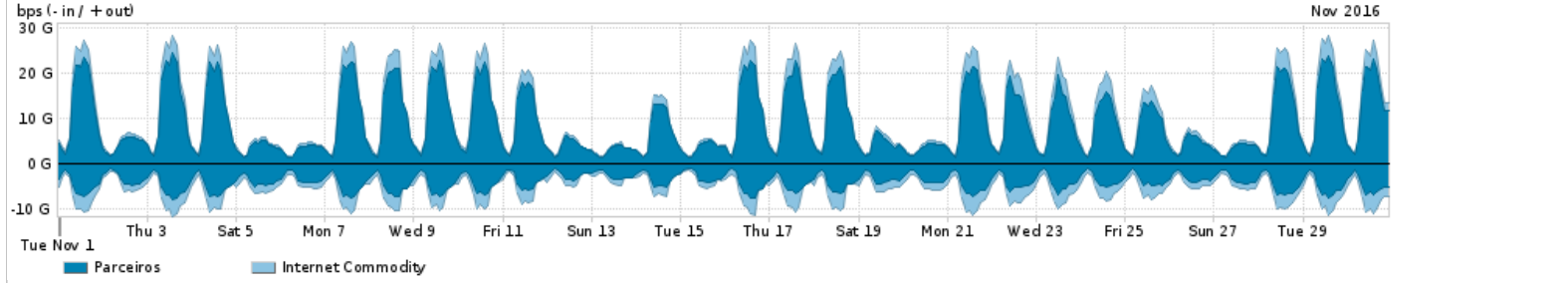


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

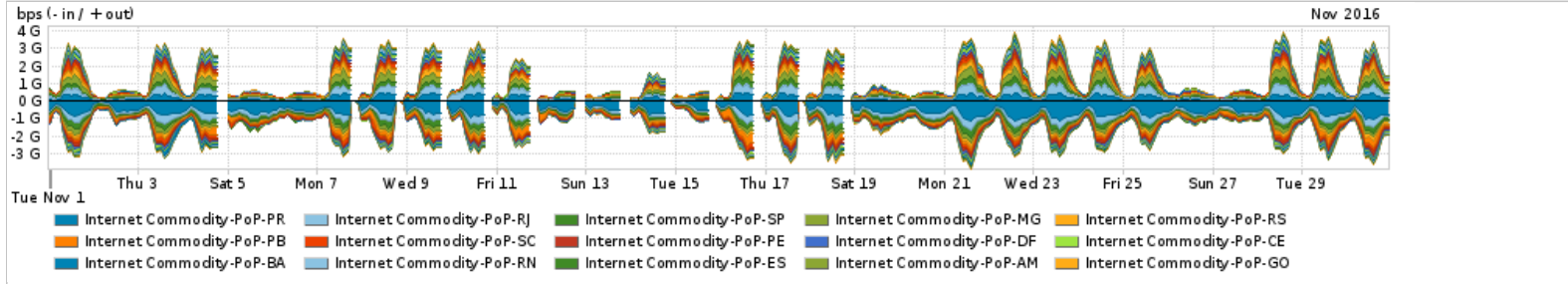
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		4.05 Gbps	8.72 Gbps	12.78 Gbps
<input type="checkbox"/> Internet Commodity		1.61 Gbps	1.37 Gbps	2.98 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

