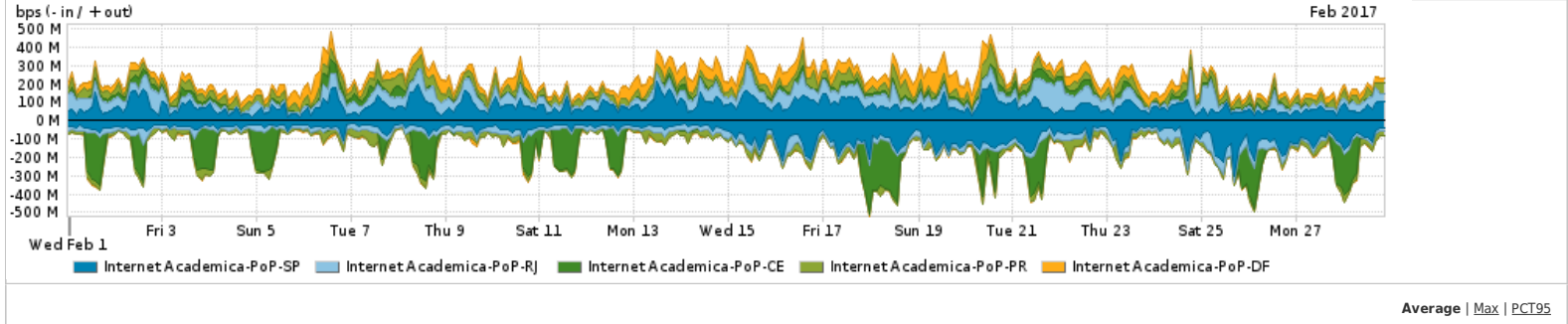
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	125.37 Mbps	302.84 Mbps	428.21 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Mountain View	165.39 Mbps	7.75 Mbps	173.15 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	41.38 Mbps	64.83 Mbps	106.21 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	85.53 Mbps	117.78 Kbps	85.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	13.46 Mbps	63.54 Mbps	77.00 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	13.54 Mbps	55.53 Mbps	69.07 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	4.44 Mbps	56.09 Mbps	60.53 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	16.75 Mbps	30.63 Mbps	47.38 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	41.52 Mbps	2.97 Mbps	44.49 Mbps

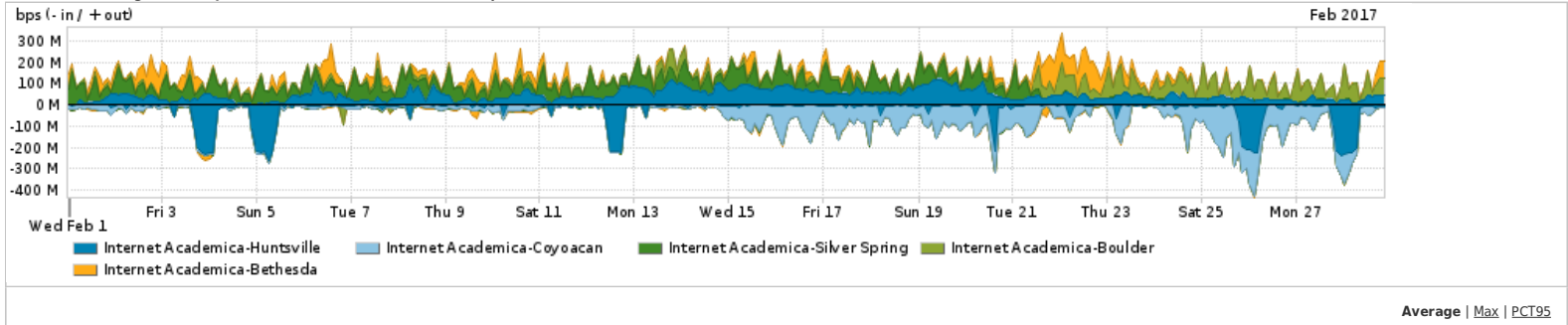
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Hangzhou	43.49 Mbps	711.46 Kbps	44.21 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	71.91 Mbps	77.36 Mbps	149.27 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	26.31 Mbps	50.72 Mbps	77.04 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-CE	46.79 Mbps	15.36 Mbps	62.15 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	22.70 Mbps	35.94 Mbps	58.64 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-DF	2.61 Mbps	45.92 Mbps	48.53 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.81 Mbps	20.95 Mbps	22.76 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	4.04 Mbps	16.59 Mbps	20.63 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	1.90 Mbps	11.21 Mbps	13.11 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	1.51 Mbps	9.52 Mbps	11.03 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	1.54 Mbps	8.08 Mbps	9.62 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	308.92 Kbps	5.48 Mbps	5.79 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	1.37 Mbps	3.09 Mbps	4.47 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	245.28 Kbps	3.42 Mbps	3.67 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	319.22 Kbps	2.44 Mbps	2.76 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	340.73 Kbps	1.82 Mbps	2.17 Mbps

