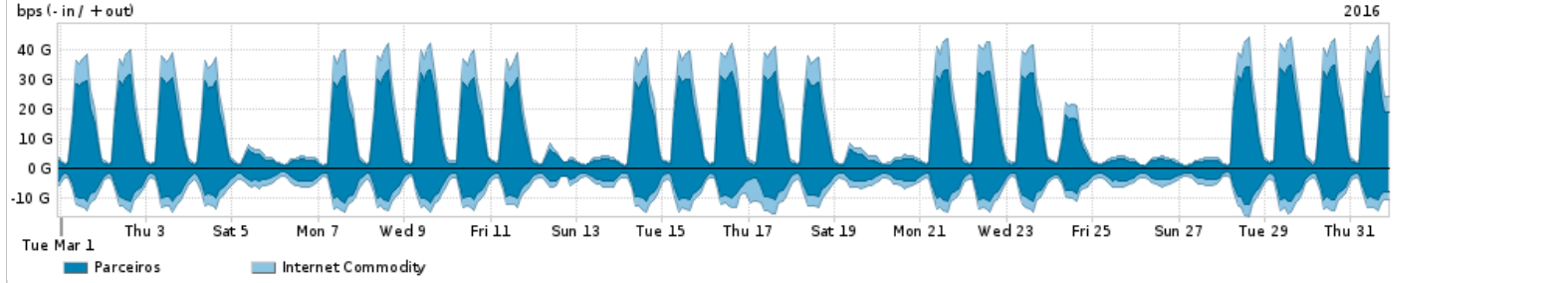


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

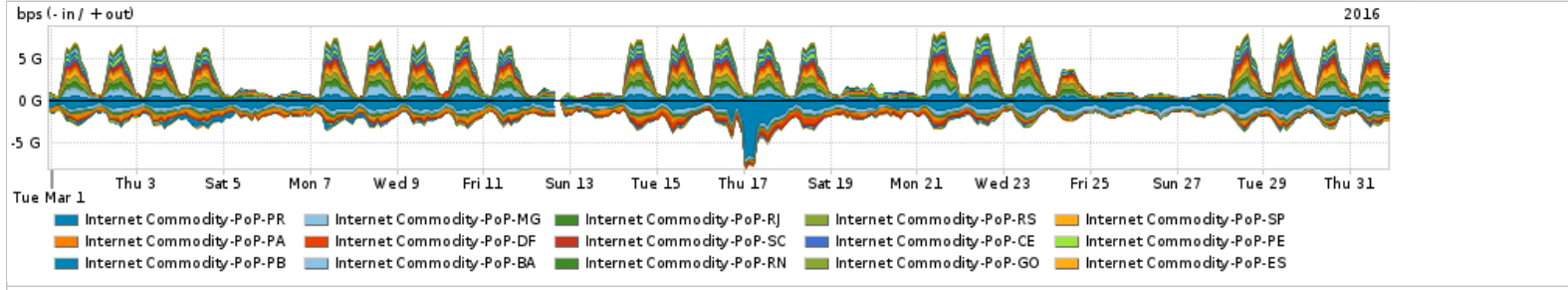
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		5.18 Gbps	12.12 Gbps	17.30 Gbps
<input type="checkbox"/> Internet Commodity		2.40 Gbps	3.46 Gbps	5.86 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