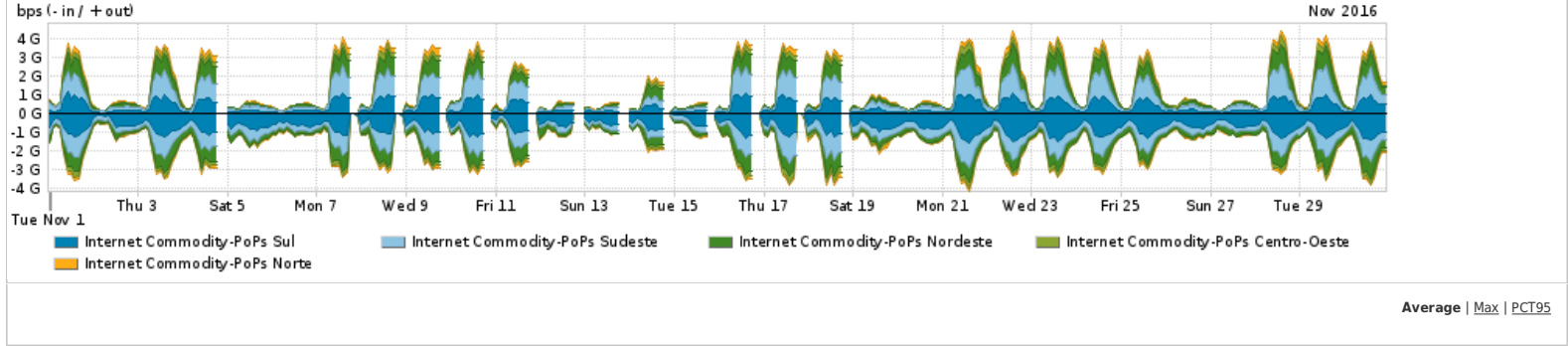


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-PR	502.67 Mbps	136.09 Mbps	638.76 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	186.57 Mbps	164.77 Mbps	351.34 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SP	145.33 Mbps	105.65 Mbps	250.98 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	89.97 Mbps	159.32 Mbps	249.30 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	62.47 Mbps	124.58 Mbps	187.05 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	122.63 Mbps	33.86 Mbps	156.49 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	83.03 Mbps	73.43 Mbps	156.46 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	57.64 Mbps	49.34 Mbps	106.98 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	53.07 Mbps	53.15 Mbps	106.22 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	34.35 Mbps	52.94 Mbps	87.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	34.47 Mbps	40.63 Mbps	75.09 Mbps

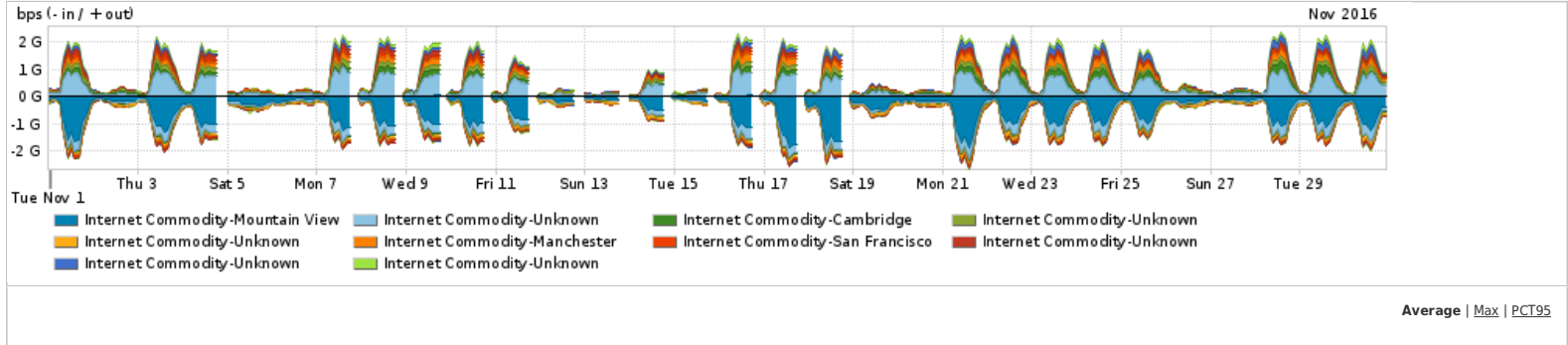
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	21.19 Mbps	49.29 Mbps	70.48 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	29.64 Mbps	26.76 Mbps	56.40 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-AM	23.95 Mbps	28.38 Mbps	52.33 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	21.25 Mbps	28.61 Mbps	49.86 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	648.17 Mbps	334.10 Mbps	982.28 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	451.52 Mbps	456.50 Mbps	908.02 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	322.12 Mbps	298.69 Mbps	620.82 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	88.55 Mbps	104.41 Mbps	192.96 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	60.09 Mbps	89.27 Mbps	149.36 Mbps

