

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

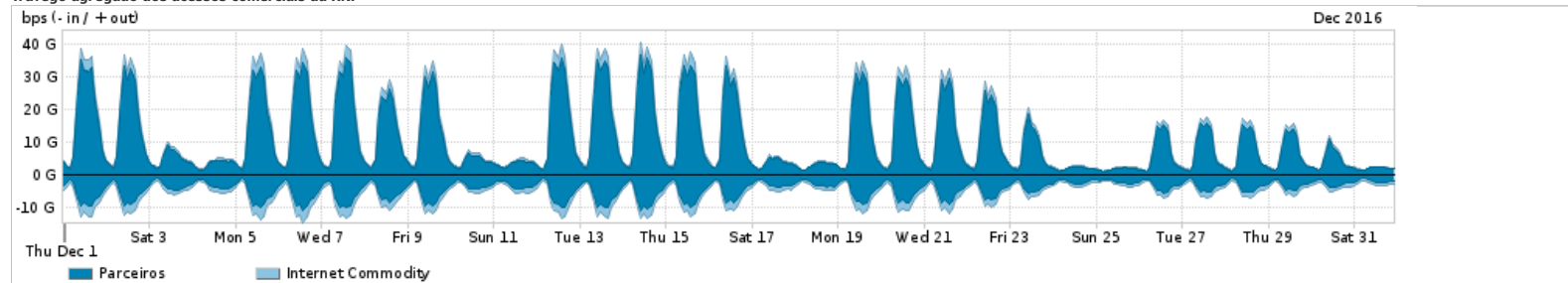
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

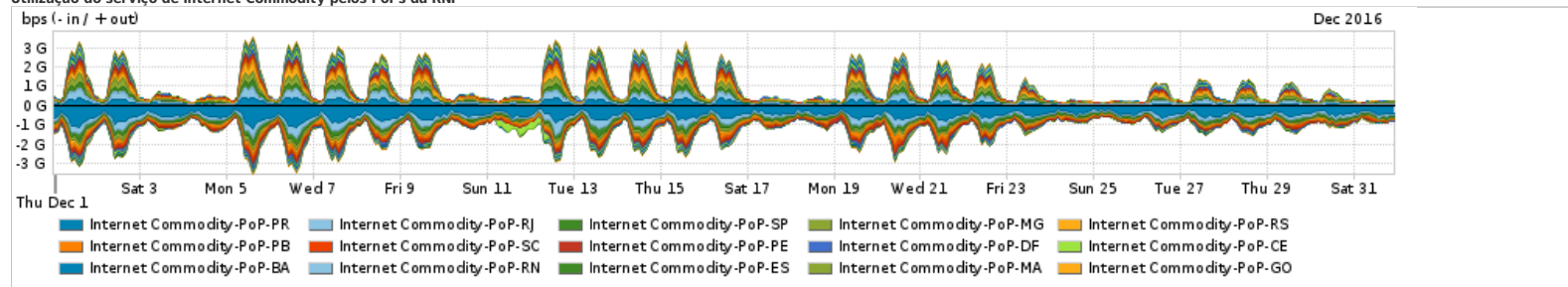
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input type="checkbox"/> Parceiros		4.53 Gbps	10.34 Gbps
<input type="checkbox"/> Internet Commodity		1.46 Gbps	1.17 Gbps
			14.87 Gbps
			2.63 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

