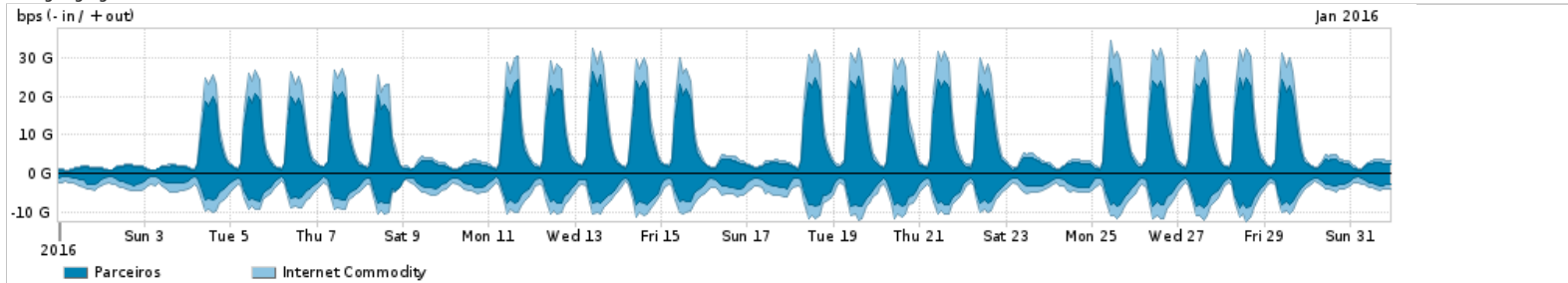


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

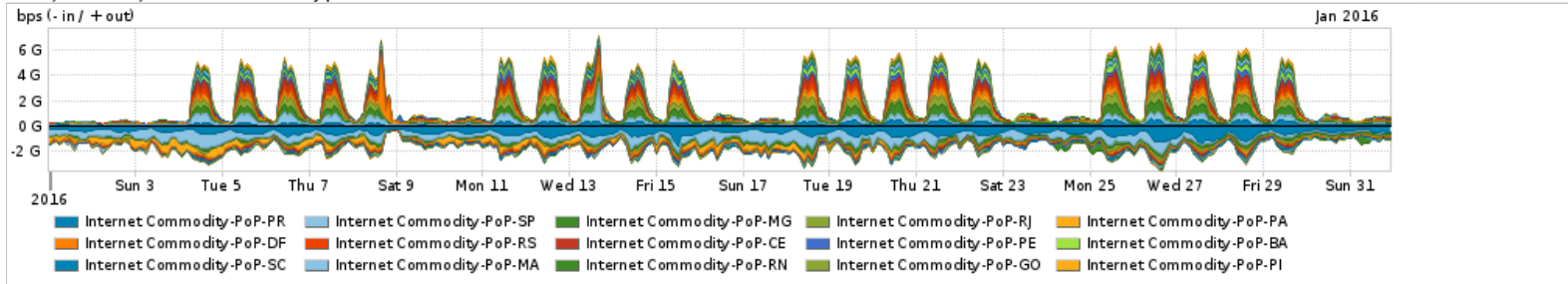
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		3.90 Gbps	7.71 Gbps	11.61 Gbps
<input type="checkbox"/> Internet Commodity		1.96 Gbps	2.35 Gbps	4.31 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

