

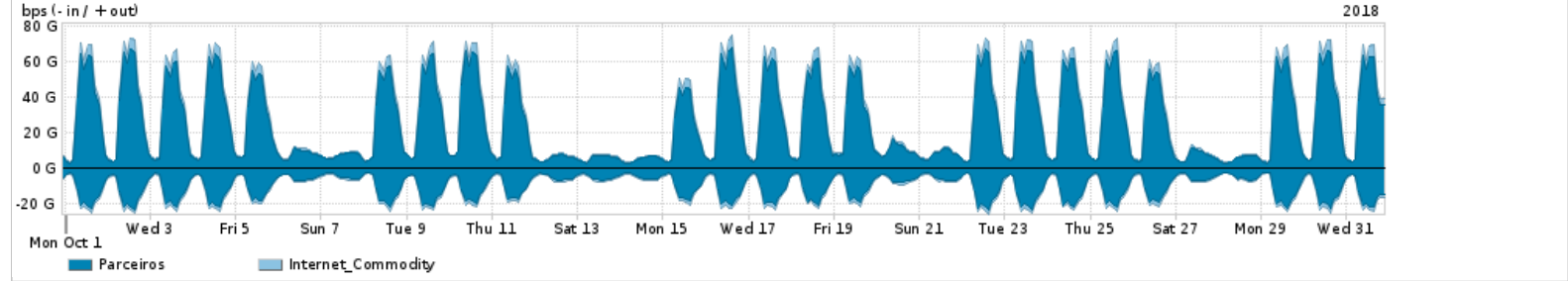
Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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)

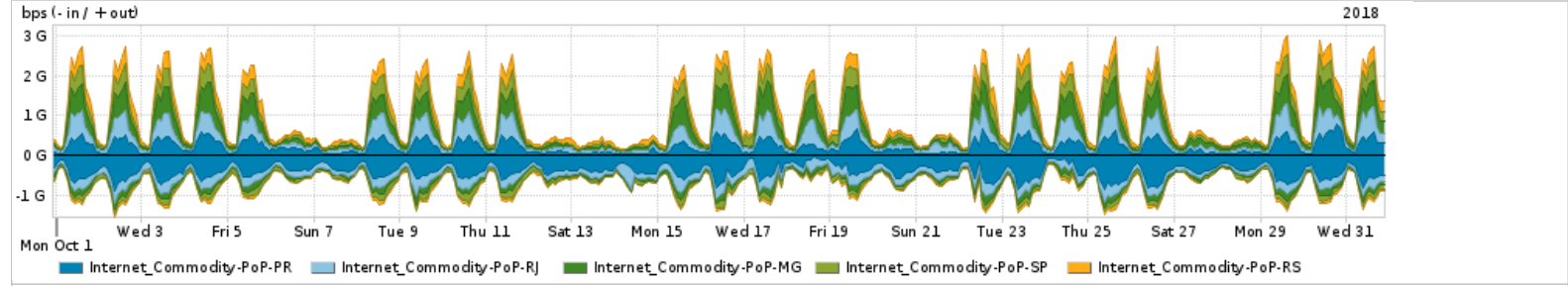
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	10.25 Gbps	24.71 Gbps	34.96 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.24 Gbps	2.47 Gbps	3.72 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

