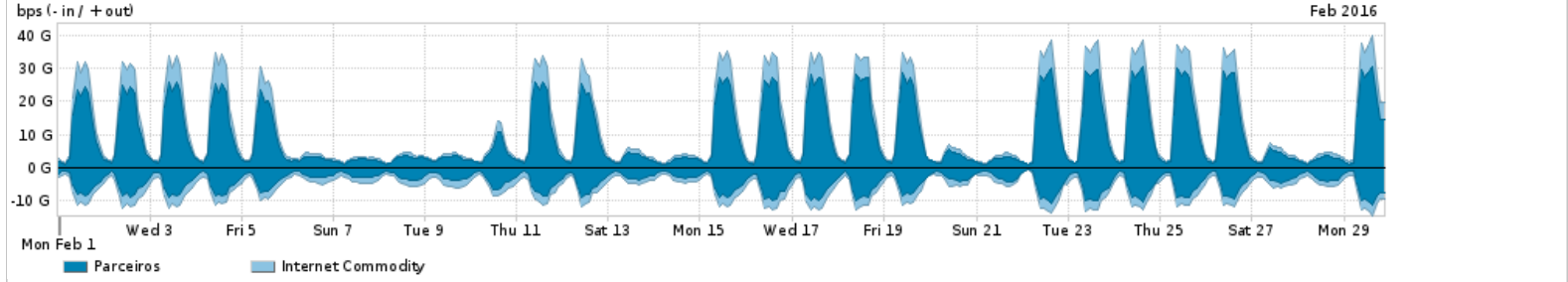


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

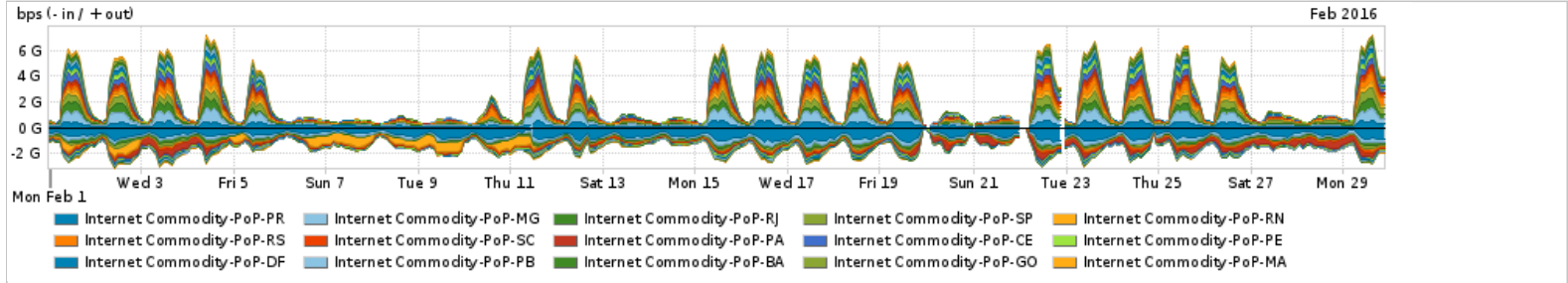
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		4.51 Gbps	9.34 Gbps	13.85 Gbps
<input type="checkbox"/> Internet Commodity		1.85 Gbps	2.67 Gbps	4.52 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

