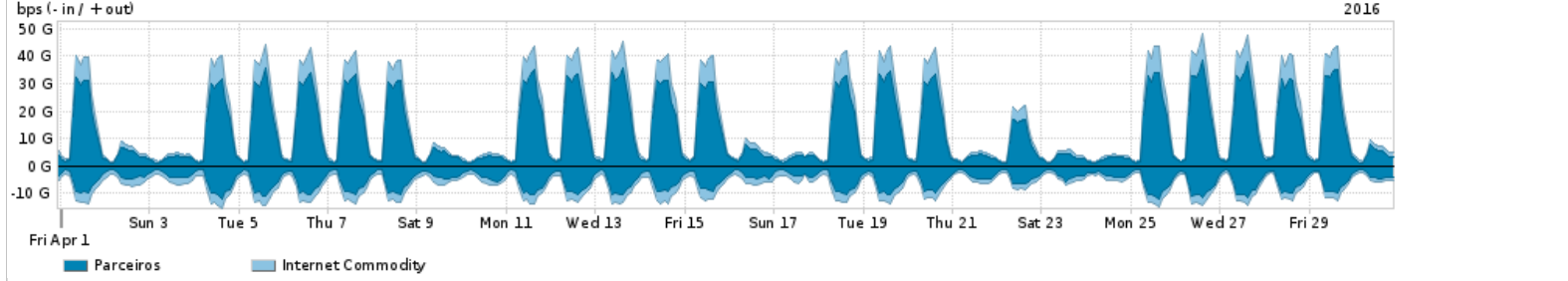


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

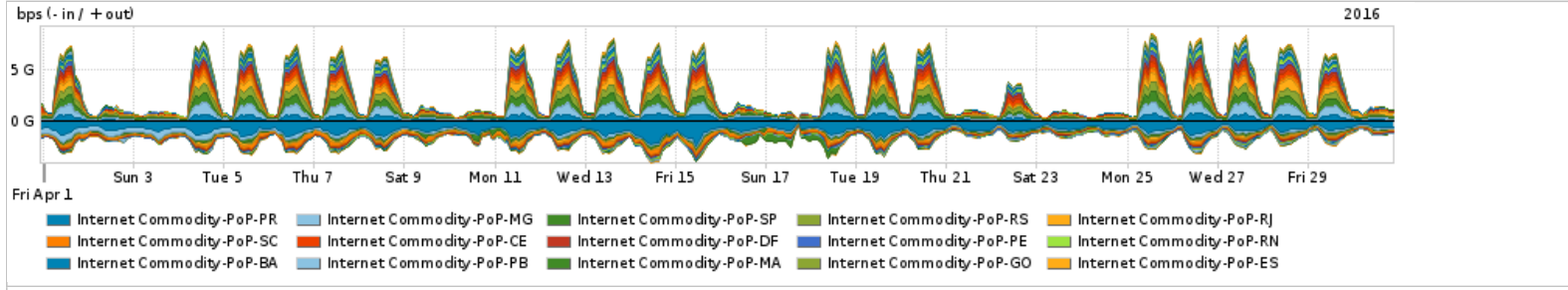
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		5.21 Gbps	12.19 Gbps	17.39 Gbps
<input type="checkbox"/> Internet Commodity		2.03 Gbps	3.39 Gbps	5.42 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