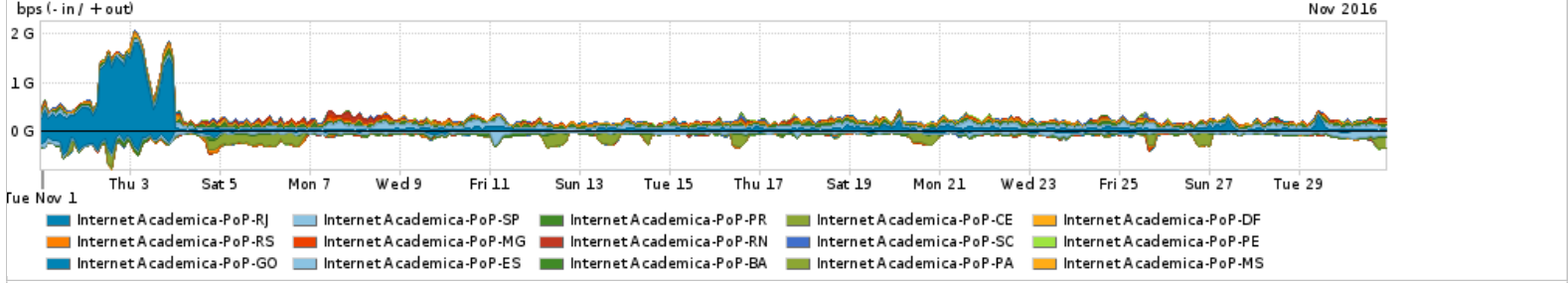
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Mountain View	405.17 Mbps	2.27 Mbps	407.44 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	122.65 Mbps	268.13 Mbps	390.78 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	16.33 Mbps	65.92 Mbps	82.25 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	10.29 Mbps	68.85 Mbps	79.14 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	73.29 Mbps	82.60 Kbps	73.37 Mbps
<input type="checkbox"/>	Internet Commodity	Manchester	3.04 Mbps	65.01 Mbps	68.05 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	24.02 Mbps	42.97 Mbps	66.99 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	20.52 Mbps	43.71 Mbps	64.23 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	3.74 Mbps	58.06 Mbps	61.81 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	14.64 Mbps	43.82 Mbps	58.46 Mbps

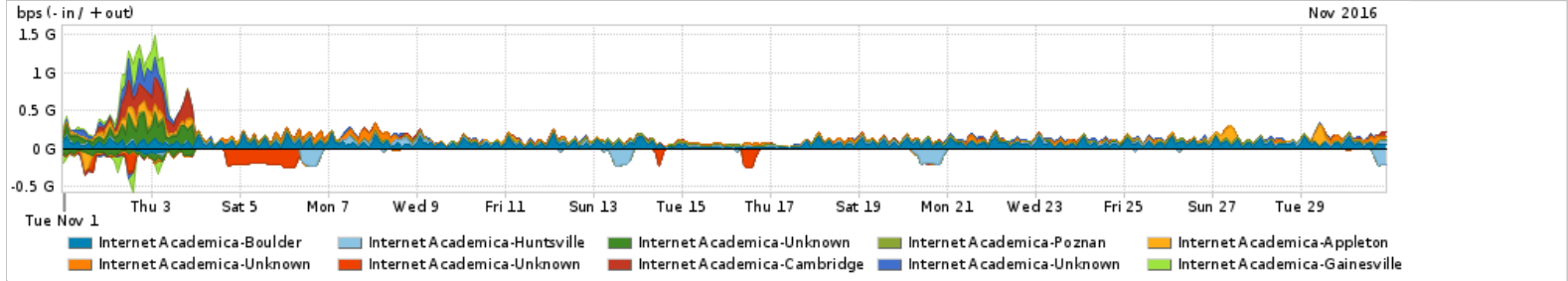
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	PoP-RJ	35.30 Mbps	125.94 Mbps	161.24 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SP	41.33 Mbps	55.74 Mbps	97.07 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PR	22.50 Mbps	35.68 Mbps	58.18 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-CE	37.70 Mbps	4.29 Mbps	41.99 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	1.40 Mbps	26.88 Mbps	28.28 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	3.76 Mbps	13.04 Mbps	16.80 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	4.45 Mbps	10.98 Mbps	15.44 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	381.44 Kbps	10.90 Mbps	11.28 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	1.68 Mbps	8.97 Mbps	10.65 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.26 Mbps	2.97 Mbps	4.23 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	772.82 Kbps	2.23 Mbps	3.00 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	461.06 Kbps	2.46 Mbps	2.92 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	231.27 Kbps	1.38 Mbps	1.61 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	408.48 Kbps	1.03 Mbps	1.44 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MS	94.24 Kbps	1.05 Mbps	1.15 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