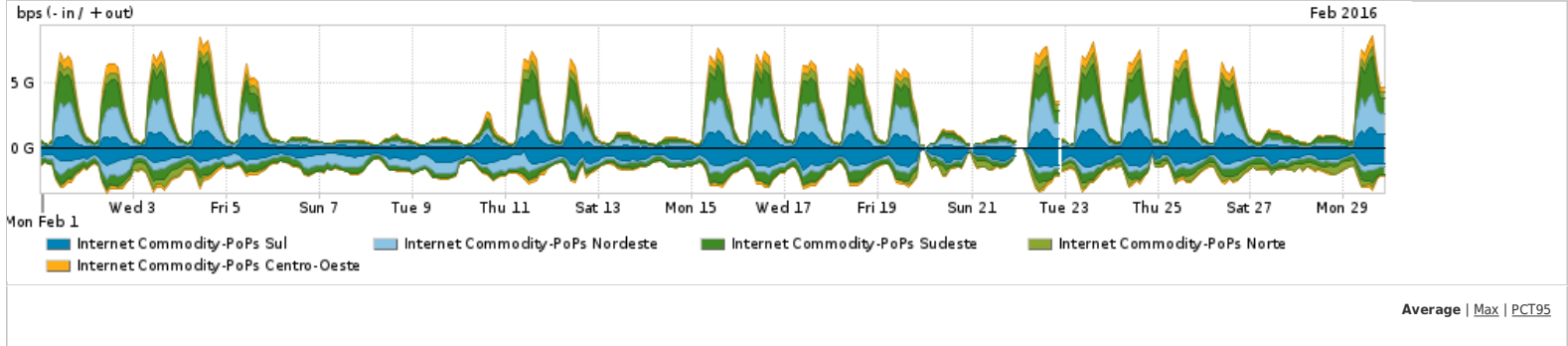


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	592.81 Mbps	179.86 Mbps	772.66 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	174.54 Mbps	284.53 Mbps	459.06 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	120.77 Mbps	170.68 Mbps	291.44 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	76.07 Mbps	209.74 Mbps	285.81 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	117.42 Mbps	126.21 Mbps	243.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	53.80 Mbps	172.49 Mbps	226.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	109.05 Mbps	108.88 Mbps	217.92 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	123.38 Mbps	76.03 Mbps	199.42 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	38.27 Mbps	154.78 Mbps	193.04 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	65.45 Mbps	103.40 Mbps	168.86 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	55.14 Mbps	111.99 Mbps	167.13 Mbps

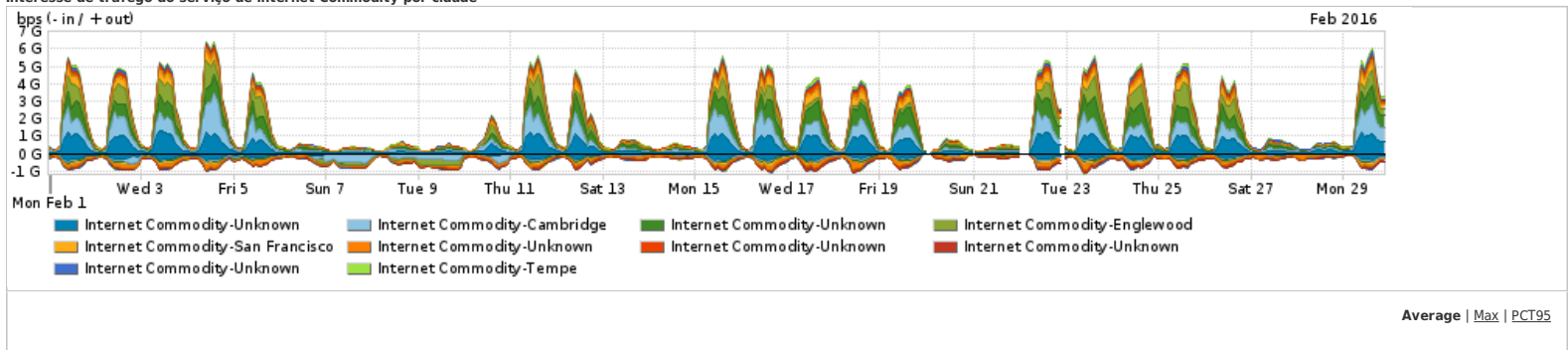
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PB	71.11 Mbps	91.63 Mbps	162.74 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	31.89 Mbps	121.43 Mbps	153.32 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	35.75 Mbps	72.12 Mbps	107.87 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	23.81 Mbps	67.44 Mbps	91.24 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoPs Sul	755.65 Mbps	461.23 Mbps	1.22 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	370.88 Mbps	809.94 Mbps	1.18 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	410.56 Mbps	710.66 Mbps	1.12 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	153.05 Mbps	224.50 Mbps	377.54 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	105.73 Mbps	248.04 Mbps	353.77 Mbps

