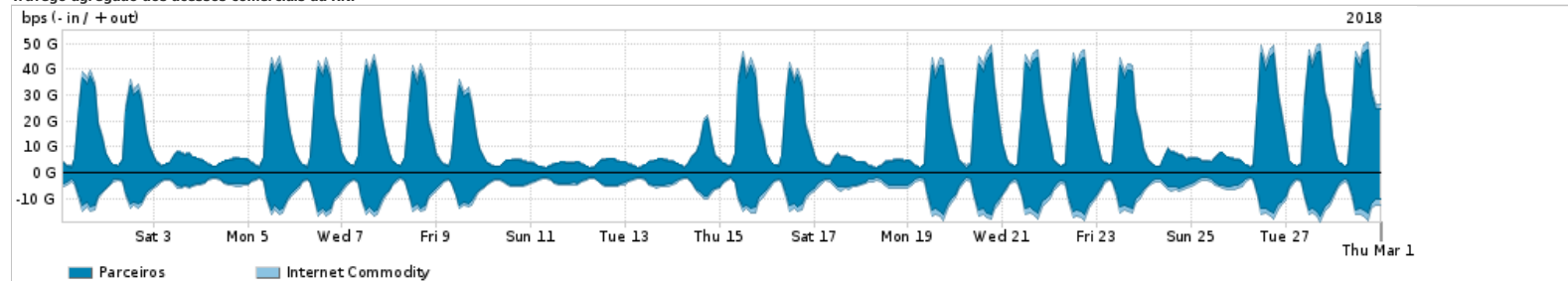


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

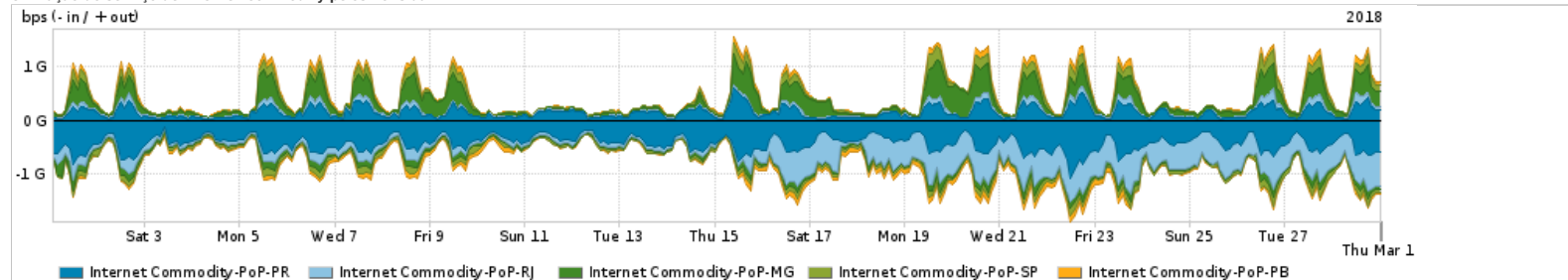
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	6.70 Gbps	14.28 Gbps	20.98 Gbps
<input checked="" type="checkbox"/> Internet Commodity	1.20 Gbps	985.49 Mbps	2.19 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