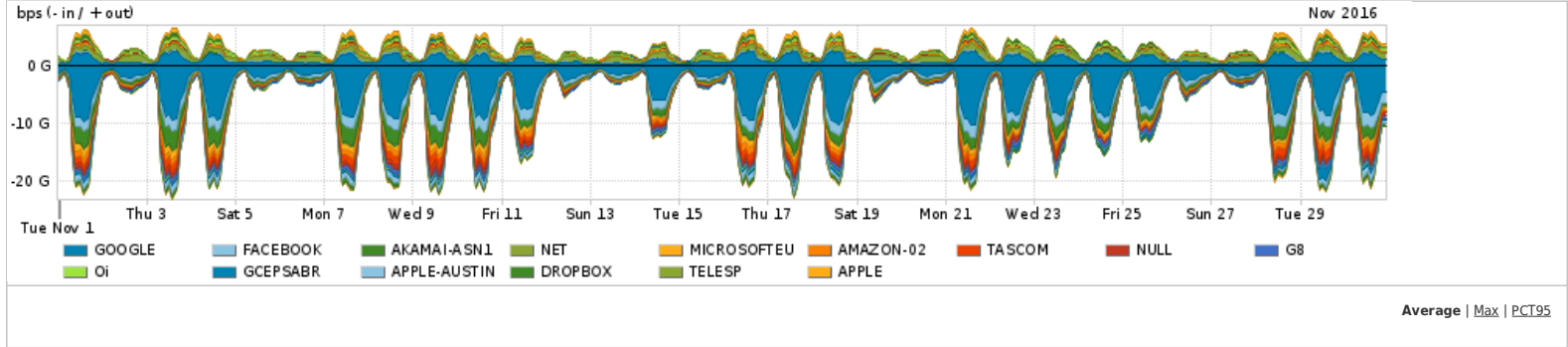


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Acadêmica	Boulder	2.19 Mbps	57.05 Mbps	59.24 Mbps
<input type="checkbox"/>	Internet Acadêmica	Huntsville	14.37 Mbps	9.94 Mbps	24.31 Mbps

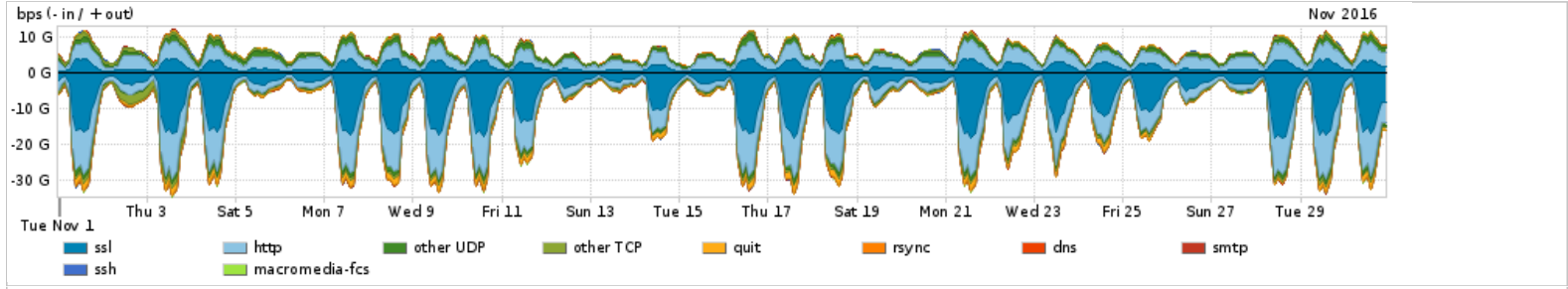
PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Academica	Unknown	6.18 Mbps	15.81 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	263.57 Kbps	21.37 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	3.07 Mbps	16.38 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	2.05 Mbps	16.47 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	17.01 Mbps	823.79 Kbps
<input type="checkbox"/>	Internet Academica	Cambridge	1.71 Mbps	16.04 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	383.41 Kbps	14.37 Mbps
<input type="checkbox"/>	Internet Academica	Gainesville	2.58 Mbps	9.92 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	3.68 Gbps	837.65 Mbps
<input type="checkbox"/>	FACEBOOK	32934	885.38 Mbps	76.08 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	831.35 Mbps	31.36 Mbps
<input type="checkbox"/>	NET	28573	115.46 Mbps	698.42 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	387.44 Mbps	61.34 Mbps
<input type="checkbox"/>	AMAZON-02	16509	306.13 Mbps	107.83 Mbps
<input type="checkbox"/>	TASCOM	52871	372.32 Mbps	4.80 Mbps
<input type="checkbox"/>	NULL	0	304.84 Mbps	68.89 Mbps
<input type="checkbox"/>	G8	28329	324.74 Mbps	4.71 Mbps
<input type="checkbox"/>	Oi	7738	45.21 Mbps	267.24 Mbps
<input type="checkbox"/>	GCEPSABR	28604	269.39 Mbps	20.80 Mbps
<input type="checkbox"/>	APPLE-AUSTIN	6185	281.38 Mbps	5.11 Mbps
<input type="checkbox"/>	DROPBOX	19679	178.51 Mbps	100.75 Mbps
<input type="checkbox"/>	TELESP	27699	57.84 Mbps	217.90 Mbps
<input type="checkbox"/>	APPLE	714	65.02 Mbps	207.76 Mbps