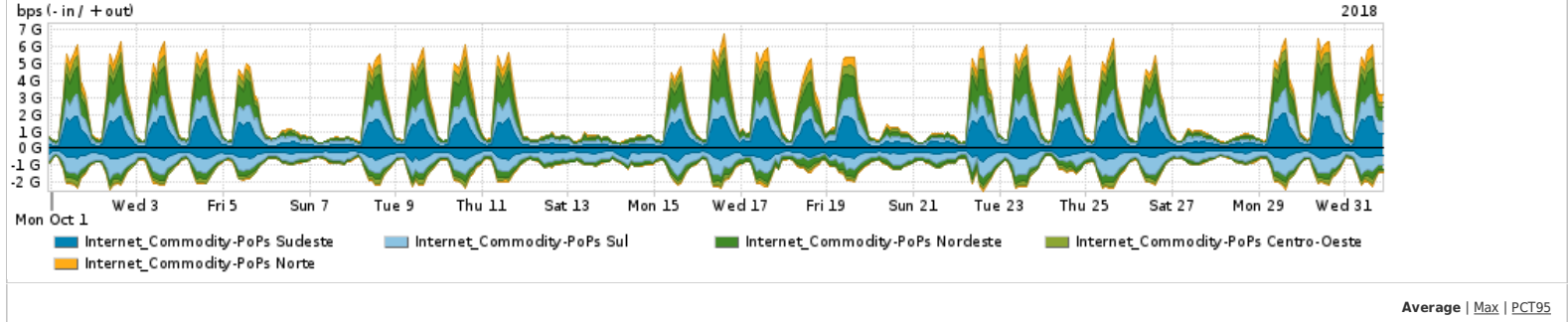


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	403.38 Mbps	208.31 Mbps	611.69 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RJ	160.05 Mbps	227.68 Mbps	387.73 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	77.66 Mbps	265.52 Mbps	343.18 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SP	81.30 Mbps	179.64 Mbps	260.93 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RS	40.12 Mbps	176.86 Mbps	216.98 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-SC	67.32 Mbps	129.26 Mbps	196.57 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-DF	69.15 Mbps	113.47 Mbps	182.62 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-BA	52.16 Mbps	104.96 Mbps	157.12 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	40.24 Mbps	89.98 Mbps	130.22 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PB	32.30 Mbps	84.91 Mbps	117.21 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PA	15.30 Mbps	98.75 Mbps	114.05 Mbps

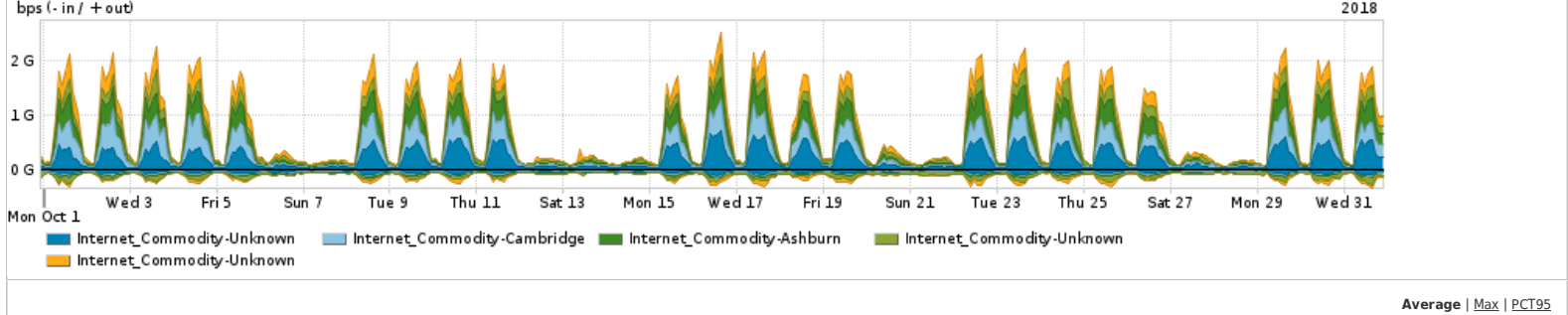
	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-CE	18.07 Mbps	93.35 Mbps	111.43 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-RN	25.64 Mbps	81.46 Mbps	107.10 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-MA	20.14 Mbps	60.94 Mbps	81.08 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-GO	15.35 Mbps	65.56 Mbps	80.91 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 Sudeste	340.58 Mbps	714.50 Mbps	1.06 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	510.82 Mbps	514.43 Mbps	1.03 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	219.32 Mbps	605.08 Mbps	824.40 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	108.67 Mbps	233.82 Mbps	342.49 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	45.77 Mbps	221.33 Mbps	267.10 Mbps