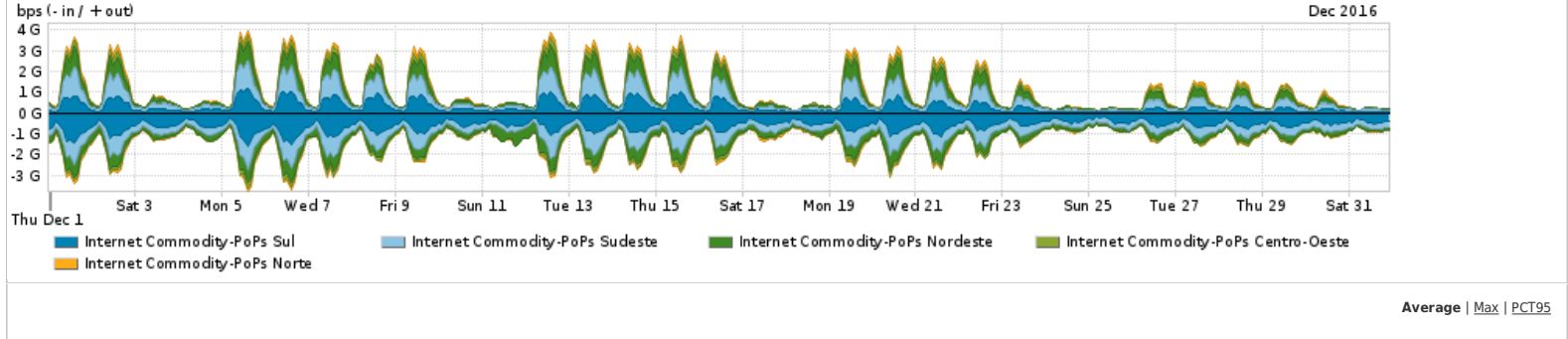


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/> Internet Commodity	PoP-PR	490.17 Mbps	102.28 Mbps	592.45 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RJ	175.52 Mbps	139.23 Mbps	314.75 Mbps
<input type="checkbox"/> Internet Commodity	PoP-SP	133.23 Mbps	82.85 Mbps	216.08 Mbps
<input type="checkbox"/> Internet Commodity	PoP-MG	75.54 Mbps	121.08 Mbps	196.61 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RS	48.75 Mbps	124.73 Mbps	173.49 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PB	104.99 Mbps	29.41 Mbps	134.40 Mbps
<input type="checkbox"/> Internet Commodity	PoP-SC	72.44 Mbps	51.00 Mbps	123.44 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PE	60.42 Mbps	43.36 Mbps	103.78 Mbps
<input type="checkbox"/> Internet Commodity	PoP-DF	45.96 Mbps	49.81 Mbps	95.77 Mbps
<input type="checkbox"/> Internet Commodity	PoP-CE	36.76 Mbps	46.24 Mbps	82.99 Mbps
<input type="checkbox"/> Internet Commodity	PoP-BA	23.81 Mbps	36.18 Mbps	59.98 Mbps

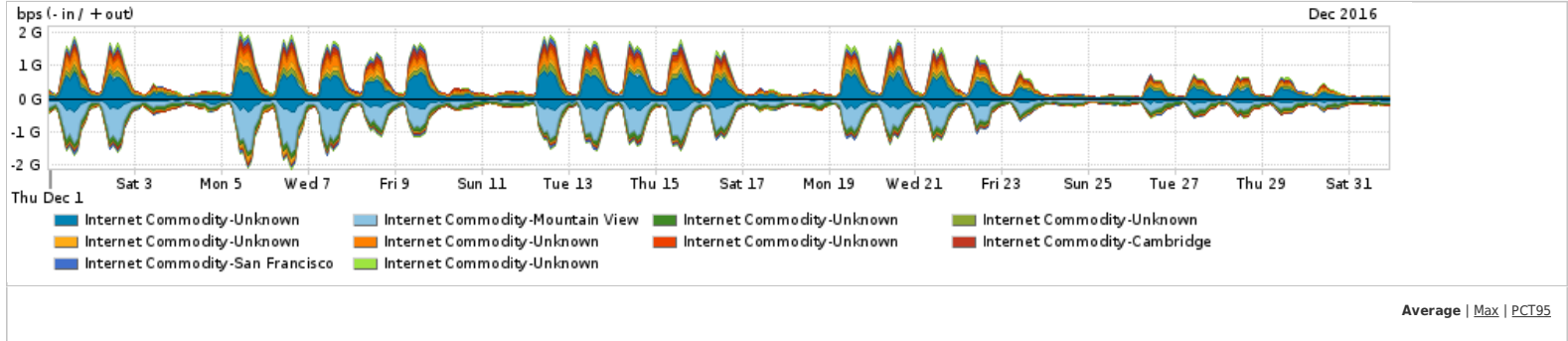
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	18.47 Mbps	39.25 Mbps	57.72 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	22.96 Mbps	23.98 Mbps	46.94 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	17.40 Mbps	28.00 Mbps	45.40 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	13.74 Mbps	23.19 Mbps	36.93 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	611.37 Mbps	278.01 Mbps	889.38 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	407.25 Mbps	367.13 Mbps	774.38 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	287.60 Mbps	262.98 Mbps	550.58 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	72.29 Mbps	94.89 Mbps	167.18 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	47.78 Mbps	77.30 Mbps	125.08 Mbps