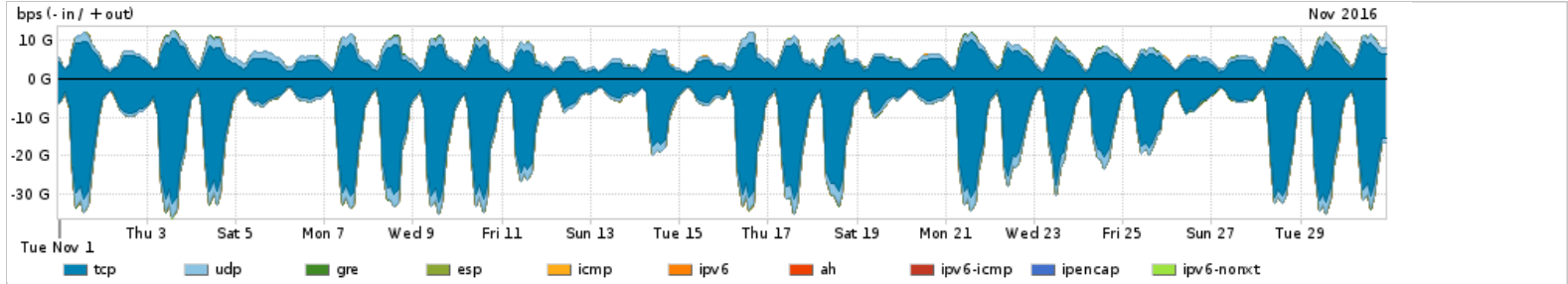
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
ssl		6.41 Gbps	1.38 Gbps	7.80 Gbps
http		4.14 Gbps	2.81 Gbps	6.96 Gbps
other UDP		439.20 Mbps	887.78 Mbps	1.33 Gbps
other TCP		583.68 Mbps	460.30 Mbps	1.04 Gbps
quit		727.95 Mbps	137.37 Mbps	865.32 Mbps
rsync		80.64 Mbps	32.48 Mbps	113.13 Mbps
dns		25.92 Mbps	48.10 Mbps	74.01 Mbps
smtp		30.96 Mbps	29.24 Mbps	60.20 Mbps
ssh		30.47 Mbps	28.49 Mbps	58.96 Mbps
macromedia-fcs		34.72 Mbps	15.42 Mbps	50.15 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
tcp		11.61 Gbps	4.91 Gbps	16.52 Gbps
udp		1.25 Gbps	1.13 Gbps	2.38 Gbps
gre		24.26 Mbps	78.81 Mbps	103.06 Mbps
esp		19.38 Mbps	11.86 Mbps	31.24 Mbps
icmp		5.00 Mbps	7.52 Mbps	12.51 Mbps
ipv6		1.08 Mbps	223.50 Kbps	1.30 Mbps
ah		604.77 Kbps	165.43 Kbps	770.20 Kbps
ipv6-icmp		133.90 Kbps	178.44 Kbps	312.34 Kbps
ipencap		1.50 Kbps	5.34 Kbps	6.85 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt		384.00 bps	0.00 bps 384.00 bps

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