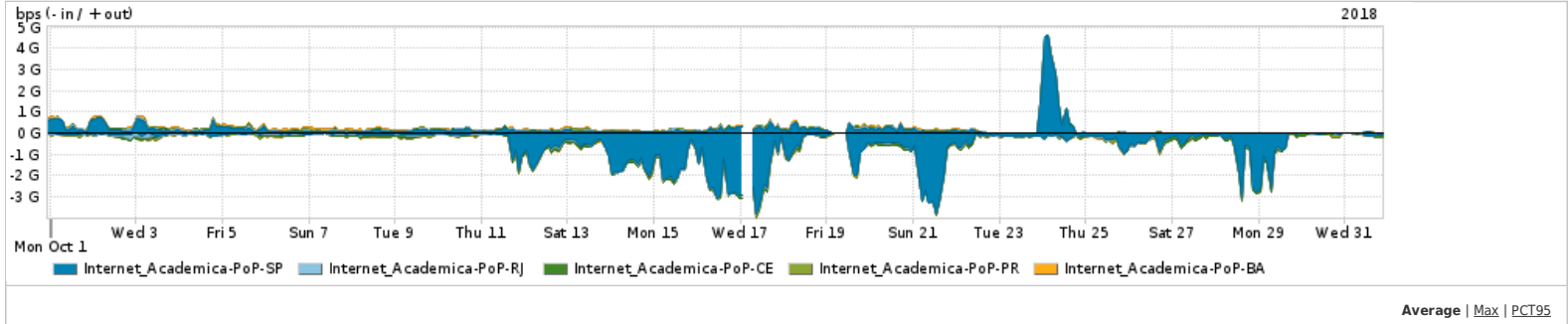
Interesse de tráfego do serviço de Internet Commodity por cidade



	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	32.70 Mbps	183.83 Mbps	216.52 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Cambridge	13.06 Mbps	166.90 Mbps	179.96 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Ashburn	24.85 Mbps	151.07 Mbps	175.92 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	45.26 Mbps	103.77 Mbps	149.04 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	Unknown	20.20 Mbps	127.94 Mbps	148.13 Mbps
<input type="checkbox"/>	Internet_Commodity	Boardman	106.21 Mbps	36.86 Mbps	143.07 Mbps
<input type="checkbox"/>	Internet_Commodity	Unknown	16.42 Mbps	113.71 Mbps	130.12 Mbps
<input type="checkbox"/>	Internet_Commodity	Seattle	7.89 Mbps	107.61 Mbps	115.50 Mbps
<input type="checkbox"/>	Internet_Commodity	Unknown	10.36 Mbps	73.60 Mbps	83.97 Mbps

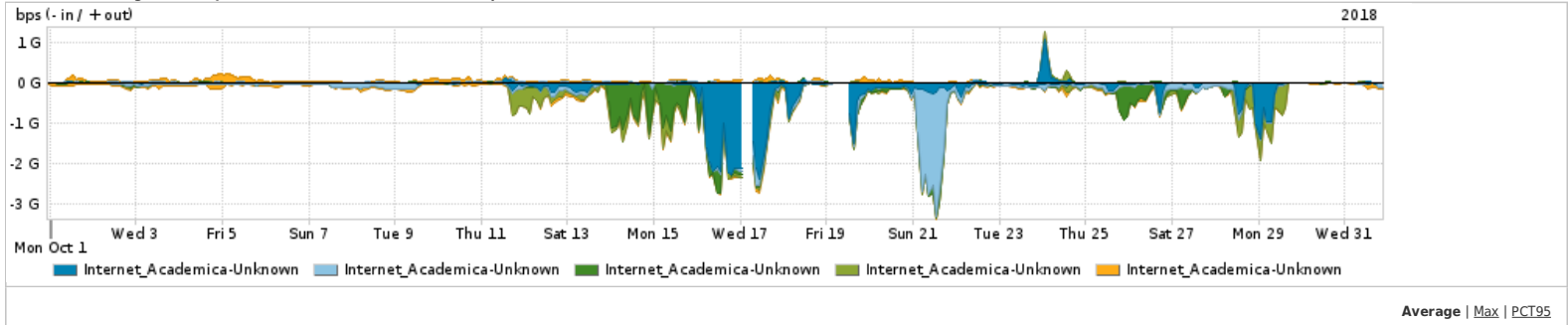
PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/> Internet_Commodity	Unknown	2.46 Mbps	69.01 Mbps	71.47 Mbps

