

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

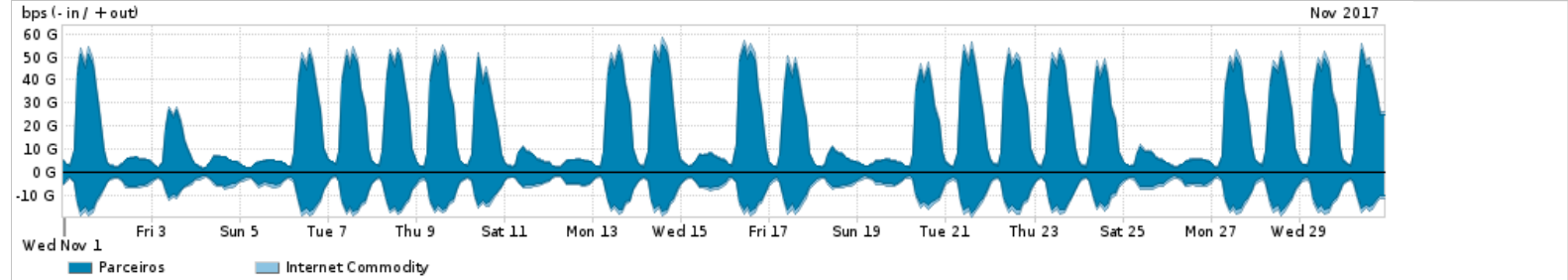
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

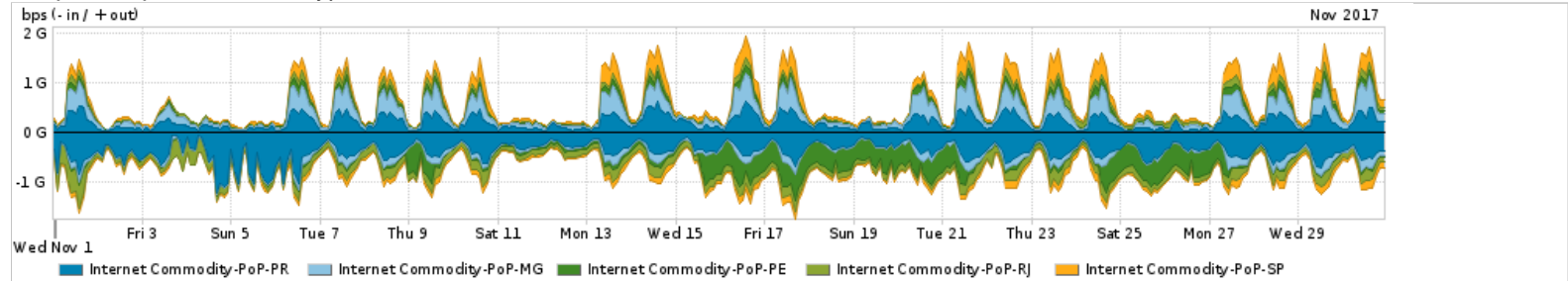
**Tráfego agregado dos acessos comerciais da RNP**



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	7.78 Gbps	18.62 Gbps	26.41 Gbps
<input checked="" type="checkbox"/> Internet Commodity	1.22 Gbps	1.14 Gbps	2.36 Gbps