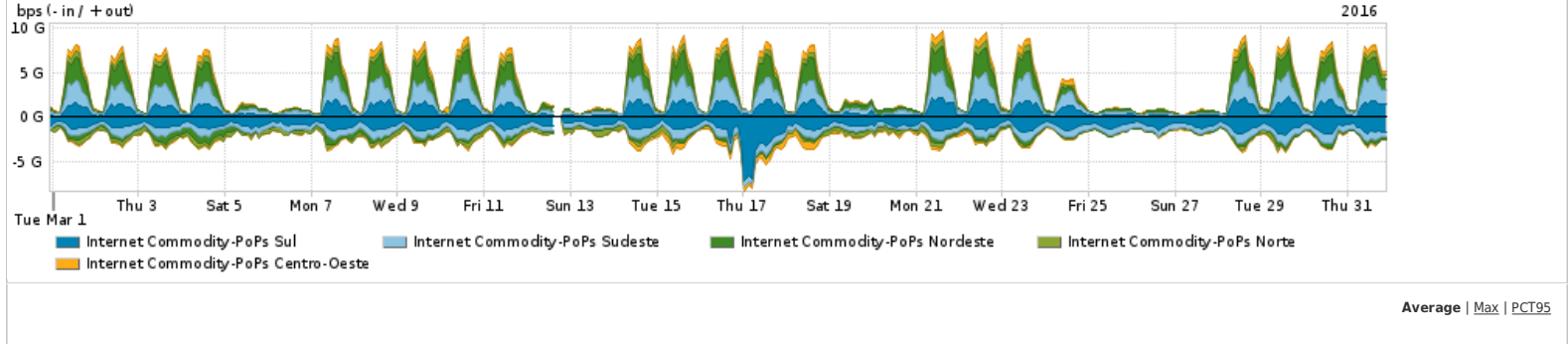


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	869.49 Mbps	271.14 Mbps	1.14 Gbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	380.41 Mbps	363.28 Mbps	743.69 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	132.06 Mbps	277.54 Mbps	409.61 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	67.62 Mbps	340.61 Mbps	408.23 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	100.10 Mbps	292.85 Mbps	392.95 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	196.30 Mbps	86.64 Mbps	282.94 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	127.80 Mbps	154.14 Mbps	281.95 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	116.36 Mbps	157.97 Mbps	274.33 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	32.19 Mbps	173.44 Mbps	205.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	51.62 Mbps	142.67 Mbps	194.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	78.33 Mbps	112.11 Mbps	190.44 Mbps

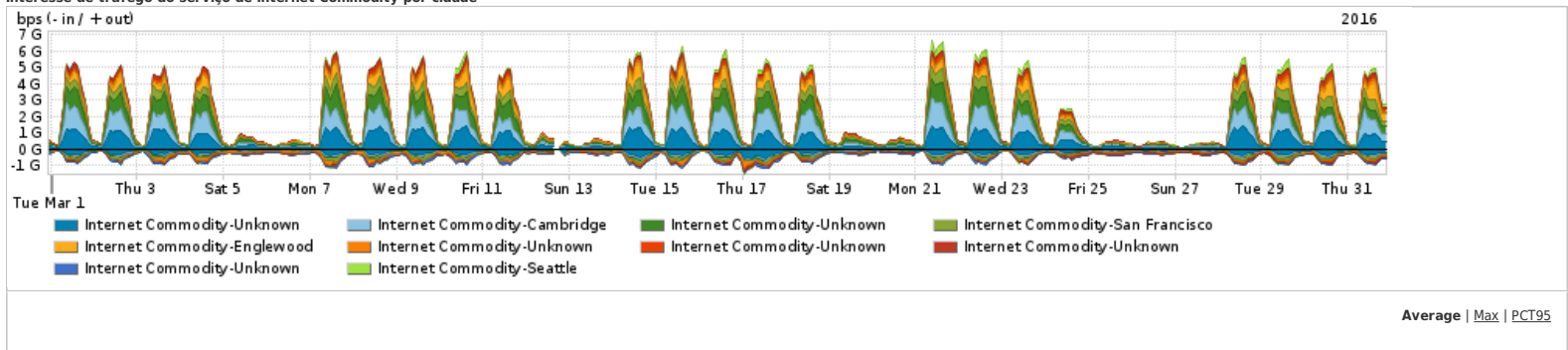
PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-BA	30.64 Mbps	142.58 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	8.91 Mbps	147.71 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	29.05 Mbps	74.63 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	33.63 Mbps	66.71 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	1.05 Gbps	769.71 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	646.20 Mbps	1.00 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	253.05 Mbps	947.20 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	225.85 Mbps	249.71 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	169.06 Mbps	300.11 Mbps