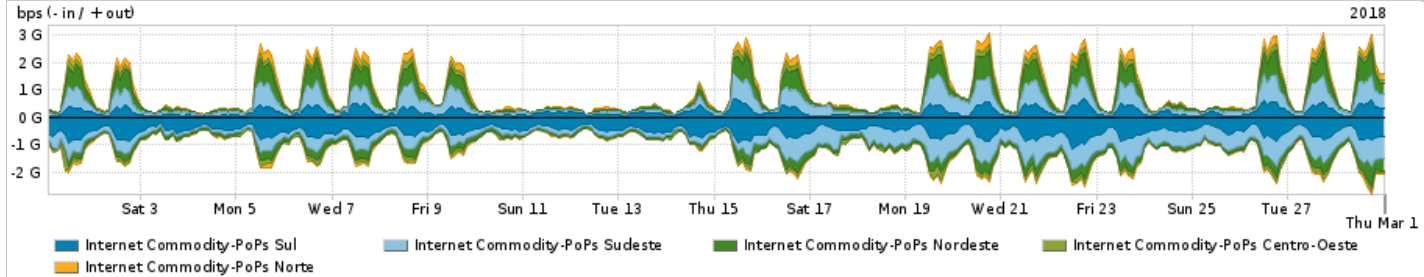


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet Commodity	PoP-PR	433.01 Mbps	136.94 Mbps	569.95 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-RJ	263.90 Mbps	39.39 Mbps	303.29 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-MG	58.42 Mbps	179.58 Mbps	238.00 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-SP	59.64 Mbps	64.96 Mbps	124.60 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-PB	47.68 Mbps	39.03 Mbps	86.71 Mbps
<input type="checkbox"/> Internet Commodity	PoP-SC	62.25 Mbps	16.93 Mbps	79.18 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PE	28.91 Mbps	45.82 Mbps	74.73 Mbps
<input type="checkbox"/> Internet Commodity	PoP-CE	17.47 Mbps	47.44 Mbps	64.91 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RS	24.75 Mbps	37.82 Mbps	62.57 Mbps
<input type="checkbox"/> Internet Commodity	PoP-DF	45.24 Mbps	16.37 Mbps	61.61 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PA	18.52 Mbps	42.40 Mbps	60.92 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-MA	15.55 Mbps	31.81 Mbps	47.36 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RN	18.30 Mbps	28.56 Mbps	46.86 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	19.71 Mbps	26.08 Mbps	45.79 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	11.57 Mbps	32.71 Mbps	44.28 Mbps

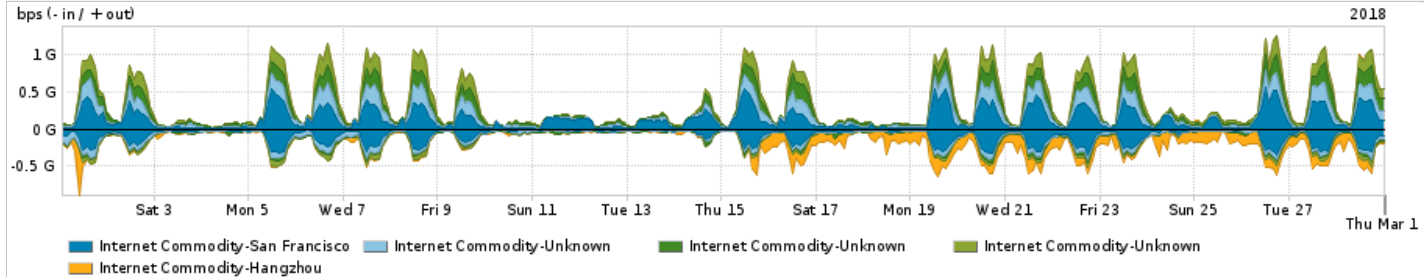
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	520.01 Mbps	191.69 Mbps	711.70 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	401.67 Mbps	310.01 Mbps	711.68 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	166.85 Mbps	259.66 Mbps	426.51 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	66.02 Mbps	76.82 Mbps	142.84 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	38.35 Mbps	98.35 Mbps	136.70 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

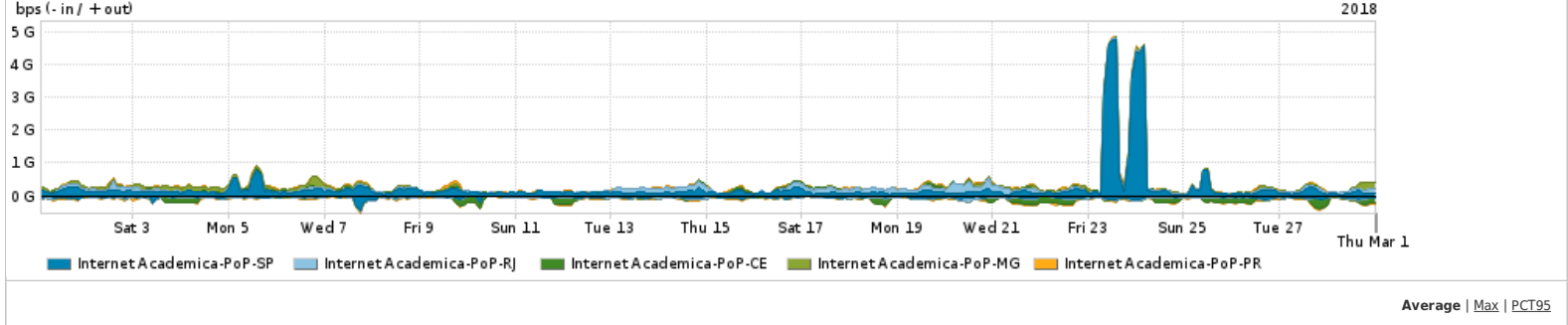


Average | Max | PCT95

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	86.55 Mbps	130.32 Mbps	216.87 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	31.19 Mbps	77.03 Mbps	108.22 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	16.50 Mbps	71.29 Mbps	87.78 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	15.22 Mbps	68.69 Mbps	83.91 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Hangzhou	59.10 Mbps	560.12 Kbps	59.66 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	11.01 Mbps	44.99 Mbps	56.00 Mbps
<input type="checkbox"/>	Internet Commodity	Boardman	46.76 Mbps	1.70 Mbps	48.46 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	8.81 Mbps	38.56 Mbps	47.37 Mbps
<input type="checkbox"/>	Internet Commodity	Frankfurt	2.16 Mbps	35.00 Mbps	37.16 Mbps