**Utilização do serviço de Internet Commodity pelos PoPs da RNP**

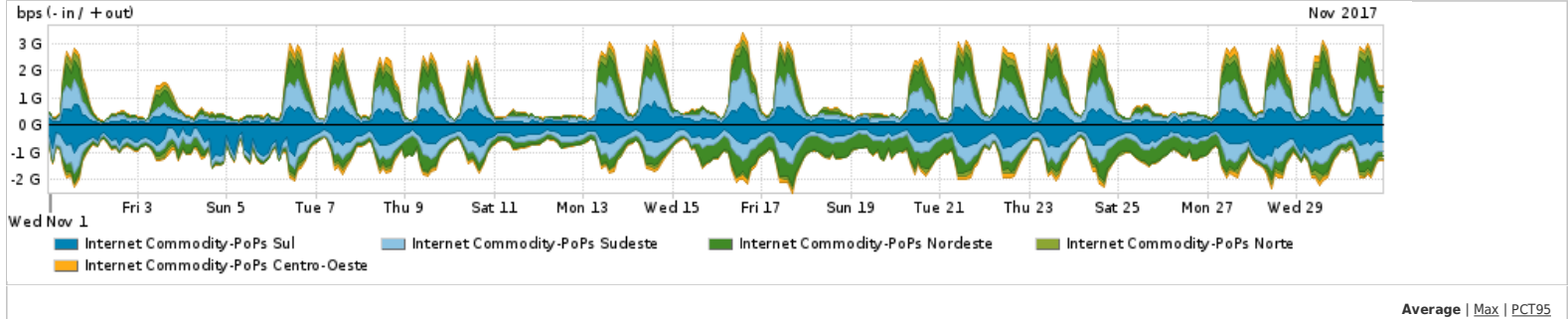


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet Commodity	PoP-PR	388.22 Mbps	187.34 Mbps	575.56 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-MG	69.31 Mbps	182.36 Mbps	251.66 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-PE	159.60 Mbps	48.22 Mbps	207.82 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-RJ	142.24 Mbps	53.20 Mbps	195.45 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-SP	67.27 Mbps	122.68 Mbps	189.95 Mbps
<input type="checkbox"/> Internet Commodity	PoP-SC	80.11 Mbps	46.88 Mbps	126.99 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RS	34.35 Mbps	52.46 Mbps	86.81 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PB	47.36 Mbps	39.02 Mbps	86.38 Mbps
<input type="checkbox"/> Internet Commodity	PoP-CE	26.33 Mbps	55.74 Mbps	82.07 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PA	23.05 Mbps	41.71 Mbps	64.77 Mbps
<input type="checkbox"/> Internet Commodity	PoP-DF	38.61 Mbps	19.85 Mbps	58.47 Mbps

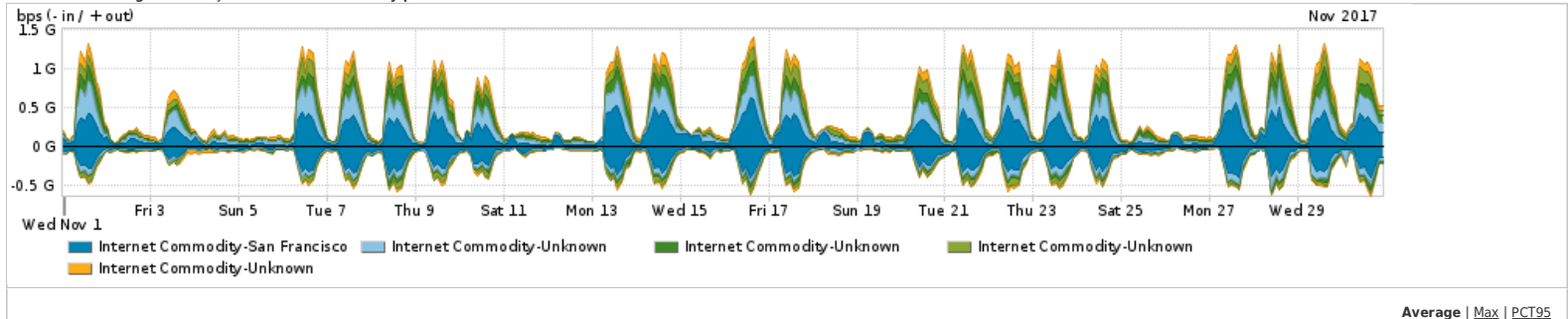
	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-ES	23.04 Mbps	25.23 Mbps	48.27 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	15.47 Mbps	32.75 Mbps	48.22 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	18.91 Mbps	28.51 Mbps	47.42 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	13.32 Mbps	33.06 Mbps	46.39 Mbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	502.69 Mbps	286.67 Mbps	789.36 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	301.86 Mbps	383.47 Mbps	685.33 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	299.90 Mbps	275.48 Mbps	575.39 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	45.93 Mbps	99.95 Mbps	145.88 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	63.50 Mbps	80.19 Mbps	143.69 Mbps