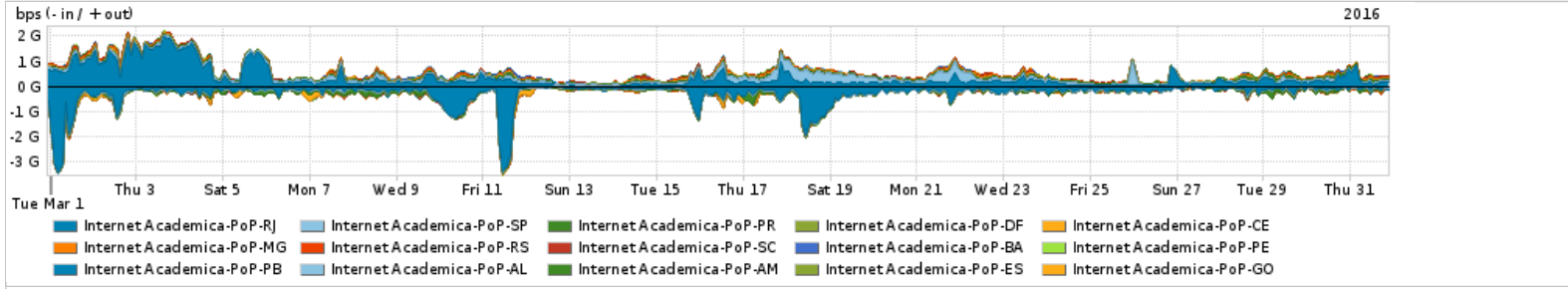
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	Unknown	153.72 Mbps	441.82 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	38.48 Mbps	443.90 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	24.95 Mbps	375.01 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	59.02 Mbps	238.58 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	602.63 Kbps	215.65 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	83.22 Mbps	65.73 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	31.79 Mbps	95.46 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	31.10 Mbps	70.29 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	92.53 Mbps	1.57 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Seattle	5.84 Mbps	86.27 Mbps	92.11 Mbps

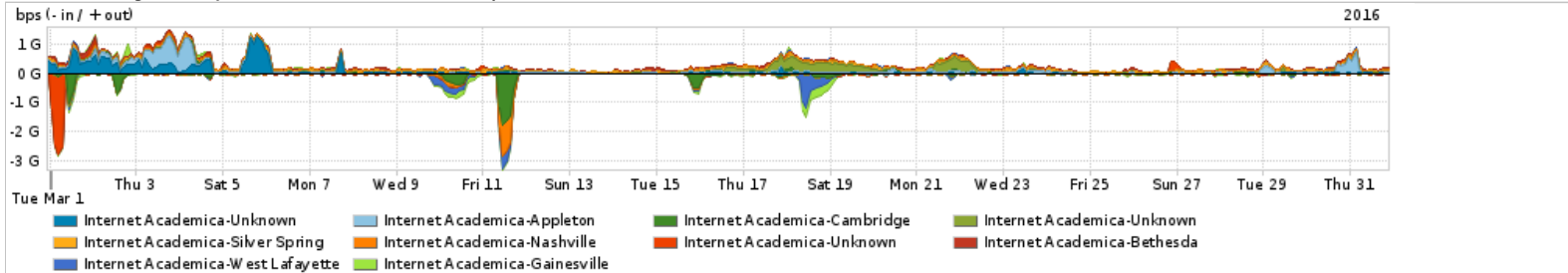
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	PoP-RJ	286.07 Mbps	317.26 Mbps	603.33 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SP	40.54 Mbps	117.77 Mbps	158.32 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PR	47.53 Mbps	39.29 Mbps	86.82 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	4.00 Mbps	23.51 Mbps	27.51 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-CE	16.10 Mbps	9.46 Mbps	25.56 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	6.31 Mbps	18.52 Mbps	24.83 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	1.92 Mbps	21.73 Mbps	23.64 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	3.72 Mbps	9.52 Mbps	13.23 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	611.35 Kbps	6.69 Mbps	7.30 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.72 Mbps	2.45 Mbps	4.17 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	1.81 Mbps	1.91 Mbps	3.72 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AL	177.13 Kbps	3.25 Mbps	3.42 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AM	365.04 Kbps	2.95 Mbps	3.31 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	489.74 Kbps	2.43 Mbps	2.92 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	346.85 Kbps	2.38 Mbps	2.72 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