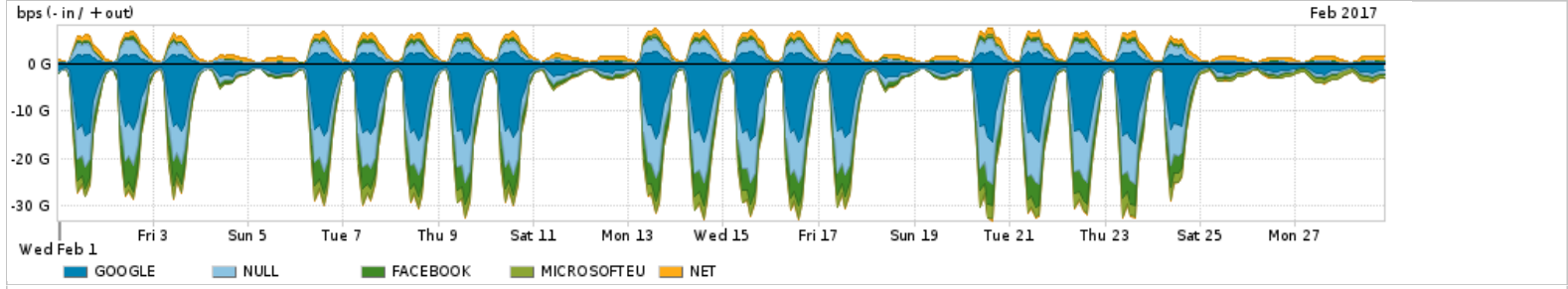
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Huntsville	24.37 Mbps	44.19 Mbps	68.56 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Coyoacan	46.97 Mbps	240.91 Kbps	47.21 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Silver Spring	518.69 Kbps	43.92 Mbps	44.44 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Boulder	817.56 Kbps	26.76 Mbps	27.57 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bethesda	1.83 Mbps	24.74 Mbps	26.57 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	352.66 Kbps	25.19 Mbps	25.55 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	3.32 Mbps	13.24 Mbps	16.56 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	2.49 Mbps	11.76 Mbps	14.25 Mbps
<input type="checkbox"/>	Internet Academica	Buenos Aires	13.36 Mbps	359.64 Kbps	13.72 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	6.68 Mbps	6.48 Mbps	13.16 Mbps

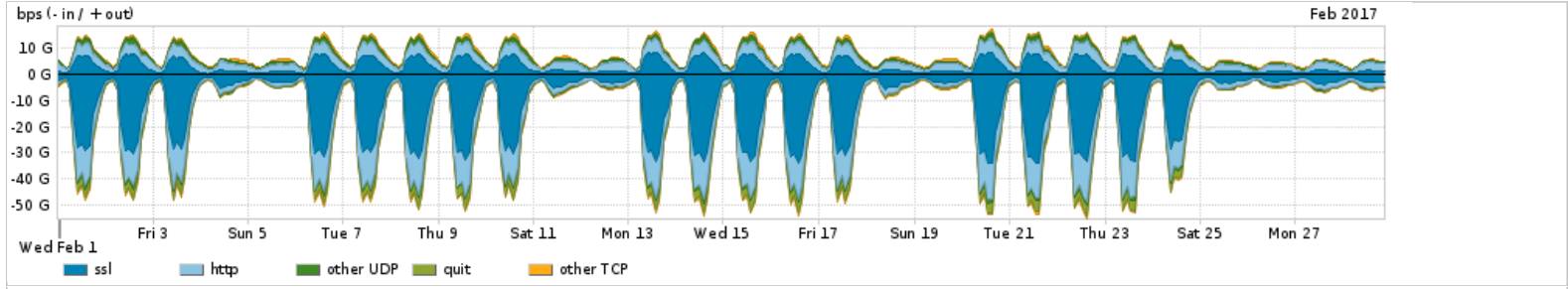
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> GOOGLE	15169		5.08 Gbps	965.43 Mbps	6.05 Gbps
<input checked="" type="checkbox"/> NULL	0		2.79 Gbps	876.48 Mbps	3.67 Gbps
<input checked="" type="checkbox"/> FACEBOOK	32934		1.67 Gbps	176.87 Mbps	1.85 Gbps
<input checked="" type="checkbox"/> MICROSOFTU	8068		936.14 Mbps	120.20 Mbps	1.06 Gbps
<input checked="" type="checkbox"/> NET	28573		119.77 Mbps	827.98 Mbps	947.75 Mbps
<input type="checkbox"/> NETFLIX	2906		669.81 Mbps	10.02 Mbps	679.83 Mbps
<input type="checkbox"/> AMAZON-02	16509		448.52 Mbps	137.90 Mbps	586.42 Mbps
<input type="checkbox"/> AKAMAI-ASN1	20940		487.42 Mbps	15.38 Mbps	502.79 Mbps
<input type="checkbox"/> TASCUM	52871		430.18 Mbps	14.29 Mbps	444.47 Mbps
<input type="checkbox"/> GCEPSABR	28604		346.04 Mbps	16.98 Mbps	363.02 Mbps
<input type="checkbox"/> TELEFNICA-BRASIL-SABR	27699		74.24 Mbps	270.62 Mbps	344.86 Mbps
<input type="checkbox"/> TNLSABR	7738		33.16 Mbps	300.49 Mbps	333.64 Mbps
<input type="checkbox"/> ANDTUY	6057		7.27 Mbps	302.06 Mbps	309.33 Mbps
<input type="checkbox"/> DROPBOX	19679		184.86 Mbps	122.58 Mbps	307.44 Mbps
<input type="checkbox"/> MICROSOFT-CORP-MSN-AS-BLOCK	8075		146.51 Mbps	149.99 Mbps	296.49 Mbps