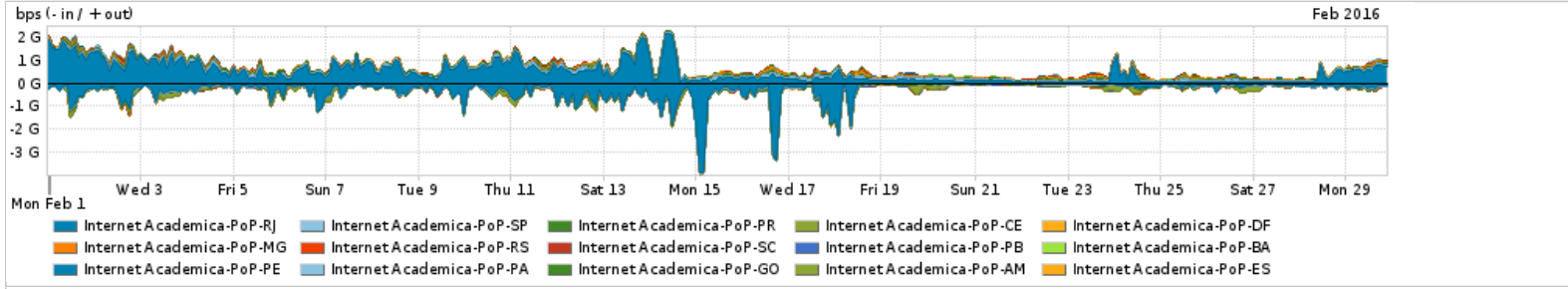
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	116.78 Mbps	342.64 Mbps	459.42 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	67.88 Mbps	339.27 Mbps	407.15 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	19.35 Mbps	333.44 Mbps	352.79 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	23.51 Mbps	235.89 Mbps	259.40 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	50.66 Mbps	157.75 Mbps	208.40 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	110.34 Mbps	51.93 Mbps	162.26 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	13.88 Mbps	77.35 Mbps	91.22 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	81.03 Mbps	1.62 Mbps	82.65 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	14.68 Mbps	55.51 Mbps	70.19 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Tempe	1.60 Mbps	68.40 Mbps	70.01 Mbps

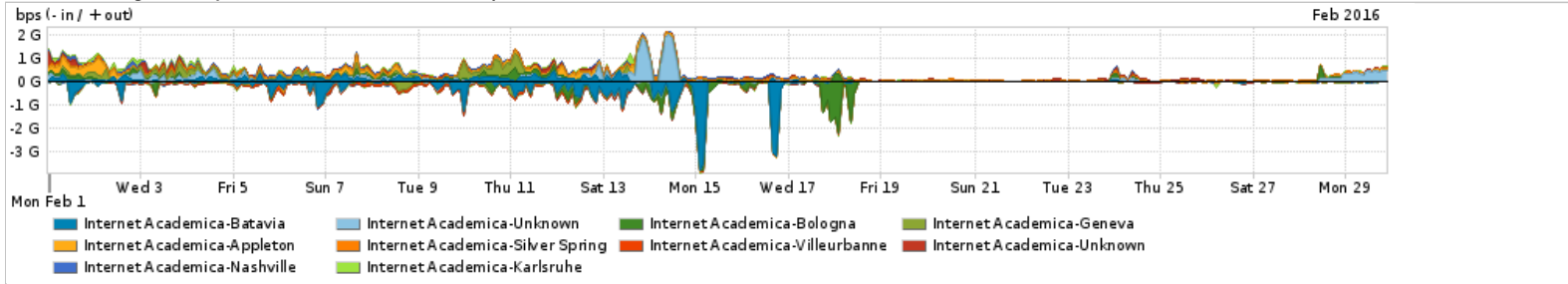
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	PoP-RJ	320.15 Mbps	449.11 Mbps	769.26 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SP	41.62 Mbps	76.98 Mbps	118.60 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PR	22.10 Mbps	36.31 Mbps	58.41 Mbps
<input type="checkbox"/>	Internet Academica	PoP-CE	35.68 Mbps	20.90 Mbps	56.58 Mbps
<input type="checkbox"/>	Internet Academica	PoP-DF	2.16 Mbps	22.30 Mbps	24.47 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	4.82 Mbps	13.35 Mbps	18.17 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.73 Mbps	14.59 Mbps	16.33 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	2.44 Mbps	8.67 Mbps	11.11 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	5.69 Mbps	1.24 Mbps	6.93 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	422.37 Kbps	4.43 Mbps	4.85 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	1.61 Mbps	3.17 Mbps	4.78 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	209.12 Kbps	3.94 Mbps	4.15 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	413.46 Kbps	2.93 Mbps	3.34 Mbps
<input type="checkbox"/>	Internet Academica	PoP-AM	397.08 Kbps	2.33 Mbps	2.72 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	404.18 Kbps	2.28 Mbps	2.68 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