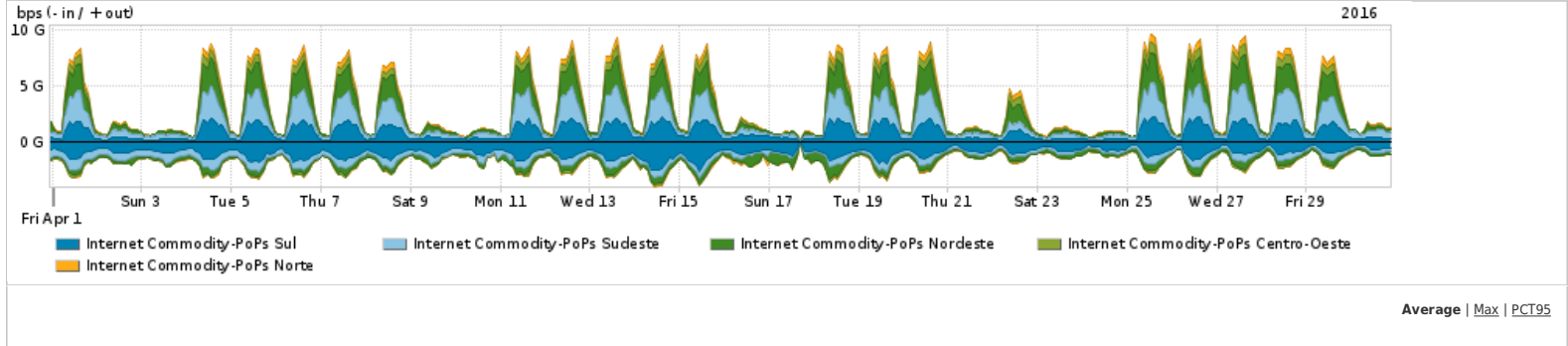


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	814.18 Mbps	276.53 Mbps	1.09 Gbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	197.25 Mbps	367.56 Mbps	564.81 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	86.70 Mbps	334.40 Mbps	421.10 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	55.59 Mbps	327.11 Mbps	382.70 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	114.70 Mbps	262.91 Mbps	377.61 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	172.59 Mbps	162.85 Mbps	335.44 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	28.43 Mbps	185.07 Mbps	213.51 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	53.21 Mbps	157.05 Mbps	210.26 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	60.18 Mbps	134.87 Mbps	195.05 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	52.95 Mbps	132.64 Mbps	185.59 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	29.67 Mbps	148.51 Mbps	178.18 Mbps

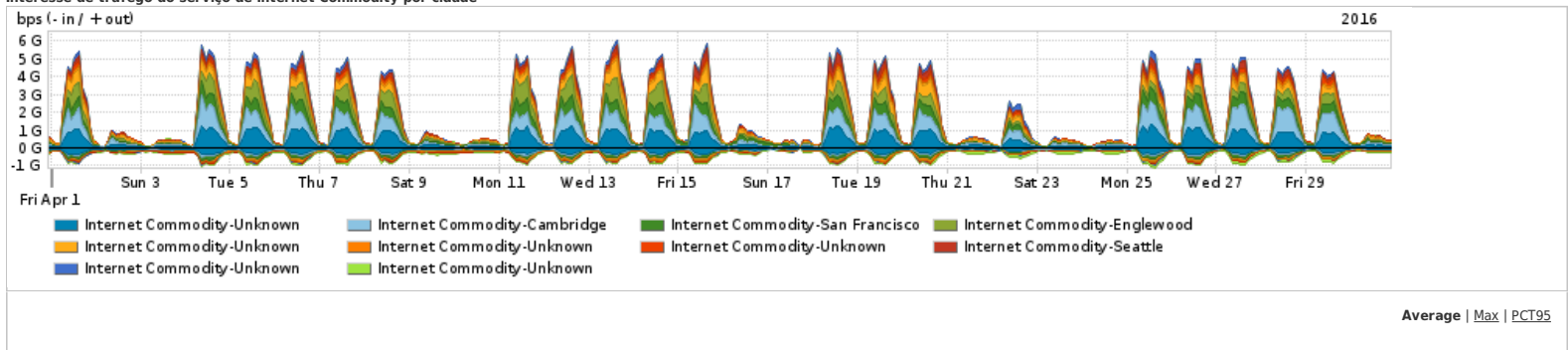
PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-PB	75.47 Mbps	171.01 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	53.04 Mbps	121.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	23.19 Mbps	92.84 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	30.30 Mbps	90.24 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	1.04 Gbps	1.81 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	428.95 Mbps	1.45 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	351.24 Mbps	1.25 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	86.88 Mbps	374.48 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	36.91 Mbps	254.74 Mbps