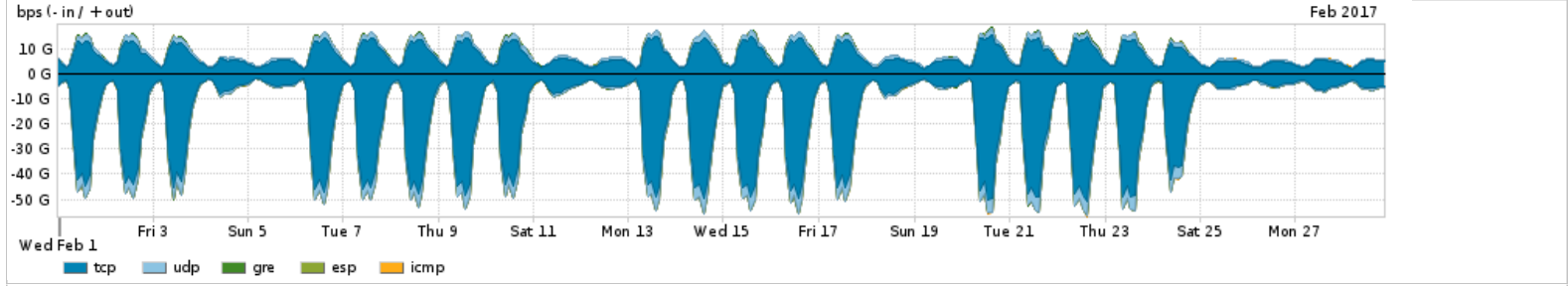
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	ssl		10.70 Gbps	2.98 Gbps	13.68 Gbps
<input checked="" type="checkbox"/>	http		4.89 Gbps	2.99 Gbps	7.88 Gbps
<input checked="" type="checkbox"/>	other UDP		493.65 Mbps	930.34 Mbps	1.42 Gbps
<input checked="" type="checkbox"/>	quit		1.16 Gbps	138.57 Mbps	1.30 Gbps
<input checked="" type="checkbox"/>	other TCP		541.77 Mbps	587.94 Mbps	1.13 Gbps
<input type="checkbox"/>	rsync		55.08 Mbps	47.14 Mbps	102.22 Mbps
<input type="checkbox"/>	dns		31.36 Mbps	64.28 Mbps	95.63 Mbps
<input type="checkbox"/>	ssh		43.56 Mbps	31.89 Mbps	75.46 Mbps
<input type="checkbox"/>	macromedia-fcs		47.18 Mbps	20.17 Mbps	67.35 Mbps
<input type="checkbox"/>	smtp		27.46 Mbps	29.89 Mbps	57.34 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		16.58 Gbps	6.86 Gbps	23.44 Gbps
<input checked="" type="checkbox"/>	udp		1.78 Gbps	1.16 Gbps	2.94 Gbps
<input checked="" type="checkbox"/>	gre		20.66 Mbps	91.94 Mbps	112.60 Mbps
<input checked="" type="checkbox"/>	esp		26.72 Mbps	15.37 Mbps	42.09 Mbps
<input checked="" type="checkbox"/>	icmp		5.99 Mbps	8.00 Mbps	13.99 Mbps
<input type="checkbox"/>	ipv6		1.71 Mbps	1.26 Mbps	2.97 Mbps
<input type="checkbox"/>	ah		1.33 Mbps	280.72 Kbps	1.61 Mbps
<input type="checkbox"/>	ipv6-icmp		585.04 Kbps	931.36 Kbps	1.52 Mbps
<input type="checkbox"/>	ipencap		3.66 Kbps	3.65 Kbps	7.31 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	sctp		180.00 bps	0.00 bps 180.00 bps

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