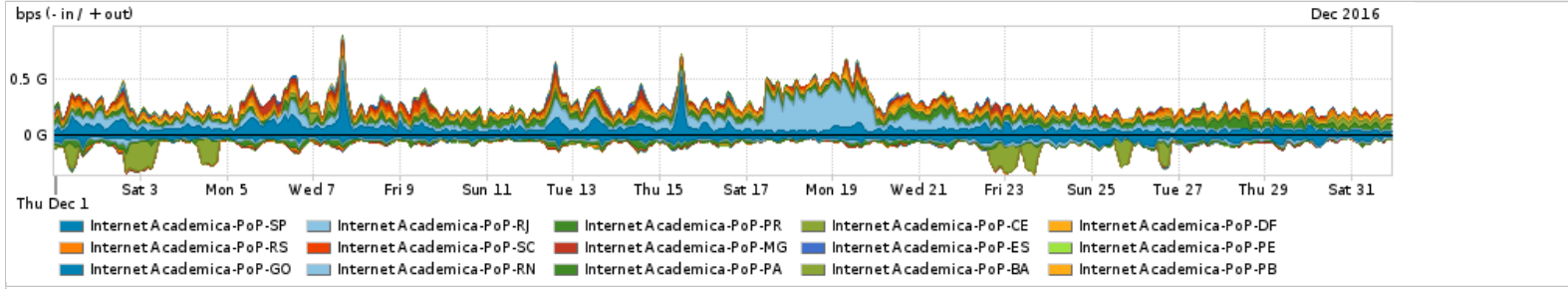
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	110.12 Mbps	215.17 Mbps	325.29 Mbps
<input type="checkbox"/>	Internet Commodity	Mountain View	245.41 Mbps	2.39 Mbps	247.80 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	81.55 Mbps	45.90 Kbps	81.59 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	12.92 Mbps	61.60 Mbps	74.53 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	16.49 Mbps	50.35 Mbps	66.84 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	3.94 Mbps	61.27 Mbps	65.21 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	19.25 Mbps	34.76 Mbps	54.01 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	11.95 Mbps	39.47 Mbps	51.42 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	18.68 Mbps	27.44 Mbps	46.13 Mbps

PROFILE	CITY	IN	OUT	TOTAL
Internet Commodity	Unknown	13.02 Mbps	32.90 Mbps	45.91 Mbps