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	529.81 Mbps	160.96 Mbps	690.77 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-RJ	26.14 Mbps	21.97 Mbps	48.11 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-CE	41.38 Mbps	5.42 Mbps	46.80 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-PR	27.48 Mbps	18.69 Mbps	46.17 Mbps
<input checked="" type="checkbox"/> Internet_Academica	PoP-BA	2.91 Mbps	26.68 Mbps	29.59 Mbps
<input type="checkbox"/> Internet_Academica	PoP-RS	13.71 Mbps	12.77 Mbps	26.49 Mbps
<input type="checkbox"/> Internet_Academica	PoP-MG	3.38 Mbps	16.74 Mbps	20.12 Mbps
<input type="checkbox"/> Internet_Academica	PoP-SC	2.86 Mbps	12.61 Mbps	15.46 Mbps
<input type="checkbox"/> Internet_Academica	PoP-PE	2.03 Mbps	12.70 Mbps	14.73 Mbps
<input type="checkbox"/> Internet_Academica	PoP-DF	2.47 Mbps	11.04 Mbps	13.51 Mbps
<input type="checkbox"/> Internet_Academica	PoP-RN	734.12 Kbps	5.19 Mbps	5.93 Mbps
<input type="checkbox"/> Internet_Academica	PoP-ES	482.86 Kbps	3.58 Mbps	4.06 Mbps
<input type="checkbox"/> Internet_Academica	PoP-PA	343.39 Kbps	3.33 Mbps	3.67 Mbps
<input type="checkbox"/> Internet_Academica	PoP-PB	403.49 Kbps	1.78 Mbps	2.18 Mbps
<input type="checkbox"/> Internet_Academica	PoP-AL	111.49 Kbps	1.86 Mbps	1.97 Mbps

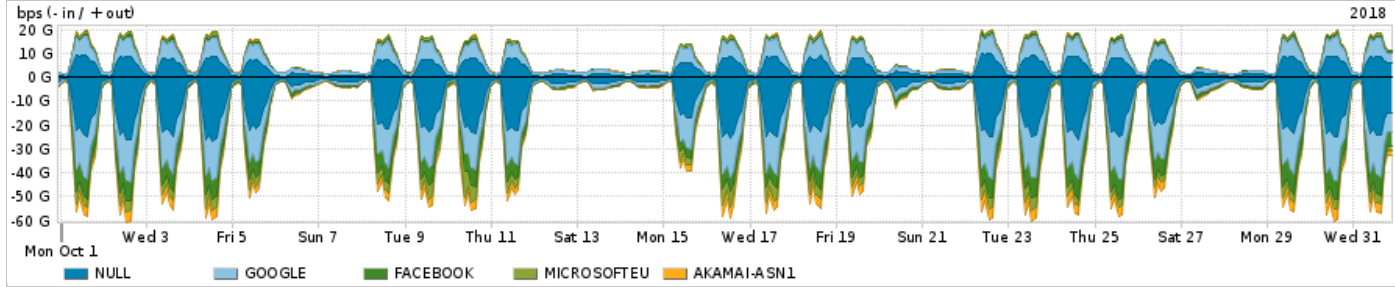
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Academica	Unknown	149.60 Mbps	11.61 Mbps	161.22 Mbps
<input checked="" type="checkbox"/> Internet_Academica	Unknown	94.66 Mbps	7.21 Mbps	101.87 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	75.78 Mbps	1.81 Mbps	77.59 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	53.46 Mbps	3.56 Mbps	57.02 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	Unknown	24.10 Mbps	26.28 Mbps	50.38 Mbps
<input type="checkbox"/>	Internet_Academica	Boulder	851.28 Kbps	45.41 Mbps	46.26 Mbps
<input type="checkbox"/>	Internet_Academica	Aurora	77.00 bps	44.63 Mbps	44.63 Mbps
<input type="checkbox"/>	Internet_Academica	Huntsville	12.11 Mbps	27.57 Mbps	39.68 Mbps
<input type="checkbox"/>	Internet_Academica	Gainesville	38.45 Mbps	15.09 Kbps	38.46 Mbps
<input type="checkbox"/>	Internet_Academica	La Jolla	32.18 Mbps	1.07 Mbps	33.25 Mbps