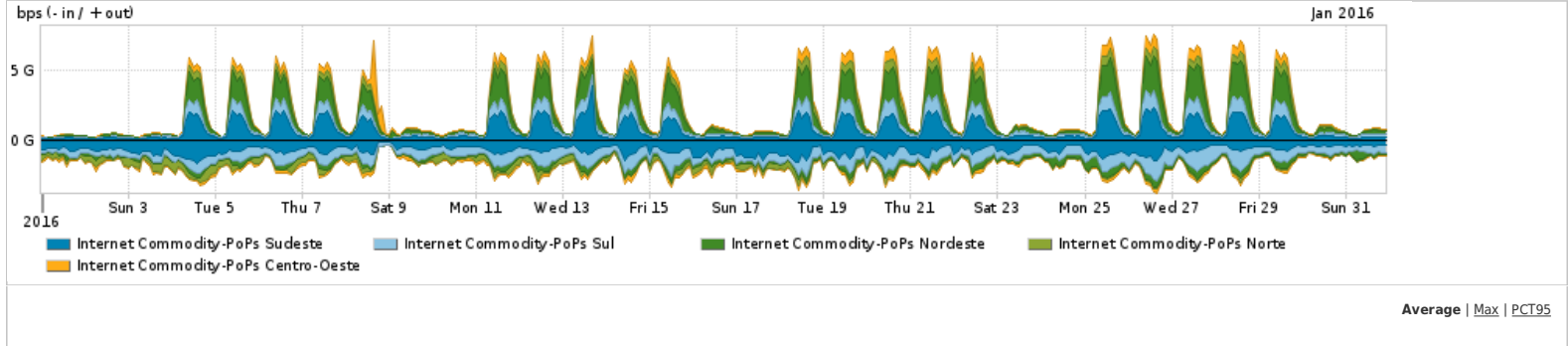


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	535.39 Mbps	143.77 Mbps	679.16 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	438.32 Mbps	203.66 Mbps	641.99 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	134.35 Mbps	236.83 Mbps	371.18 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	106.76 Mbps	218.93 Mbps	325.69 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	155.94 Mbps	69.61 Mbps	225.54 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	73.34 Mbps	137.04 Mbps	210.38 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	39.72 Mbps	152.92 Mbps	192.64 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	31.84 Mbps	143.29 Mbps	175.13 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	69.80 Mbps	94.31 Mbps	164.11 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	30.28 Mbps	113.86 Mbps	144.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	68.44 Mbps	65.24 Mbps	133.68 Mbps

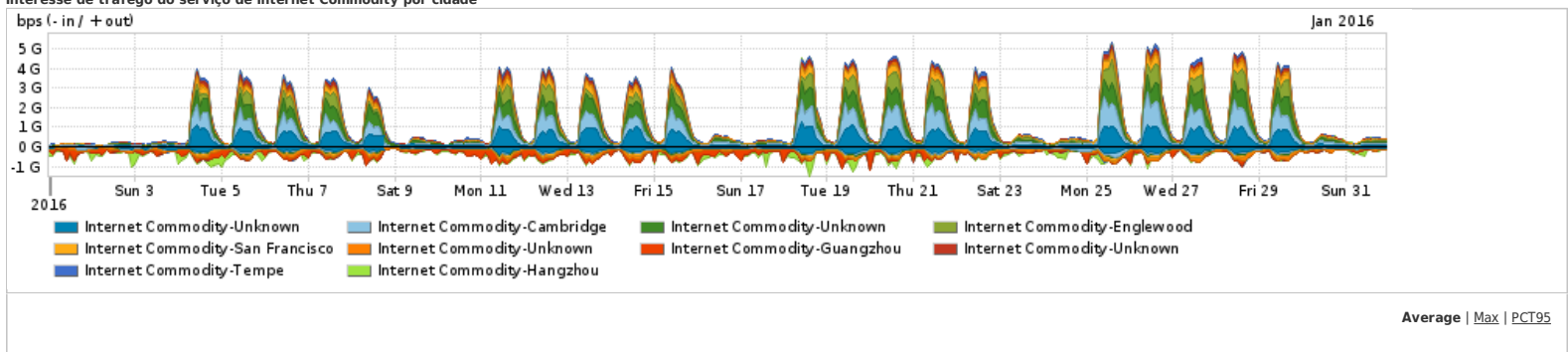
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-MA	38.81 Mbps	71.12 Mbps	109.93 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	22.16 Mbps	82.77 Mbps	104.93 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	55.83 Mbps	47.76 Mbps	103.59 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PI	8.51 Mbps	75.61 Mbps	84.12 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 Sudeste	701.21 Mbps	691.01 Mbps	1.39 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sul	643.55 Mbps	361.93 Mbps	1.01 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	241.38 Mbps	696.17 Mbps	937.55 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	185.71 Mbps	200.94 Mbps	386.65 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	143.10 Mbps	238.06 Mbps	381.15 Mbps