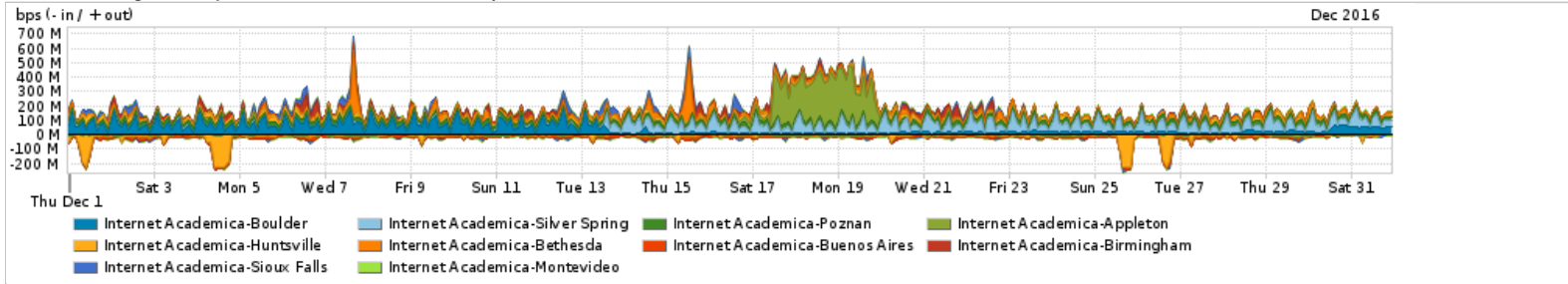
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
Internet Academica	PoP-SP	39.52 Mbps	59.52 Mbps	99.04 Mbps
Internet Academica	PoP-RJ	13.34 Mbps	65.82 Mbps	79.16 Mbps
Internet Academica	PoP-PR	19.61 Mbps	42.76 Mbps	62.36 Mbps
Internet Academica	PoP-CE	20.93 Mbps	15.82 Mbps	36.75 Mbps
Internet Academica	PoP-DF	1.87 Mbps	31.77 Mbps	33.64 Mbps
Internet Academica	PoP-RS	1.54 Mbps	15.63 Mbps	17.17 Mbps
Internet Academica	PoP-SC	1.82 Mbps	11.53 Mbps	13.35 Mbps
Internet Academica	PoP-MG	2.63 Mbps	9.74 Mbps	12.37 Mbps
Internet Academica	PoP-ES	315.97 Kbps	3.16 Mbps	3.48 Mbps
Internet Academica	PoP-PE	1.13 Mbps	2.13 Mbps	3.26 Mbps
Internet Academica	PoP-GO	327.84 Kbps	2.27 Mbps	2.60 Mbps
Internet Academica	PoP-RN	715.28 Kbps	1.83 Mbps	2.55 Mbps
Internet Academica	PoP-PA	100.02 Kbps	2.37 Mbps	2.47 Mbps
Internet Academica	PoP-BA	280.10 Kbps	1.66 Mbps	1.94 Mbps
Internet Academica	PoP-PB	428.32 Kbps	913.46 Kbps	1.34 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

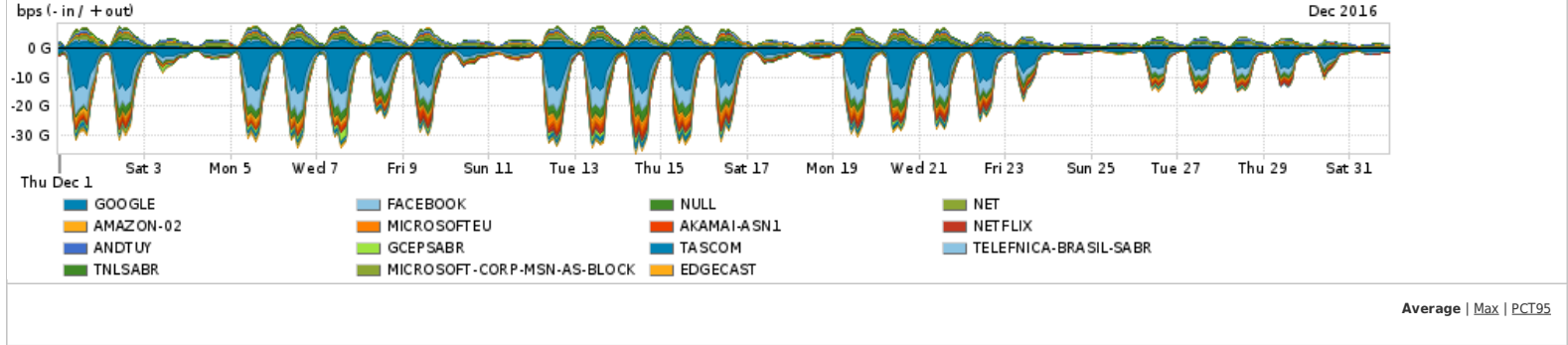


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL
Internet Academica	Boulder	818.34 Kbps	40.09 Mbps	40.91 Mbps
Internet Academica	Silver Spring	400.53 Kbps	34.49 Mbps	34.89 Mbps