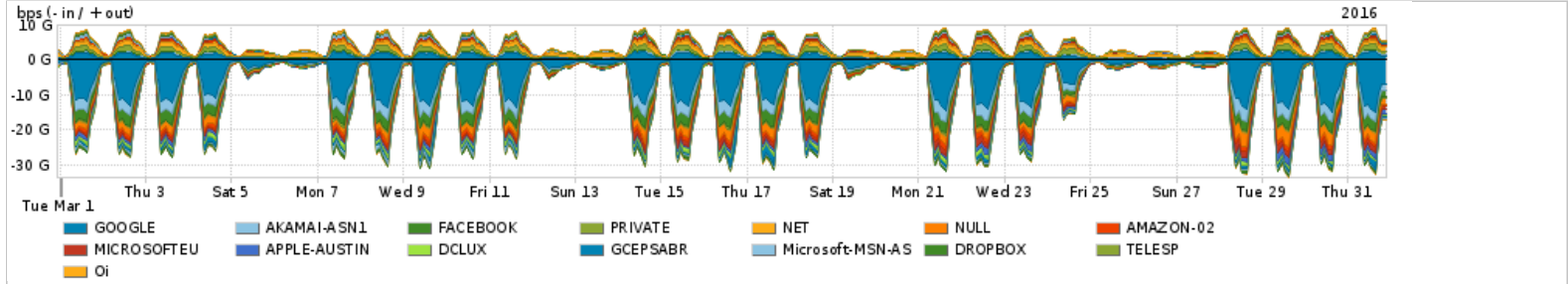


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Unknown	4.83 Mbps	72.21 Mbps	77.04 Mbps
<input type="checkbox"/>	Internet Acadêmica	Appleton	4.62 Mbps	62.90 Mbps	67.52 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Cambridge	43.93 Mbps	4.23 Mbps	48.17 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	5.40 Mbps	42.26 Mbps	47.66 Mbps
<input type="checkbox"/>	Internet Academica	Silver Spring	756.61 Kbps	46.82 Mbps	47.58 Mbps
<input type="checkbox"/>	Internet Academica	Nashville	16.97 Mbps	28.89 Mbps	45.86 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	28.19 Mbps	12.14 Mbps	40.32 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	1.47 Mbps	29.04 Mbps	30.50 Mbps
<input type="checkbox"/>	Internet Academica	West Lafayette	24.77 Mbps	2.18 Mbps	26.95 Mbps
<input type="checkbox"/>	Internet Academica	Gainesville	21.01 Mbps	5.53 Mbps	26.54 Mbps

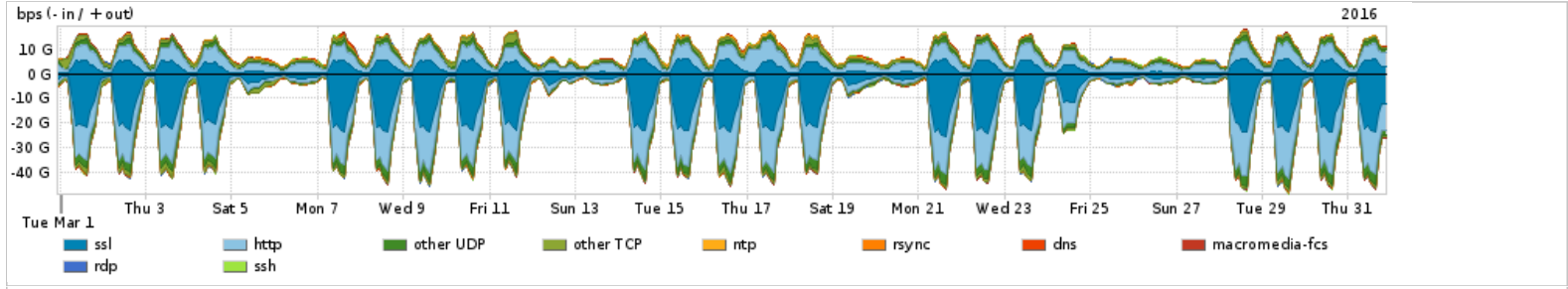
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	4.76 Gbps	803.98 Mbps	5.56 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.23 Gbps	53.96 Mbps	1.29 Gbps
<input type="checkbox"/>	FACEBOOK	32934	1.12 Gbps	145.92 Mbps	1.27 Gbps
<input type="checkbox"/>	PRIVATE	65011	251.22 Mbps	734.54 Mbps	985.76 Mbps
<input type="checkbox"/>	NET	28573	152.54 Mbps	819.58 Mbps	972.12 Mbps
<input type="checkbox"/>	NULL	0	808.23 Mbps	72.76 Mbps	880.99 Mbps
<input type="checkbox"/>	AMAZON-02	16509	477.79 Mbps	183.77 Mbps	661.56 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	474.19 Mbps	117.95 Mbps	592.14 Mbps
<input type="checkbox"/>	APPLE-AUSTIN	6185	455.02 Mbps	8.07 Mbps	463.09 Mbps
<input type="checkbox"/>	DCLUX	24611	383.93 Mbps	24.70 Mbps	408.63 Mbps
<input type="checkbox"/>	GCEPSABR	28604	381.77 Mbps	26.46 Mbps	408.23 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	203.23 Mbps	204.31 Mbps	407.53 Mbps
<input type="checkbox"/>	DROPBOX	19679	286.92 Mbps	120.57 Mbps	407.49 Mbps
<input type="checkbox"/>	TELESP	27699	65.36 Mbps	280.65 Mbps	346.01 Mbps
<input type="checkbox"/>	Oi	7738	44.13 Mbps	290.11 Mbps	334.24 Mbps