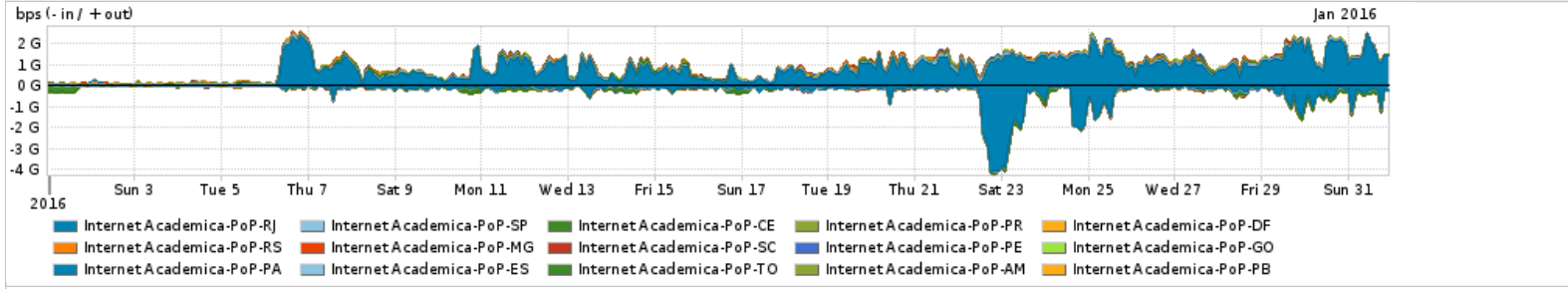
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	109.31 Mbps	299.46 Mbps	408.77 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	29.65 Mbps	298.97 Mbps	328.62 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	14.38 Mbps	275.54 Mbps	289.92 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	1.34 Mbps	181.19 Mbps	182.53 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	43.24 Mbps	121.88 Mbps	165.13 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	98.71 Mbps	39.96 Mbps	138.67 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	118.22 Mbps	1.24 Mbps	119.46 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	5.40 Mbps	72.61 Mbps	78.01 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	1.64 Mbps	74.43 Mbps	76.07 Mbps

PROFILE	CITY	IN	OUT	TOTAL
Internet Commodity	Hangzhou	69.30 Mbps	1.38 Mbps	70.69 Mbps

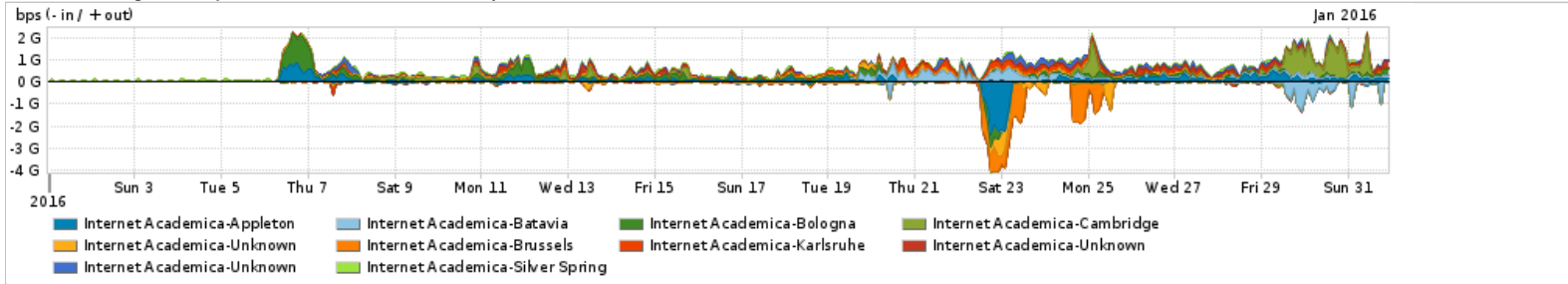
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
Internet Academica	PoP-RJ	264.07 Mbps	777.13 Mbps	1.04 Gbps
Internet Academica	PoP-SP	30.85 Mbps	63.52 Mbps	94.37 Mbps
Internet Academica	PoP-CE	42.83 Mbps	21.27 Mbps	64.09 Mbps
Internet Academica	PoP-PR	17.34 Mbps	32.33 Mbps	49.67 Mbps
Internet Academica	PoP-DF	1.91 Mbps	21.42 Mbps	23.33 Mbps
Internet Academica	PoP-RS	1.22 Mbps	13.17 Mbps	14.39 Mbps
Internet Academica	PoP-MG	2.41 Mbps	11.27 Mbps	13.68 Mbps
Internet Academica	PoP-SC	2.09 Mbps	6.18 Mbps	8.27 Mbps
Internet Academica	PoP-PE	2.71 Mbps	4.67 Mbps	7.38 Mbps
Internet Academica	PoP-GO	328.23 Kbps	4.31 Mbps	4.63 Mbps
Internet Academica	PoP-PA	207.11 Kbps	2.98 Mbps	3.19 Mbps
Internet Academica	PoP-ES	502.72 Kbps	1.87 Mbps	2.38 Mbps
Internet Academica	PoP-TO	2.01 Mbps	298.78 Kbps	2.31 Mbps
Internet Academica	PoP-AM	295.56 Kbps	1.75 Mbps	2.05 Mbps
Internet Academica	PoP-PB	209.30 Kbps	1.66 Mbps	1.87 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

