

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

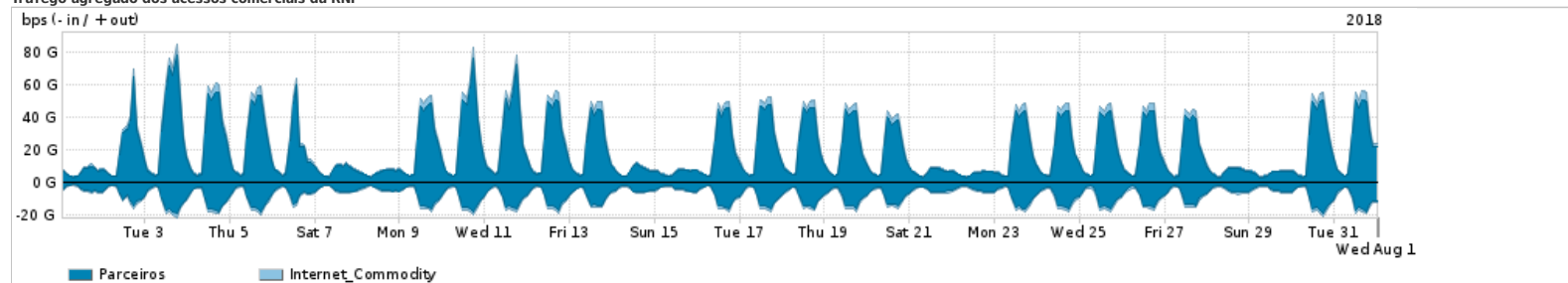
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes

ASN - Número do sistema autônomo

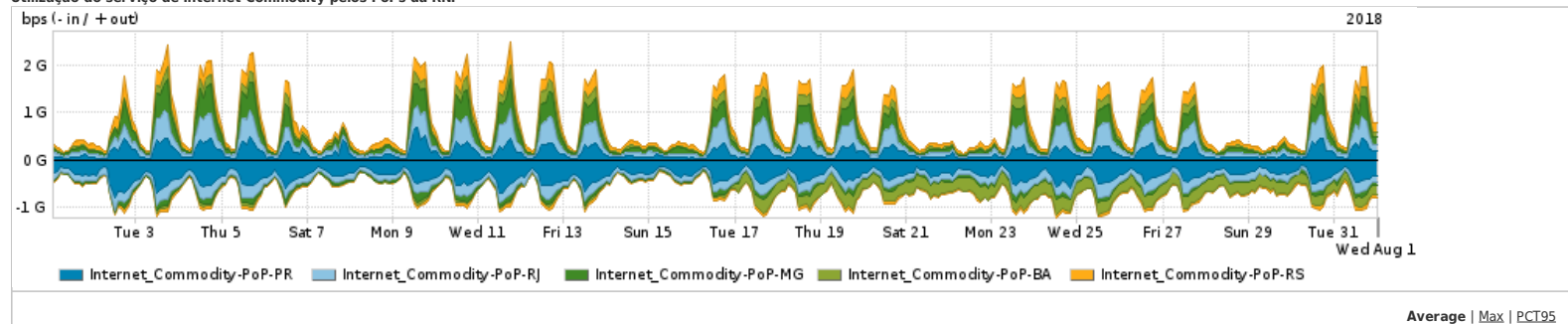
Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

Tráfego agregado dos acessos comerciais da RNP



PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	8.15 Gbps	18.80 Gbps	26.96 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.12 Gbps	1.87 Gbps	3.00 Gbps

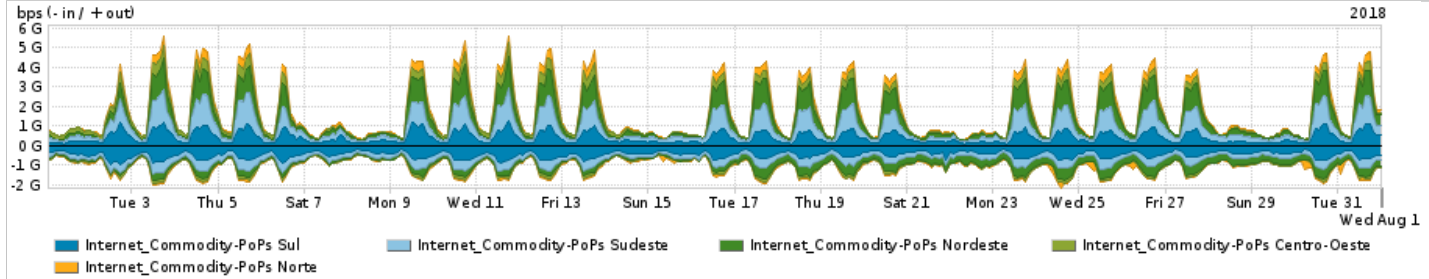
Utilização do serviço de Internet Commodity pelos PoPs da RNP