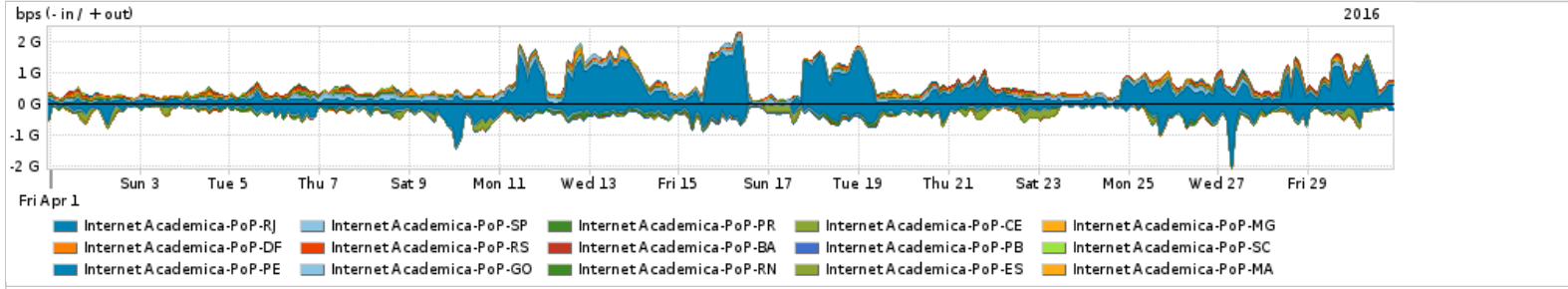
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	Unknown	131.99 Mbps	507.51 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	33.35 Mbps	405.01 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	54.04 Mbps	294.67 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	410.08 Kbps	250.39 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	28.82 Mbps	245.36 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	71.00 Mbps	131.90 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	26.52 Mbps	124.27 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	5.78 Mbps	108.85 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	9.75 Mbps	102.10 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	85.26 Mbps	1.49 Mbps	86.75 Mbps

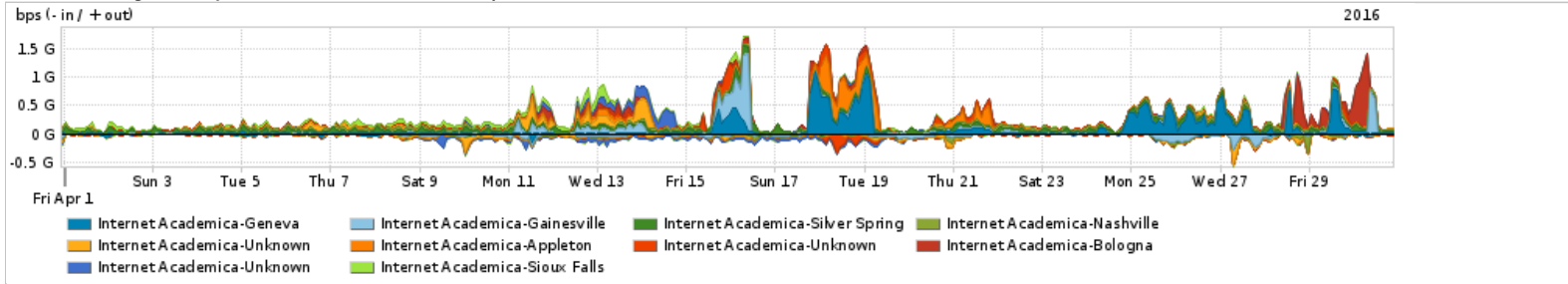
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	PoP-RJ	222.36 Mbps	388.50 Mbps	610.86 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SP	31.88 Mbps	84.95 Mbps	116.84 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PR	40.28 Mbps	24.22 Mbps	64.49 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-CE	34.22 Mbps	11.12 Mbps	45.34 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	4.46 Mbps	22.39 Mbps	26.85 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	2.77 Mbps	23.81 Mbps	26.59 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	3.37 Mbps	22.77 Mbps	26.14 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	1.38 Mbps	16.54 Mbps	17.91 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	13.23 Mbps	1.56 Mbps	14.79 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	3.61 Mbps	8.74 Mbps	12.35 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	2.00 Mbps	5.18 Mbps	7.18 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	509.09 Kbps	5.68 Mbps	6.19 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	271.79 Kbps	3.16 Mbps	3.43 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	672.50 Kbps	2.45 Mbps	3.12 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MA	294.58 Kbps	2.34 Mbps	2.64 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