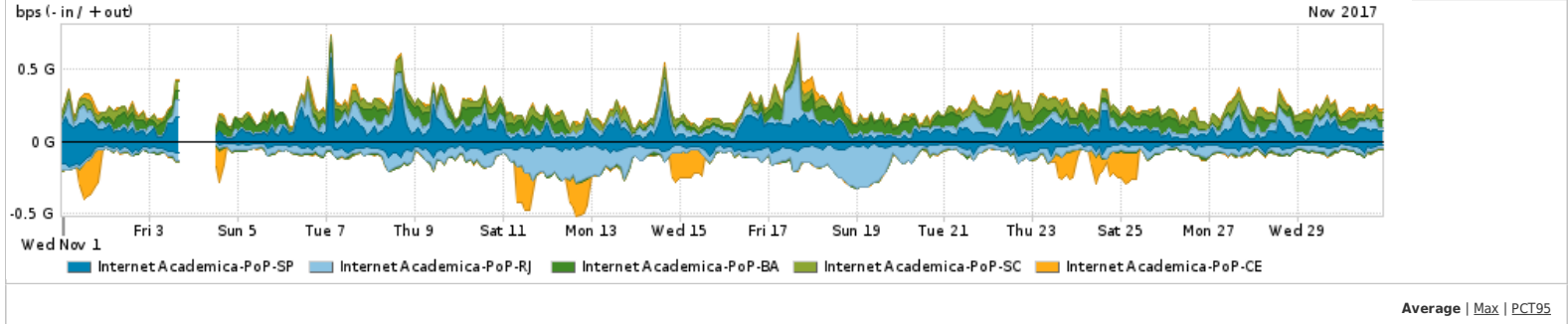
Interesse de tráfego do serviço de Internet Commodity por cidade



	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	112.38 Mbps	146.29 Mbps	258.67 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	33.70 Mbps	112.23 Mbps	145.93 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	17.26 Mbps	70.08 Mbps	87.35 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	21.12 Mbps	56.64 Mbps	77.76 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	15.55 Mbps	54.19 Mbps	69.74 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	8.51 Mbps	43.31 Mbps	51.81 Mbps
<input type="checkbox"/>	Internet Commodity	Hangzhou	34.81 Mbps	843.10 Kbps	35.66 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	4.49 Mbps	30.64 Mbps	35.13 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	33.84 Mbps	1.11 Mbps	34.94 Mbps

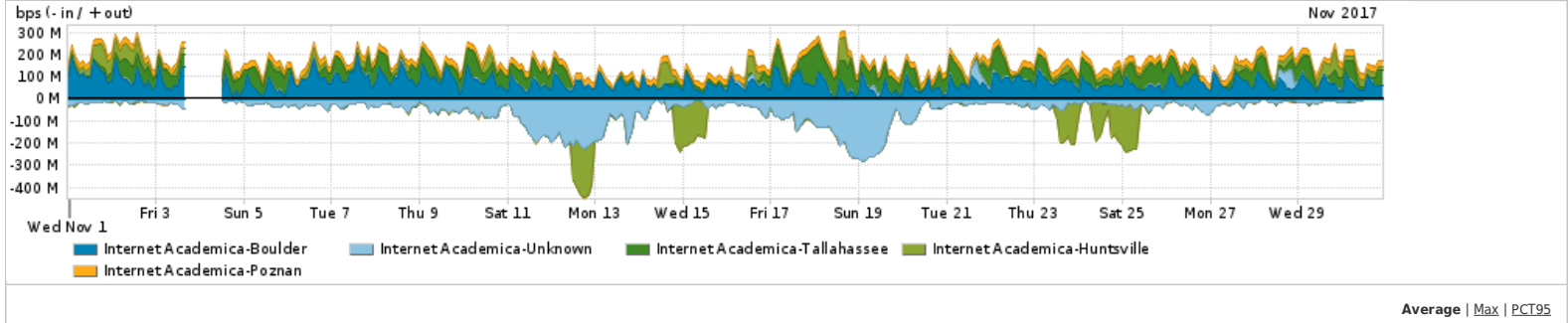
PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/> Internet Commodity	Unknown	2.49 Mbps	31.44 Mbps	33.94 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet Acadêmica	PoP-SP	42.97 Mbps	81.47 Mbps	124.44 Mbps
<input checked="" type="checkbox"/> Internet Acadêmica	PoP-RJ	64.55 Mbps	42.59 Mbps	107.14 Mbps
<input checked="" type="checkbox"/> Internet Acadêmica	PoP-BA	3.36 Mbps	48.59 Mbps	51.95 Mbps
<input checked="" type="checkbox"/> Internet Acadêmica	PoP-SC	3.05 Mbps	44.09 Mbps	47.14 Mbps
<input checked="" type="checkbox"/> Internet Acadêmica	PoP-CE	25.17 Mbps	9.99 Mbps	35.17 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-DF	2.26 Mbps	32.20 Mbps	34.46 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-PR	13.47 Mbps	18.40 Mbps	31.87 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-RS	1.80 Mbps	19.98 Mbps	21.78 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-MG	2.51 Mbps	16.06 Mbps	18.56 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-PA	843.97 Kbps	10.52 Mbps	11.37 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-PE	1.38 Mbps	8.23 Mbps	9.61 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-RN	486.47 Kbps	7.79 Mbps	8.28 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-ES	1.11 Mbps	4.05 Mbps	5.16 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-PB	783.10 Kbps	2.61 Mbps	3.39 Mbps
<input type="checkbox"/> Internet Acadêmica	PoP-GO	415.16 Kbps	2.46 Mbps	2.88 Mbps