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	341.48 Mbps	142.65 Mbps	484.13 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RJ	147.05 Mbps	187.78 Mbps	334.83 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	54.36 Mbps	180.66 Mbps	235.02 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-BA	123.83 Mbps	82.68 Mbps	206.51 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RS	36.32 Mbps	155.24 Mbps	191.56 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-SC	75.22 Mbps	109.50 Mbps	184.71 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-SP	61.20 Mbps	122.41 Mbps	183.61 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-DF	51.18 Mbps	83.67 Mbps	134.85 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	40.26 Mbps	77.91 Mbps	118.17 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PB	28.13 Mbps	71.87 Mbps	100.00 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PA	9.93 Mbps	74.53 Mbps	84.46 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-CE	14.19 Mbps	63.64 Mbps	77.84 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-RN	12.66 Mbps	60.45 Mbps	73.11 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-MT	7.47 Mbps	60.89 Mbps	68.37 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-MA	13.01 Mbps	47.21 Mbps	60.22 Mbps

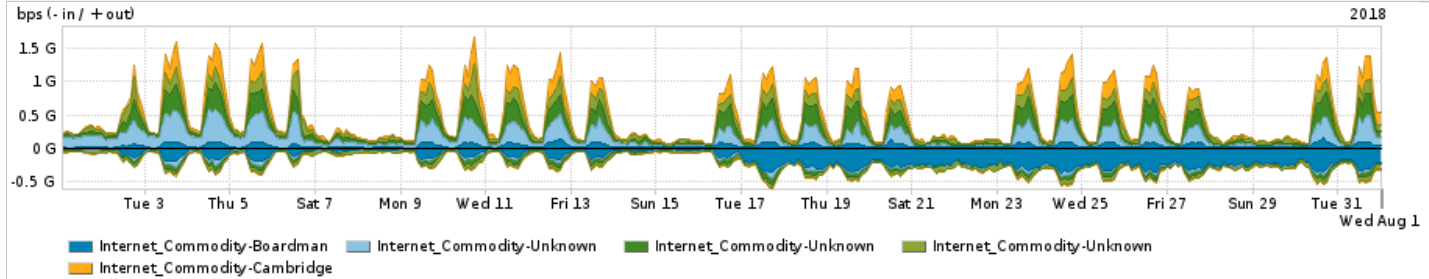
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	453.01 Mbps	407.39 Mbps	860.40 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sudeste	282.79 Mbps	518.63 Mbps	801.42 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	252.30 Mbps	476.53 Mbps	728.83 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	75.43 Mbps	204.61 Mbps	280.04 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	46.81 Mbps	154.97 Mbps	201.78 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