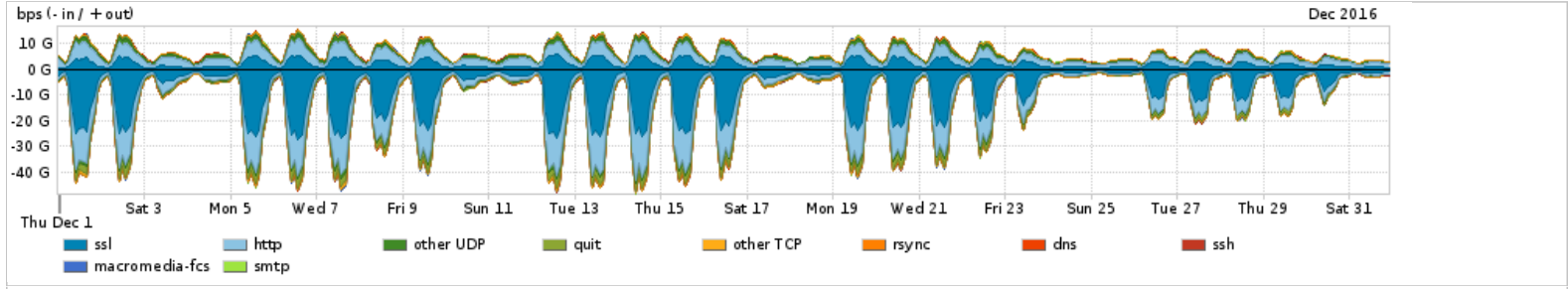
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Poznan	320.00 Kbps	28.84 Mbps	29.16 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	1.76 Mbps	25.99 Mbps	27.76 Mbps
<input type="checkbox"/>	Internet Academica	Huntsville	11.91 Mbps	14.28 Mbps	26.18 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	1.98 Mbps	19.74 Mbps	21.72 Mbps
<input type="checkbox"/>	Internet Academica	Buenos Aires	11.64 Mbps	331.70 Kbps	11.98 Mbps
<input type="checkbox"/>	Internet Academica	Birmingham	234.42 Kbps	11.57 Mbps	11.80 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.81 Mbps	8.59 Mbps	10.40 Mbps
<input type="checkbox"/>	Internet Academica	Montevideo	4.26 Mbps	5.59 Mbps	9.85 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	4.29 Gbps	805.04 Mbps	5.09 Gbps
<input type="checkbox"/>	FACEBOOK	32934	1.80 Gbps	144.84 Mbps	1.94 Gbps
<input type="checkbox"/>	NULL	0	868.48 Mbps	247.37 Mbps	1.12 Gbps
<input type="checkbox"/>	NET	28573	109.08 Mbps	709.45 Mbps	818.53 Mbps
<input type="checkbox"/>	AMAZON-02	16509	387.91 Mbps	118.54 Mbps	506.45 Mbps
<input type="checkbox"/>	MICROSOFTU	8068	406.76 Mbps	79.05 Mbps	485.81 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	413.34 Mbps	15.81 Mbps	429.15 Mbps
<input type="checkbox"/>	NETFLIX	2906	392.29 Mbps	5.69 Mbps	397.99 Mbps
<input type="checkbox"/>	ANDTUY	6057	8.43 Mbps	364.47 Mbps	372.90 Mbps
<input type="checkbox"/>	GCEPSABR	28604	310.22 Mbps	15.07 Mbps	325.29 Mbps
<input type="checkbox"/>	TASCOM	52871	312.12 Mbps	5.14 Mbps	317.25 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SABR	27699	64.45 Mbps	243.06 Mbps	307.51 Mbps
<input type="checkbox"/>	TNLSABR	7738	37.51 Mbps	257.72 Mbps	295.24 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	131.07 Mbps	140.71 Mbps	271.78 Mbps
<input type="checkbox"/>	EDGECAST	15133	265.08 Mbps	5.84 Mbps	270.92 Mbps