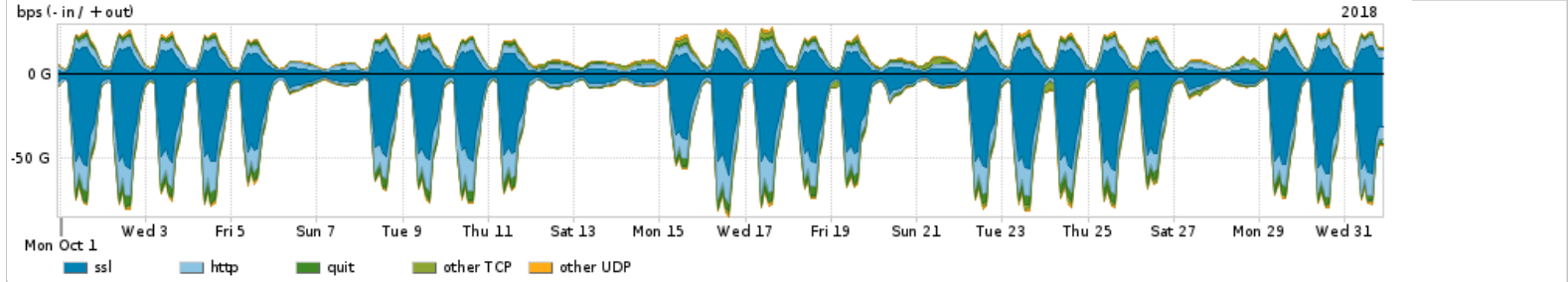
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	8.98 Gbps	3.46 Gbps	12.43 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	5.93 Gbps	3.36 Gbps	9.29 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.88 Gbps	305.26 Mbps	3.19 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.81 Gbps	411.77 Mbps	2.22 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.45 Gbps	125.91 Mbps	1.58 Gbps
<input type="checkbox"/>	AMAZON-02	16509	813.02 Mbps	275.89 Mbps	1.09 Gbps
<input type="checkbox"/>	CLARO	28573	172.70 Mbps	838.38 Mbps	1.01 Gbps
<input type="checkbox"/>	NETFLIX	2906	808.78 Mbps	21.09 Mbps	829.87 Mbps
<input type="checkbox"/>	EDGECAST	15133	682.33 Mbps	22.01 Mbps	704.34 Mbps
<input type="checkbox"/>	APPLE	714	214.09 Mbps	394.04 Mbps	608.13 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	275.51 Mbps	309.61 Mbps	585.12 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SA-BR	18881	88.93 Mbps	469.63 Mbps	558.56 Mbps
<input type="checkbox"/>	ASGARR	137	496.79 Mbps	53.63 Mbps	550.42 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	495.13 Mbps	16.69 Mbps	511.82 Mbps
<input type="checkbox"/>	LEVEL3-AS3549	3549	402.47 Mbps	19.59 Mbps	422.06 Mbps