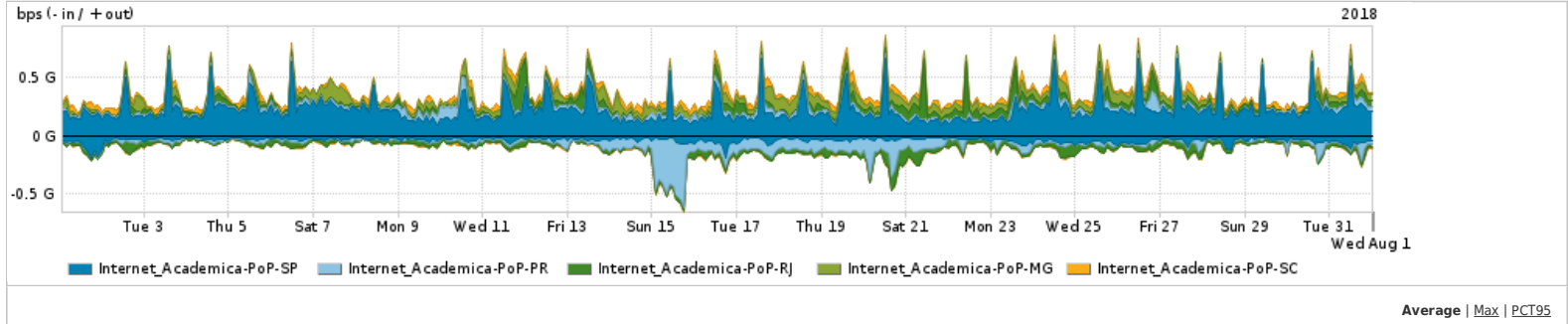


Average | Max | PCT95

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	Boardman	156.99 Mbps	31.84 Mbps	188.83 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	14.69 Mbps	137.81 Mbps	152.51 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	27.94 Mbps	117.65 Mbps	145.60 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	38.67 Mbps	89.55 Mbps	128.22 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Cambridge	11.81 Mbps	102.80 Mbps	114.61 Mbps
<input type="checkbox"/>	Internet_Commodity	Ashburn	8.92 Mbps	104.40 Mbps	113.32 Mbps
<input type="checkbox"/>	Internet_Commodity	Unknown	15.01 Mbps	90.48 Mbps	105.49 Mbps
<input type="checkbox"/>	Internet_Commodity	Seattle	8.17 Mbps	77.92 Mbps	86.10 Mbps
<input type="checkbox"/>	Internet_Commodity	Unknown	8.86 Mbps	69.08 Mbps	77.94 Mbps

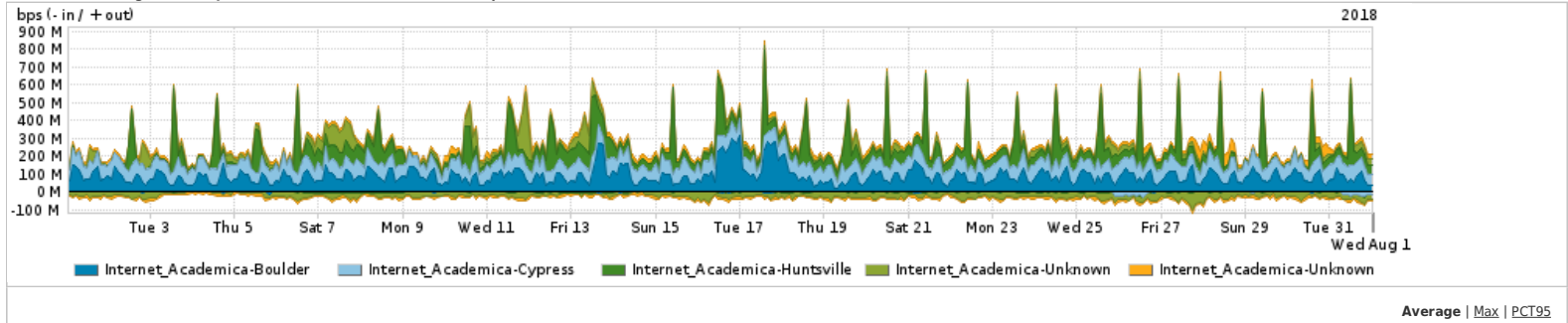
PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/> Internet_Commodity	Unknown	2.77 Mbps	62.67 Mbps	65.44 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Academica	PoP-SP	39.41 Mbps	215.46 Mbps	254.87 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-PR	47.48 Mbps	27.04 Mbps	74.52 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-RJ	33.38 Mbps	40.00 Mbps	73.38 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-MG	2.13 Mbps	50.84 Mbps	52.97 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-SC	3.67 Mbps	30.14 Mbps	33.82 Mbps
<input type="checkbox"/> Internet_Academica	PoP-RS	1.26 Mbps	27.78 Mbps	29.04 Mbps
<input type="checkbox"/> Internet_Academica	PoP-DF	3.35 Mbps	13.34 Mbps	16.69 Mbps
<input type="checkbox"/> Internet_Academica	PoP-CE	1.23 Mbps	7.73 Mbps	8.96 Mbps
<input type="checkbox"/> Internet_Academica	PoP-PA	1.27 Mbps	5.64 Mbps	6.91 Mbps
<input type="checkbox"/> Internet_Academica	PoP-RN	764.54 Kbps	2.88 Mbps	3.64 Mbps
<input type="checkbox"/> Internet_Academica	PoP-PE	481.73 Kbps	2.91 Mbps	3.39 Mbps
<input type="checkbox"/> Internet_Academica	PoP-ES	229.02 Kbps	3.10 Mbps	3.33 Mbps
<input type="checkbox"/> Internet_Academica	PoP-AL	78.51 Kbps	3.20 Mbps	3.28 Mbps
<input type="checkbox"/> Internet_Academica	PoP-BA	325.50 Kbps	2.37 Mbps	2.70 Mbps
<input type="checkbox"/> Internet_Academica	PoP-GO	198.64 Kbps	2.11 Mbps	2.30 Mbps