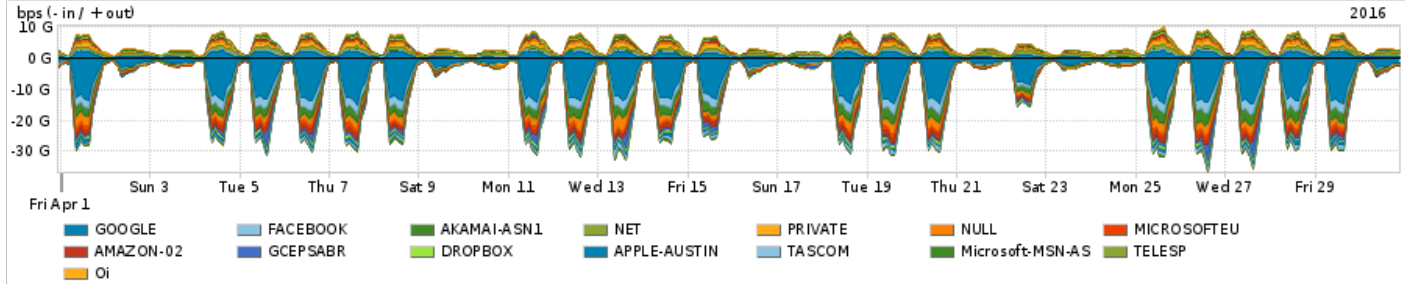


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Geneva	6.08 Mbps	81.77 Mbps	87.85 Mbps
<input type="checkbox"/>	Internet Acadêmica	Gainesville	20.24 Mbps	29.27 Mbps	49.51 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Silver Spring	658.33 Kbps	44.69 Mbps	45.35 Mbps
<input type="checkbox"/>	Internet Academica	Nashville	7.63 Mbps	31.89 Mbps	39.52 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	15.26 Mbps	18.30 Mbps	33.55 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	4.06 Mbps	29.30 Mbps	33.35 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	8.88 Mbps	24.17 Mbps	33.05 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	163.98 Kbps	31.11 Mbps	31.27 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	18.43 Mbps	12.82 Mbps	31.25 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	2.21 Mbps	27.15 Mbps	29.36 Mbps

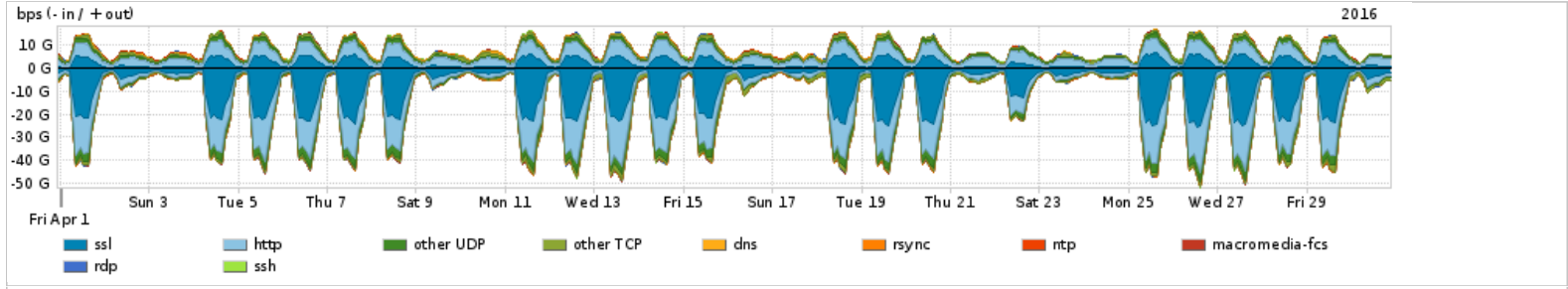
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	4.95 Gbps	824.91 Mbps	5.77 Gbps
<input type="checkbox"/>	FACEBOOK	32934	1.09 Gbps	151.20 Mbps	1.24 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.08 Gbps	47.74 Mbps	1.13 Gbps
<input type="checkbox"/>	NET	28573	146.18 Mbps	791.27 Mbps	937.45 Mbps
<input type="checkbox"/>	PRIVATE	65011	217.86 Mbps	651.30 Mbps	869.16 Mbps
<input type="checkbox"/>	NULL	0	743.73 Mbps	74.50 Mbps	818.23 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	538.56 Mbps	142.57 Mbps	681.13 Mbps
<input type="checkbox"/>	AMAZON-02	16509	461.27 Mbps	145.02 Mbps	606.29 Mbps
<input type="checkbox"/>	GCEPSABR	28604	428.45 Mbps	25.95 Mbps	454.40 Mbps
<input type="checkbox"/>	DROPBOX	19679	269.13 Mbps	114.61 Mbps	383.73 Mbps
<input type="checkbox"/>	APPLE-AUSTIN	6185	362.69 Mbps	6.51 Mbps	369.21 Mbps
<input type="checkbox"/>	TASCOM	52871	356.82 Mbps	6.40 Mbps	363.21 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	163.95 Mbps	192.85 Mbps	356.80 Mbps
<input type="checkbox"/>	TELESP	27699	62.90 Mbps	280.39 Mbps	343.29 Mbps
<input type="checkbox"/>	Oi	7738	41.50 Mbps	279.21 Mbps	320.70 Mbps