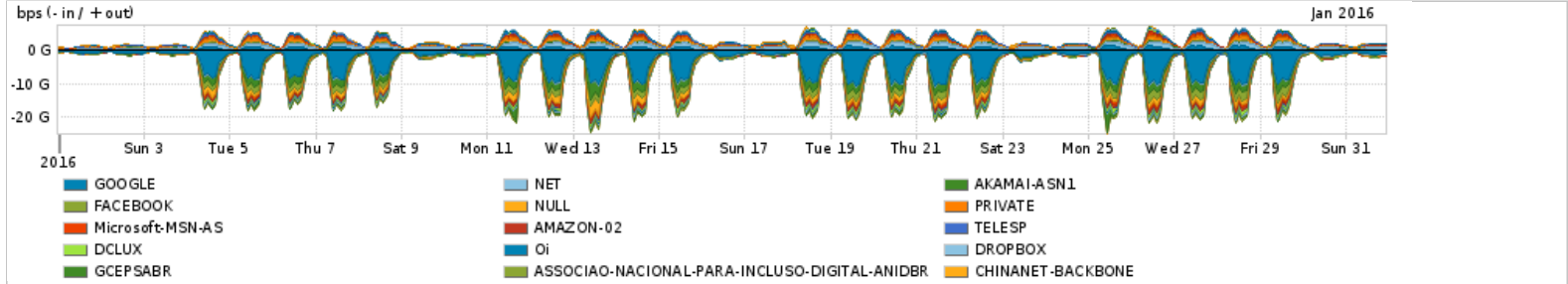


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL
Internet Academica	Appleton	44.21 Mbps	92.33 Mbps	136.53 Mbps
Internet Academica	Batavia	34.30 Mbps	63.62 Mbps	97.93 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Bologna	8.76 Mbps	89.10 Mbps	97.86 Mbps
<input type="checkbox"/>	Internet Academica	Cambridge	5.11 Mbps	92.00 Mbps	97.11 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	37.43 Mbps	35.75 Mbps	73.17 Mbps
<input type="checkbox"/>	Internet Academica	Brussels	63.48 Mbps	2.71 Mbps	66.19 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	6.57 Mbps	57.00 Mbps	63.57 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.75 Mbps	54.28 Mbps	59.04 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.40 Mbps	52.15 Mbps	56.54 Mbps
<input type="checkbox"/>	Internet Academica	Silver Spring	703.84 Kbps	53.56 Mbps	54.27 Mbps

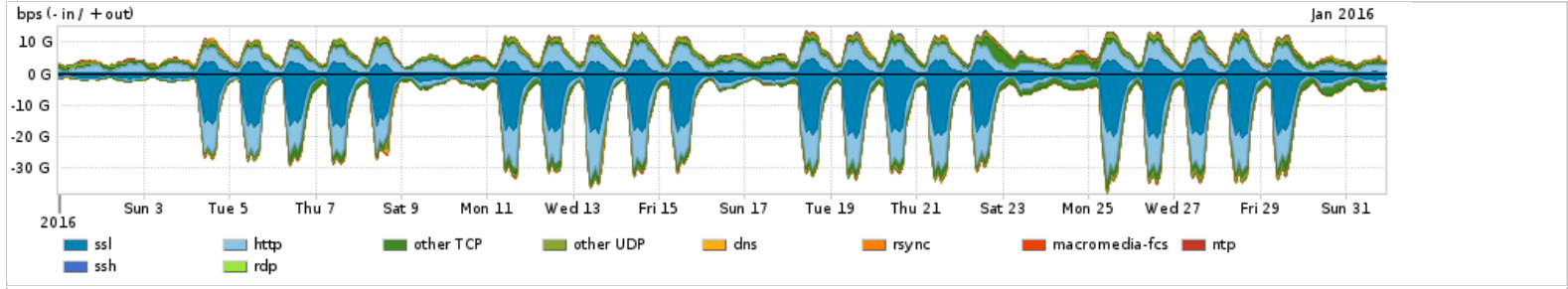
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	3.09 Gbps	475.38 Mbps	3.57 Gbps
<input type="checkbox"/>	NET	28573	104.04 Mbps	737.72 Mbps	841.76 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	762.56 Mbps	35.16 Mbps	797.72 Mbps
<input type="checkbox"/>	FACEBOOK	32934	658.10 Mbps	87.63 Mbps	745.73 Mbps
<input type="checkbox"/>	NULL	0	511.79 Mbps	86.68 Mbps	598.47 Mbps
<input type="checkbox"/>	PRIVATE	65011	97.00 bps	425.54 Mbps	425.54 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	188.40 Mbps	186.99 Mbps	375.39 Mbps
<input type="checkbox"/>	AMAZON-02	16509	235.73 Mbps	89.60 Mbps	325.33 Mbps
<input type="checkbox"/>	TELESP	27699	52.74 Mbps	250.34 Mbps	303.08 Mbps
<input type="checkbox"/>	DCLUX	24611	287.16 Mbps	14.05 Mbps	301.21 Mbps
<input type="checkbox"/>	Oi	7738	34.73 Mbps	252.24 Mbps	286.97 Mbps
<input type="checkbox"/>	DROPBOX	19679	177.97 Mbps	96.86 Mbps	274.83 Mbps
<input type="checkbox"/>	GCEPSABR	28604	213.42 Mbps	15.48 Mbps	228.91 Mbps
<input type="checkbox"/>	ASSOCIAO-NACIONAL-PARA-INCLUSO-DIGITAL-ANIDBR	28135	201.42 Mbps	8.24 Mbps	209.65 Mbps
<input type="checkbox"/>	CHINANET-BACKBONE	4134	3.85 Mbps	188.87 Mbps	192.72 Mbps