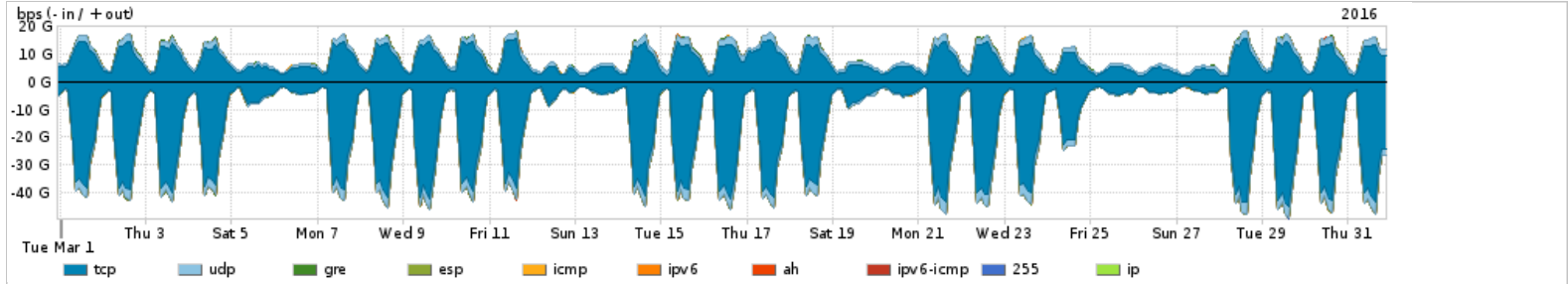
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> ssl		8.53 Gbps	2.15 Gbps	10.69 Gbps
<input type="checkbox"/> http		5.95 Gbps	3.80 Gbps	9.75 Gbps
<input type="checkbox"/> other UDP		1.36 Gbps	1.04 Gbps	2.40 Gbps
<input type="checkbox"/> other TCP		845.50 Mbps	971.44 Mbps	1.82 Gbps
<input type="checkbox"/> ntp		8.63 Mbps	396.10 Mbps	404.73 Mbps
<input type="checkbox"/> rsync		151.95 Mbps	63.51 Mbps	215.45 Mbps
<input type="checkbox"/> dns		37.14 Mbps	121.79 Mbps	158.92 Mbps
<input type="checkbox"/> macromedia-fcs		84.14 Mbps	31.54 Mbps	115.68 Mbps
<input type="checkbox"/> rdp		71.12 Mbps	43.09 Mbps	114.21 Mbps
<input type="checkbox"/> ssh		36.81 Mbps	65.09 Mbps	101.90 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		15.78 Gbps	7.33 Gbps	23.11 Gbps
<input type="checkbox"/> udp		1.41 Gbps	1.51 Gbps	2.92 Gbps
<input type="checkbox"/> gre		13.47 Mbps	49.46 Mbps	62.93 Mbps
<input type="checkbox"/> esp		23.37 Mbps	8.51 Mbps	31.87 Mbps
<input type="checkbox"/> icmp		5.26 Mbps	7.16 Mbps	12.42 Mbps
<input type="checkbox"/> ipv6		3.19 Mbps	2.52 Mbps	5.71 Mbps
<input type="checkbox"/> ah		718.24 Kbps	1.28 Mbps	2.00 Mbps
<input type="checkbox"/> ipv6-icmp		82.86 Kbps	150.22 Kbps	233.08 Kbps
<input type="checkbox"/> 255		3.00 bps	130.42 Kbps	130.42 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ip		4.00 bps	104.00 bps 108.00 bps

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