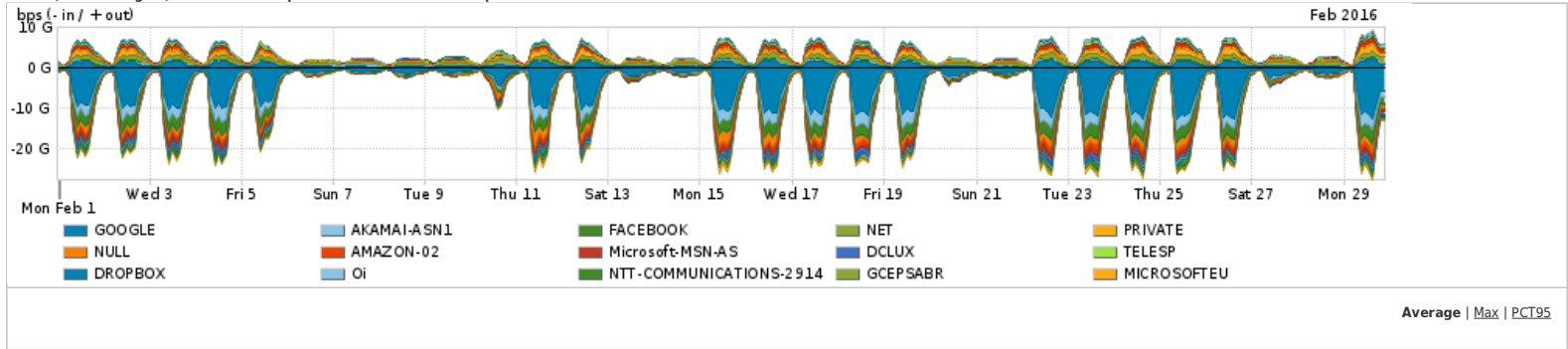


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Batavia	130.18 Mbps	59.60 Mbps	189.78 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.12 Mbps	83.67 Mbps	87.79 Mbps

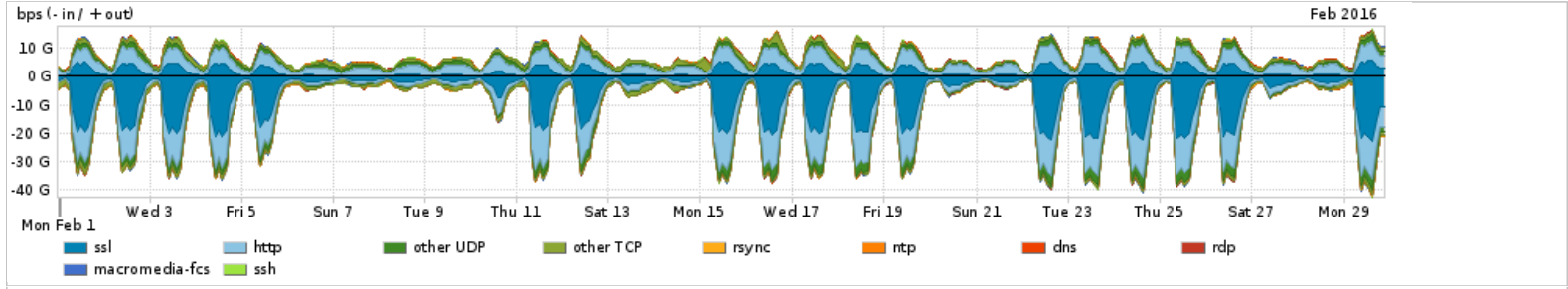
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Bologna	57.56 Mbps	29.05 Mbps	86.61 Mbps
<input type="checkbox"/>	Internet Academica	Geneva	10.15 Mbps	52.20 Mbps	62.36 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	3.63 Mbps	57.33 Mbps	60.96 Mbps
<input type="checkbox"/>	Internet Academica	Silver Spring	723.93 Kbps	50.64 Mbps	51.36 Mbps
<input type="checkbox"/>	Internet Academica	Villeurbanne	34.13 Mbps	2.76 Mbps	36.88 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	10.03 Mbps	23.15 Mbps	33.18 Mbps
<input type="checkbox"/>	Internet Academica	Nashville	1.84 Mbps	25.97 Mbps	27.81 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	4.72 Mbps	21.77 Mbps	26.49 Mbps