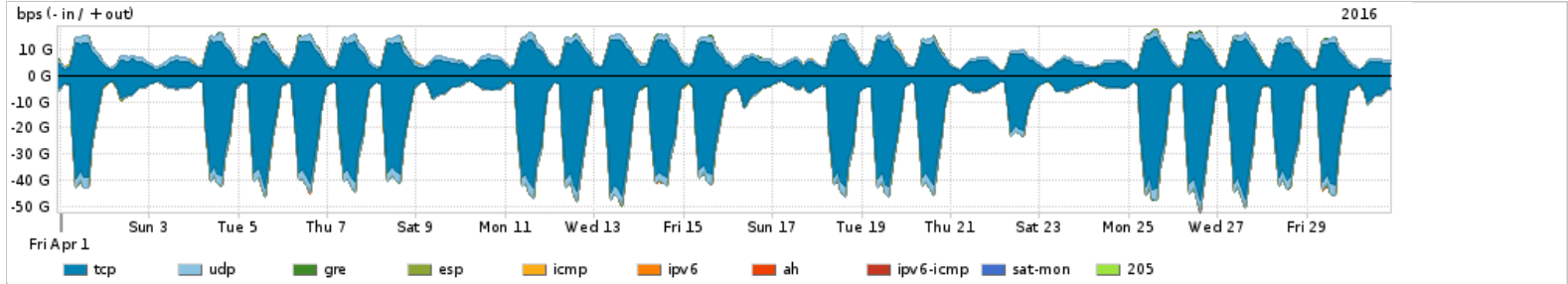
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> ssl		8.37 Gbps	2.13 Gbps	10.51 Gbps
<input type="checkbox"/> http		5.83 Gbps	3.60 Gbps	9.43 Gbps
<input type="checkbox"/> other UDP		1.34 Gbps	1.04 Gbps	2.38 Gbps
<input type="checkbox"/> other TCP		1.00 Gbps	885.39 Mbps	1.89 Gbps
<input type="checkbox"/> dns		44.16 Mbps	271.79 Mbps	315.95 Mbps
<input type="checkbox"/> rsync		177.32 Mbps	26.26 Mbps	203.58 Mbps
<input type="checkbox"/> ntp		10.33 Mbps	121.30 Mbps	131.63 Mbps
<input type="checkbox"/> macromedia-fcs		76.06 Mbps	29.24 Mbps	105.30 Mbps
<input type="checkbox"/> rdp		62.94 Mbps	31.40 Mbps	94.34 Mbps
<input type="checkbox"/> ssh		28.76 Mbps	56.06 Mbps	84.82 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		15.69 Gbps	6.97 Gbps	22.66 Gbps
<input type="checkbox"/> udp		1.39 Gbps	1.41 Gbps	2.80 Gbps
<input type="checkbox"/> gre		14.17 Mbps	48.77 Mbps	62.93 Mbps
<input type="checkbox"/> esp		29.28 Mbps	7.99 Mbps	37.28 Mbps
<input type="checkbox"/> icmp		5.33 Mbps	7.42 Mbps	12.76 Mbps
<input type="checkbox"/> ipv6		3.15 Mbps	1.93 Mbps	5.07 Mbps
<input type="checkbox"/> ah		625.37 Kbps	1.05 Mbps	1.67 Mbps
<input type="checkbox"/> ipv6-icmp		109.35 Kbps	133.76 Kbps	243.11 Kbps
<input type="checkbox"/> sat-mon		0.00 bps	100.00 bps	100.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	205		0.00 bps	91.00 bps

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