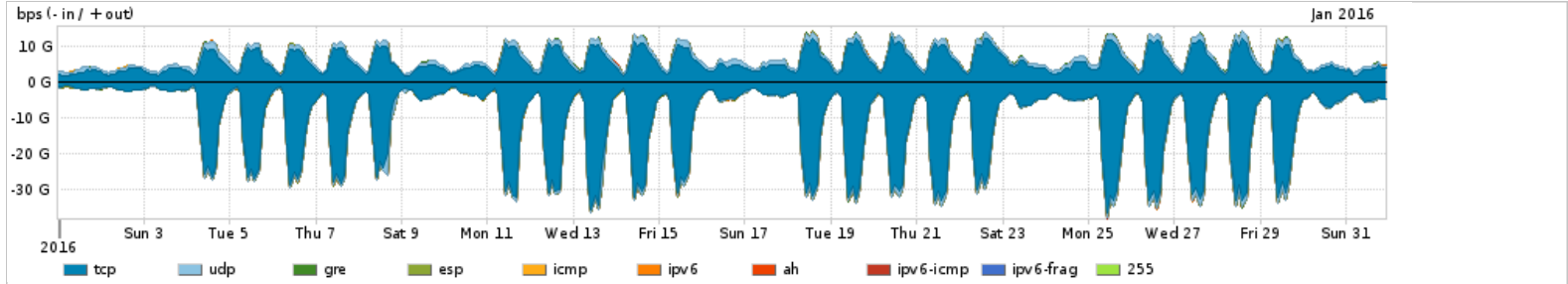
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
ssl		5.89 Gbps	1.36 Gbps	7.25 Gbps
http		3.51 Gbps	3.07 Gbps	6.59 Gbps
other TCP		1.28 Gbps	935.20 Mbps	2.21 Gbps
other UDP		460.91 Mbps	914.72 Mbps	1.38 Gbps
dns		47.57 Mbps	145.38 Mbps	192.95 Mbps
rsync		80.33 Mbps	33.72 Mbps	114.05 Mbps
macromedia-fcs		51.61 Mbps	55.82 Mbps	107.43 Mbps
ntp		8.51 Mbps	73.97 Mbps	82.48 Mbps
ssh		15.50 Mbps	47.96 Mbps	63.46 Mbps
rdp		16.47 Mbps	42.37 Mbps	58.84 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
tcp		10.94 Gbps	5.67 Gbps	16.61 Gbps
udp		515.85 Mbps	1.11 Gbps	1.62 Gbps
gre		11.21 Mbps	46.54 Mbps	57.76 Mbps
esp		31.11 Mbps	5.84 Mbps	36.95 Mbps
icmp		5.01 Mbps	6.98 Mbps	12.00 Mbps
ipv6		3.10 Mbps	2.79 Mbps	5.89 Mbps
ah		422.53 Kbps	809.71 Kbps	1.23 Mbps
ipv6-icmp		141.41 Kbps	125.94 Kbps	267.35 Kbps
ipv6-frag		18.00 bps	9.09 Kbps	9.11 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	255		1.00 bps	3.33 Kbps

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