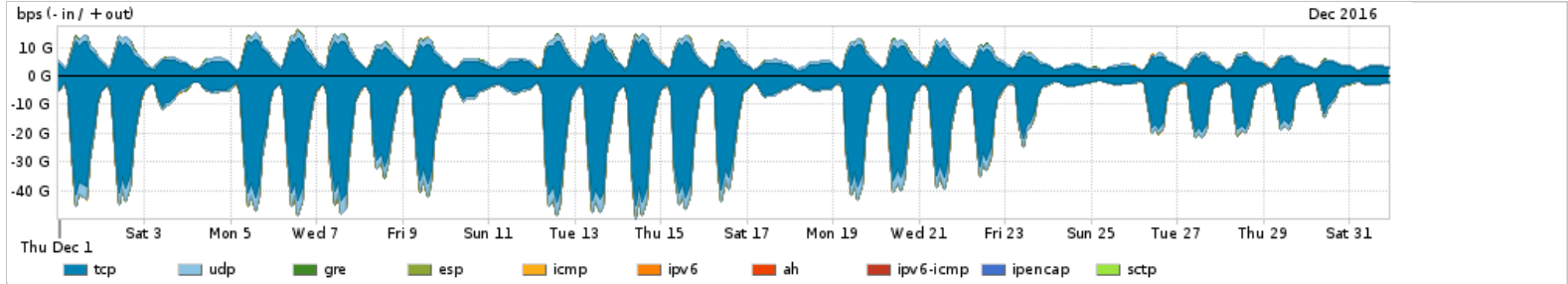
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> ssl		7.63 Gbps	1.73 Gbps	9.37 Gbps
<input type="checkbox"/> http		4.28 Gbps	2.90 Gbps	7.18 Gbps
<input type="checkbox"/> other UDP		432.83 Mbps	843.71 Mbps	1.28 Gbps
<input type="checkbox"/> quit		959.00 Mbps	121.27 Mbps	1.08 Gbps
<input type="checkbox"/> other TCP		510.45 Mbps	454.80 Mbps	965.26 Mbps
<input type="checkbox"/> rsync		63.17 Mbps	47.42 Mbps	110.59 Mbps
<input type="checkbox"/> dns		28.39 Mbps	55.88 Mbps	84.27 Mbps
<input type="checkbox"/> ssh		30.62 Mbps	39.89 Mbps	70.51 Mbps
<input type="checkbox"/> macromedia-fcs		45.12 Mbps	15.36 Mbps	60.48 Mbps
<input type="checkbox"/> smtp		29.27 Mbps	30.96 Mbps	60.23 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		12.86 Gbps	5.39 Gbps	18.25 Gbps
<input type="checkbox"/> udp		1.48 Gbps	1.07 Gbps	2.55 Gbps
<input type="checkbox"/> gre		24.05 Mbps	65.68 Mbps	89.74 Mbps
<input type="checkbox"/> esp		18.95 Mbps	13.17 Mbps	32.13 Mbps
<input type="checkbox"/> icmp		7.33 Mbps	10.21 Mbps	17.54 Mbps
<input type="checkbox"/> ipv6		1.34 Mbps	477.46 Kbps	1.81 Mbps
<input type="checkbox"/> ah		684.47 Kbps	174.59 Kbps	859.07 Kbps
<input type="checkbox"/> ipv6-icmp		197.46 Kbps	205.62 Kbps	403.08 Kbps
<input type="checkbox"/> ipencap		1.59 Kbps	4.07 Kbps	5.65 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	sctp		749.00 bps	751.00 bps

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