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



AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	3.70 Gbps	597.25 Mbps	4.30 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	918.14 Mbps	72.63 Mbps	990.77 Mbps
<input type="checkbox"/>	FACEBOOK	32934	873.75 Mbps	107.81 Mbps	981.56 Mbps
<input type="checkbox"/>	NET	28573	137.26 Mbps	779.12 Mbps	916.38 Mbps
<input type="checkbox"/>	PRIVATE	65011	49.68 Mbps	533.75 Mbps	583.43 Mbps
<input type="checkbox"/>	NULL	0	506.84 Mbps	65.56 Mbps	572.40 Mbps
<input type="checkbox"/>	AMAZON-02	16509	375.03 Mbps	149.46 Mbps	524.49 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	251.82 Mbps	254.61 Mbps	506.42 Mbps
<input type="checkbox"/>	DCLUX	24611	336.15 Mbps	19.14 Mbps	355.29 Mbps
<input type="checkbox"/>	TELESP	27699	58.24 Mbps	260.55 Mbps	318.79 Mbps
<input type="checkbox"/>	DROPBOX	19679	208.49 Mbps	104.10 Mbps	312.59 Mbps
<input type="checkbox"/>	Oi	7738	37.58 Mbps	263.66 Mbps	301.24 Mbps
<input type="checkbox"/>	NTT-COMMUNICATIONS-2914	2914	233.39 Mbps	26.82 Mbps	260.21 Mbps
<input type="checkbox"/>	GCEPSABR	28604	213.80 Mbps	16.62 Mbps	230.42 Mbps
<input type="checkbox"/>	MICROSOFTU	8068	219.57 Mbps	3.92 Mbps	223.49 Mbps

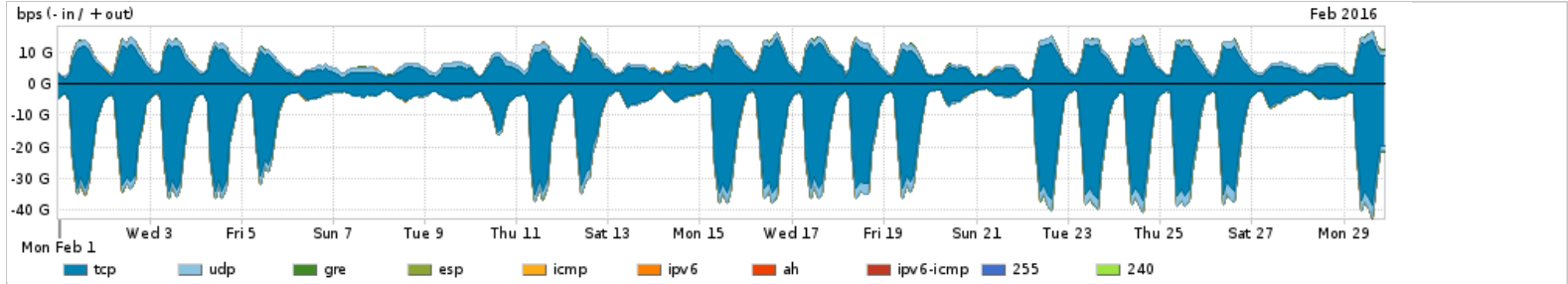
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
ssl		6.67 Gbps	1.64 Gbps	8.31 Gbps
http		4.15 Gbps	3.27 Gbps	7.41 Gbps
other UDP		1.01 Gbps	1.02 Gbps	2.02 Gbps
other TCP		919.07 Mbps	1.03 Gbps	1.95 Gbps
rsync		95.15 Mbps	34.51 Mbps	129.66 Mbps
ntp		6.29 Mbps	107.87 Mbps	114.16 Mbps
dns		27.64 Mbps	77.74 Mbps	105.39 Mbps
rdp		46.68 Mbps	48.72 Mbps	95.40 Mbps
macromedia-fcs		60.73 Mbps	32.38 Mbps	93.12 Mbps
ssh		26.12 Mbps	50.55 Mbps	76.67 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
tcp		12.05 Gbps	6.22 Gbps	18.27 Gbps
udp		1.05 Gbps	1.20 Gbps	2.25 Gbps
gre		12.15 Mbps	47.68 Mbps	59.84 Mbps
esp		17.13 Mbps	8.89 Mbps	26.02 Mbps
icmp		5.05 Mbps	10.31 Mbps	15.36 Mbps
ipv6		3.90 Mbps	3.29 Mbps	7.19 Mbps
ah		632.80 Kbps	1.11 Mbps	1.75 Mbps
ipv6-icmp		53.27 Kbps	186.62 Kbps	239.89 Kbps
255		4.00 bps	116.18 Kbps	116.18 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	240		0.00 bps	995.00 bps

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