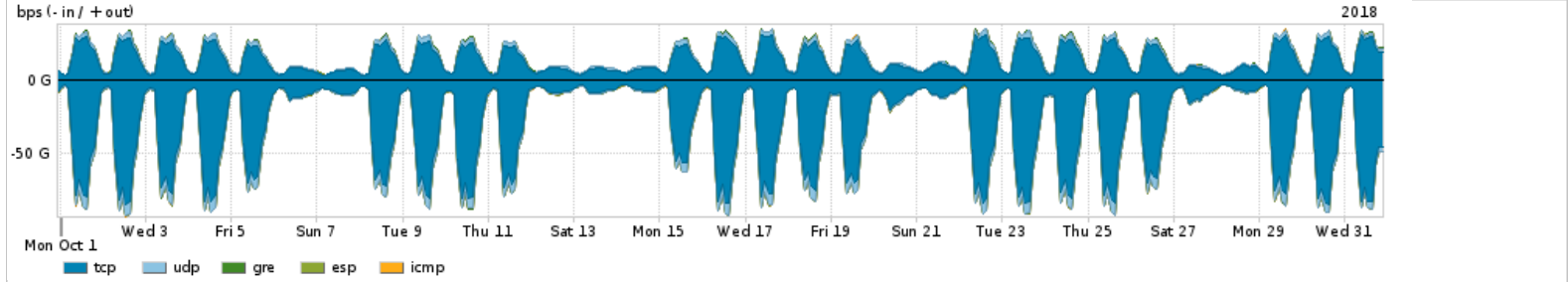
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/> ssl	20.09 Gbps	6.49 Gbps	26.58 Gbps
<input checked="" type="checkbox"/> http	6.20 Gbps	3.23 Gbps	9.43 Gbps
<input checked="" type="checkbox"/> quit	1.95 Gbps	787.56 Mbps	2.74 Gbps
<input checked="" type="checkbox"/> other TCP	836.10 Mbps	946.62 Mbps	1.78 Gbps
<input checked="" type="checkbox"/> other UDP	550.28 Mbps	766.57 Mbps	1.32 Gbps
<input type="checkbox"/> ssh	66.34 Mbps	70.77 Mbps	137.11 Mbps
<input type="checkbox"/> rsync	82.87 Mbps	46.19 Mbps	129.06 Mbps
<input type="checkbox"/> dns	37.41 Mbps	42.99 Mbps	80.40 Mbps
<input type="checkbox"/> smtp	31.68 Mbps	46.20 Mbps	77.89 Mbps
<input type="checkbox"/> macromedia-fcs	12.69 Mbps	34.70 Mbps	47.39 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/> tcp	31.10 Gbps	13.43 Gbps	44.53 Gbps
<input checked="" type="checkbox"/> udp	2.78 Gbps	1.75 Gbps	4.53 Gbps
<input checked="" type="checkbox"/> gre	23.54 Mbps	161.25 Mbps	184.78 Mbps
<input checked="" type="checkbox"/> esp	115.79 Mbps	34.84 Mbps	150.63 Mbps
<input checked="" type="checkbox"/> icmp	19.04 Mbps	21.88 Mbps	40.92 Mbps
<input type="checkbox"/> ipv6	4.27 Mbps	2.16 Mbps	6.44 Mbps
<input type="checkbox"/> ipv6-icmp	1.49 Mbps	2.10 Mbps	3.58 Mbps
<input type="checkbox"/> ipencap	18.52 Kbps	48.97 Kbps	67.49 Kbps
<input type="checkbox"/> sctp	1.05 Kbps	41.00 bps	1.09 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	200	367.00 bps	0.00 bps	367.00 bps

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