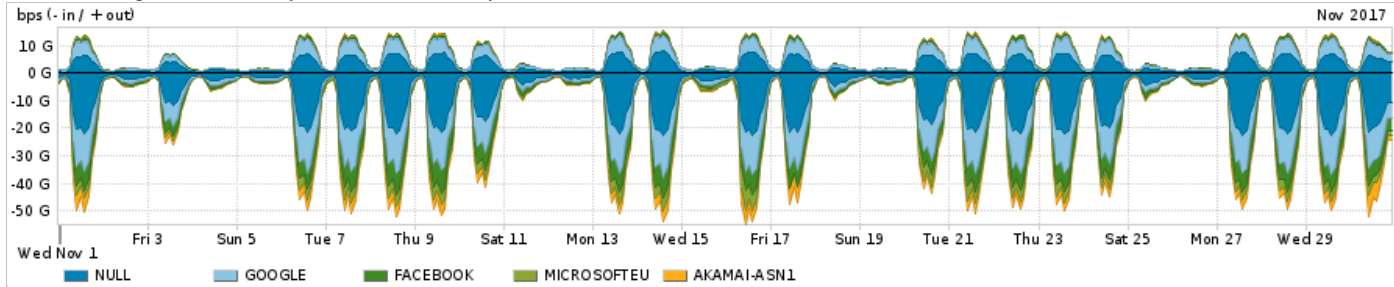
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet Acadêmica	Boulder	1.08 Mbps	68.79 Mbps	69.87 Mbps
<input checked="" type="checkbox"/> Internet Acadêmica	Unknown	53.16 Mbps	3.45 Mbps	56.61 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Tallahassee	326.34 Kbps	45.18 Mbps	45.51 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Huntsville	16.13 Mbps	13.31 Mbps	29.44 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Poznan	167.18 Kbps	25.75 Mbps	25.91 Mbps
<input type="checkbox"/>	Internet Academica	New Orleans	11.39 Mbps	12.51 Mbps	23.90 Mbps
<input type="checkbox"/>	Internet Academica	Montgomery Village	397.61 Kbps	23.34 Mbps	23.74 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	2.01 Mbps	19.50 Mbps	21.50 Mbps
<input type="checkbox"/>	Internet Academica	Cambridge	526.74 Kbps	8.83 Mbps	9.36 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	532.03 Kbps	8.00 Mbps	8.53 Mbps

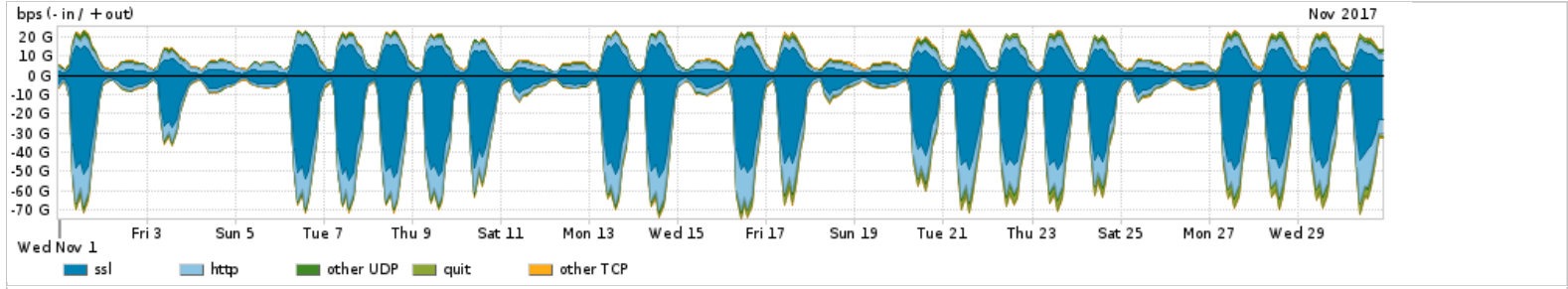
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	7.49 Gbps	2.70 Gbps	10.19 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	4.82 Gbps	2.26 Gbps	7.08 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.66 Gbps	267.66 Mbps	2.93 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.46 Gbps	276.34 Mbps	1.74 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.28 Gbps	39.36 Mbps	1.32 Gbps
<input type="checkbox"/>	CLARO	28573	143.51 Mbps	807.27 Mbps	950.79 Mbps
<input type="checkbox"/>	NETFLIX	2906	822.46 Mbps	21.69 Mbps	844.15 Mbps
<input type="checkbox"/>	AMAZON-02	16509	630.87 Mbps	184.46 Mbps	815.34 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	507.52 Mbps	19.19 Mbps	526.71 Mbps
<input type="checkbox"/>	APPLE	714	167.28 Mbps	345.92 Mbps	513.20 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	167.51 Mbps	241.77 Mbps	409.29 Mbps
<input type="checkbox"/>	DROPBOX	19679	214.26 Mbps	117.76 Mbps	332.02 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SA-BR	27699	76.52 Mbps	252.44 Mbps	328.96 Mbps
<input type="checkbox"/>	EDGECAST	15133	303.22 Mbps	11.21 Mbps	314.43 Mbps
<input type="checkbox"/>	TNLSA-BR	7738	35.47 Mbps	253.30 Mbps	288.77 Mbps