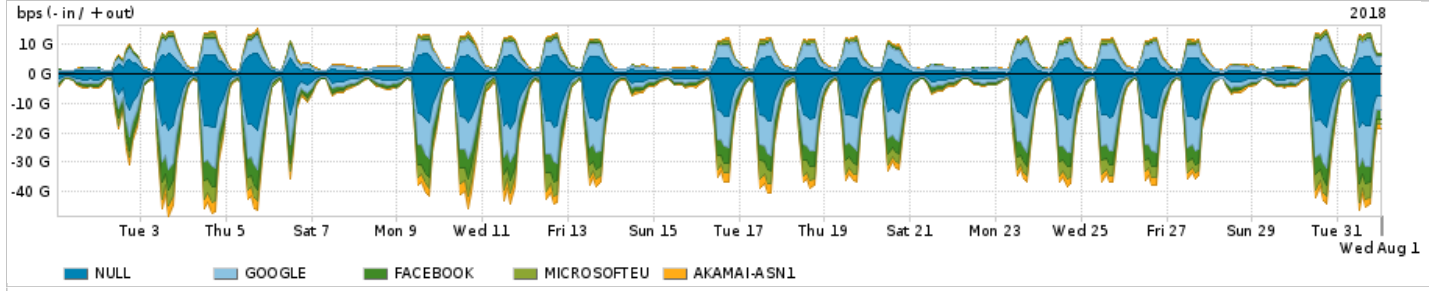
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Academica	Boulder	1.34 Mbps	89.62 Mbps	90.96 Mbps
<input checked="" type="checkbox"/> Internet_Academica	Cypress	911.37 Kbps	78.06 Mbps	78.98 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	Huntsville	874.76 Kbps	72.10 Mbps	72.97 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	23.28 Mbps	20.39 Mbps	43.67 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	11.28 Mbps	19.66 Mbps	30.94 Mbps
<input type="checkbox"/>	Internet_Academica	Potomac	1.03 Mbps	29.12 Mbps	30.15 Mbps
<input type="checkbox"/>	Internet_Academica	Temuco	19.18 Mbps	175.80 Kbps	19.36 Mbps
<input type="checkbox"/>	Internet_Academica	Santiago	16.34 Mbps	2.24 Mbps	18.57 Mbps
<input type="checkbox"/>	Internet_Academica	Unknown	3.35 Mbps	10.57 Mbps	13.91 Mbps
<input type="checkbox"/>	Internet_Academica	Unknown	7.08 Mbps	6.42 Mbps	13.50 Mbps

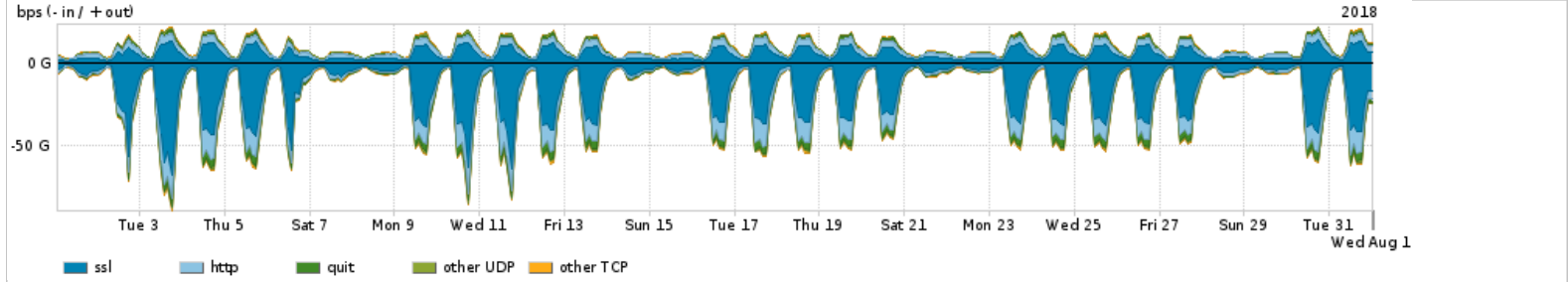
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	5.76 Gbps	2.34 Gbps	8.10 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	4.14 Gbps	2.36 Gbps	6.50 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.21 Gbps	164.90 Mbps	2.37 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.65 Gbps	347.87 Mbps	2.00 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.09 Gbps	310.89 Mbps	1.40 Gbps
<input type="checkbox"/>	GCEPSA-BR	28604	1.32 Gbps	34.78 Mbps	1.35 Gbps
<input type="checkbox"/>	AMAZON-02	16509	664.95 Mbps	252.54 Mbps	917.49 Mbps
<input type="checkbox"/>	CLARO	28573	151.97 Mbps	747.03 Mbps	899.00 Mbps
<input type="checkbox"/>	NETFLIX	2906	665.27 Mbps	13.38 Mbps	678.65 Mbps
<input type="checkbox"/>	EDGECAST	15133	502.97 Mbps	15.12 Mbps	518.09 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	225.88 Mbps	260.68 Mbps	486.56 Mbps
<input type="checkbox"/>	APPLE	714	160.59 Mbps	223.93 Mbps	384.52 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SA-BR	27699	74.23 Mbps	233.28 Mbps	307.51 Mbps
<input type="checkbox"/>	AKAMAI-ASN1	16625	266.44 Mbps	10.85 Mbps	277.29 Mbps
<input type="checkbox"/>	DROPBOX	19679	187.04 Mbps	79.50 Mbps	266.54 Mbps