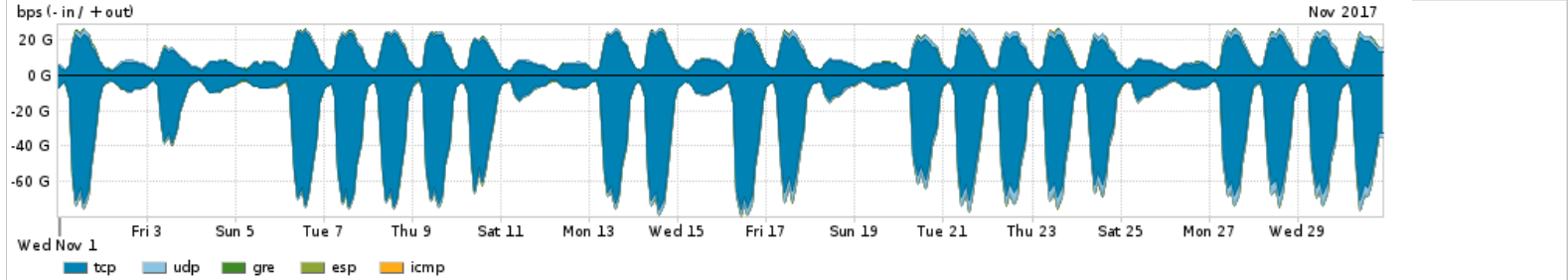
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	ssl	17.65 Gbps	6.03 Gbps	23.69 Gbps
<input checked="" type="checkbox"/>	http	5.59 Gbps	2.94 Gbps	8.53 Gbps
<input checked="" type="checkbox"/>	other UDP	517.04 Mbps	718.63 Mbps	1.24 Gbps
<input checked="" type="checkbox"/>	quit	959.11 Mbps	265.58 Mbps	1.22 Gbps
<input checked="" type="checkbox"/>	other TCP	562.20 Mbps	572.64 Mbps	1.13 Gbps
<input type="checkbox"/>	rsync	114.13 Mbps	43.34 Mbps	157.47 Mbps
<input type="checkbox"/>	ssh	52.84 Mbps	45.03 Mbps	97.87 Mbps
<input type="checkbox"/>	dns	31.90 Mbps	43.21 Mbps	75.11 Mbps
<input type="checkbox"/>	smtp	32.76 Mbps	39.55 Mbps	72.31 Mbps
<input type="checkbox"/>	ntp	8.09 Mbps	49.72 Mbps	57.80 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp	25.49 Gbps	10.68 Gbps	36.16 Gbps
<input checked="" type="checkbox"/>	udp	1.63 Gbps	1.14 Gbps	2.77 Gbps
<input checked="" type="checkbox"/>	gre	19.58 Mbps	124.44 Mbps	144.02 Mbps
<input checked="" type="checkbox"/>	esp	74.27 Mbps	17.87 Mbps	92.14 Mbps
<input checked="" type="checkbox"/>	icmp	7.25 Mbps	10.69 Mbps	17.93 Mbps
<input type="checkbox"/>	ipv6	2.50 Mbps	1.32 Mbps	3.82 Mbps
<input type="checkbox"/>	ipv6-icmp	1.51 Mbps	2.16 Mbps	3.67 Mbps
<input type="checkbox"/>	255	1.00 bps	34.88 Kbps	34.88 Kbps
<input type="checkbox"/>	ipencap	18.44 Kbps	14.15 Kbps	32.59 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	gpp	1.71 Kbps	0.00 bps	1.71 Kbps

For assistance with this product, please contact support at <https://support.arbornetworks.com>