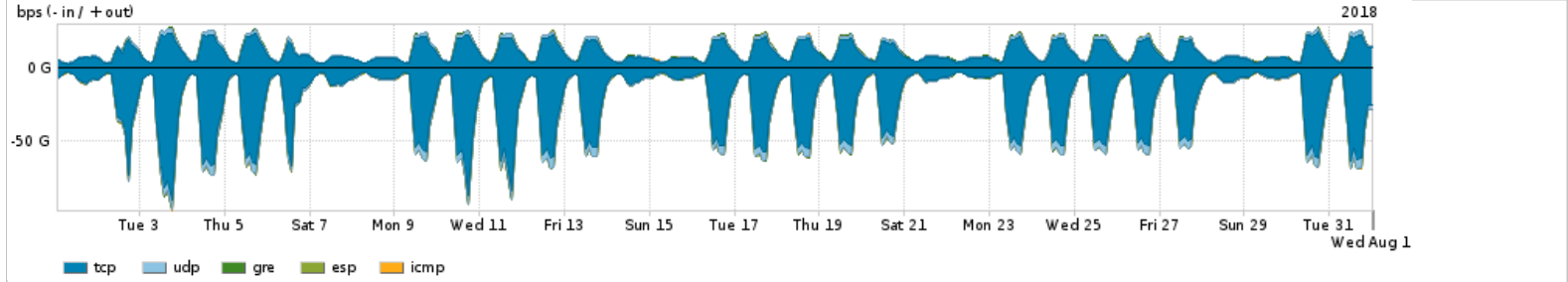
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	ssl	14.74 Gbps	4.87 Gbps	19.61 Gbps
<input checked="" type="checkbox"/>	http	4.66 Gbps	2.64 Gbps	7.31 Gbps
<input checked="" type="checkbox"/>	quit	1.49 Gbps	429.75 Mbps	1.92 Gbps
<input checked="" type="checkbox"/>	other UDP	454.06 Mbps	639.06 Mbps	1.09 Gbps
<input checked="" type="checkbox"/>	other TCP	673.28 Mbps	368.44 Mbps	1.04 Gbps
<input type="checkbox"/>	rsync	90.34 Mbps	66.54 Mbps	156.88 Mbps
<input type="checkbox"/>	ssh	58.93 Mbps	40.11 Mbps	99.04 Mbps
<input type="checkbox"/>	dns	28.25 Mbps	38.33 Mbps	66.57 Mbps
<input type="checkbox"/>	smtp	28.40 Mbps	33.99 Mbps	62.39 Mbps
<input type="checkbox"/>	ldap	5.02 Mbps	47.19 Mbps	52.21 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp	22.51 Gbps	9.87 Gbps	32.38 Gbps
<input checked="" type="checkbox"/>	udp	2.14 Gbps	1.23 Gbps	3.37 Gbps
<input checked="" type="checkbox"/>	gre	42.72 Mbps	159.22 Mbps	201.94 Mbps
<input checked="" type="checkbox"/>	esp	143.14 Mbps	29.99 Mbps	173.13 Mbps
<input checked="" type="checkbox"/>	icmp	10.17 Mbps	13.43 Mbps	23.60 Mbps
<input type="checkbox"/>	ipv6-icmp	1.58 Mbps	2.27 Mbps	3.86 Mbps
<input type="checkbox"/>	ipv6	2.34 Mbps	1.45 Mbps	3.79 Mbps
<input type="checkbox"/>	ipencap	21.28 Kbps	145.27 Kbps	166.55 Kbps
<input type="checkbox"/>	sctp	2.32 Kbps	2.00 bps	2.32 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	255	631.00 bps	1.00 bps	632.00 bps

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