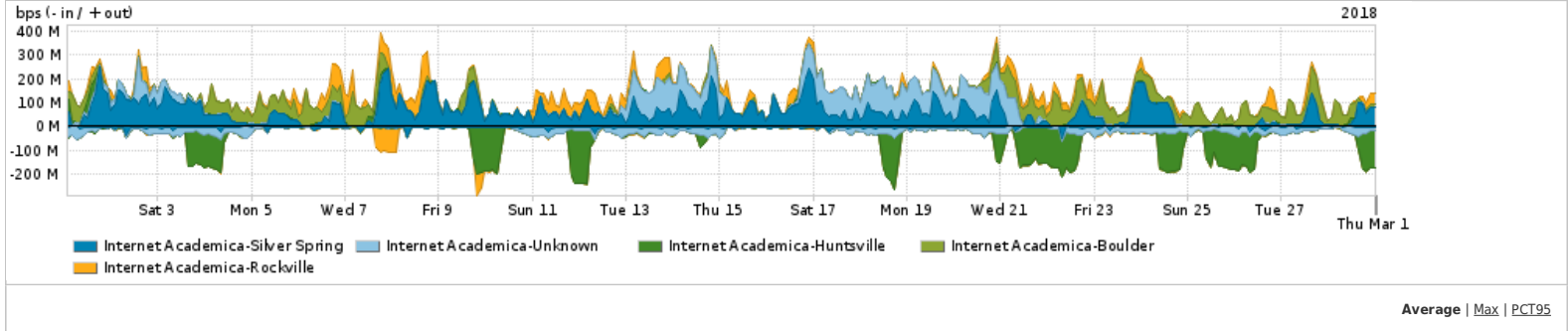
	PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	Cambridge	6.04 Mbps	24.50 Mbps	30.55 Mbps

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	52.85 Mbps	229.50 Mbps	282.35 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	25.44 Mbps	61.44 Mbps	86.89 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	36.53 Mbps	8.91 Mbps	45.44 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-MG	2.96 Mbps	37.41 Mbps	40.37 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	16.67 Mbps	15.43 Mbps	32.10 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	3.03 Mbps	25.42 Mbps	28.45 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	2.69 Mbps	21.56 Mbps	24.26 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	875.12 Kbps	19.62 Mbps	20.49 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.40 Mbps	15.46 Mbps	17.86 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	397.15 Kbps	4.95 Mbps	5.35 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	622.05 Kbps	3.99 Mbps	4.61 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	372.30 Kbps	3.07 Mbps	3.44 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	286.54 Kbps	2.72 Mbps	3.00 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	221.71 Kbps	2.70 Mbps	2.93 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	338.23 Kbps	1.74 Mbps	2.08 Mbps

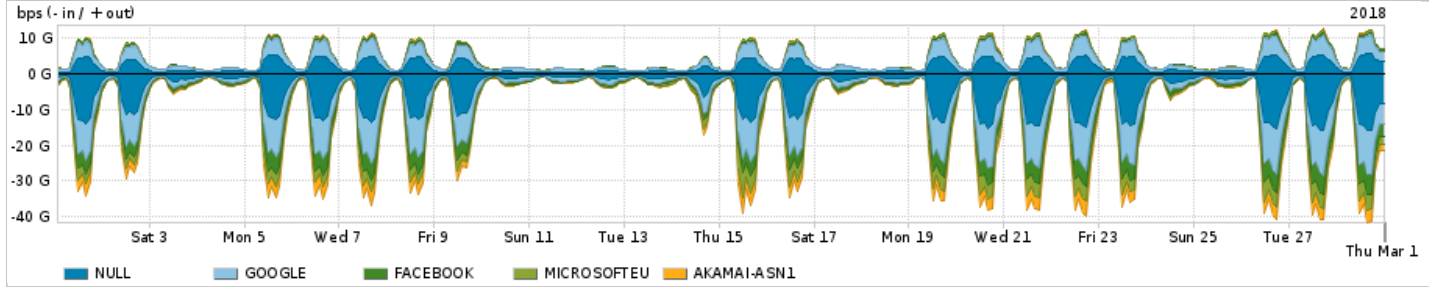
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	Silver Spring	3.52 Mbps	60.70 Mbps	64.22 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Unknown	16.50 Mbps	29.71 Mbps	46.21 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Huntsville	32.31 Mbps	2.21 Mbps	34.53 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Boulder	753.07 Kbps	29.60 Mbps	30.35 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Rockville	2.62 Mbps	18.34 Mbps	20.96 Mbps
<input type="checkbox"/>	Internet Academica	New Orleans	6.67 Mbps	13.15 Mbps	19.82 Mbps
<input type="checkbox"/>	Internet Academica	Barcelona	302.47 Kbps	18.33 Mbps	18.64 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	177.40 Kbps	16.48 Mbps	16.66 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	1.17 Mbps	10.00 Mbps	11.18 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.99 Mbps	8.96 Mbps	10.95 Mbps

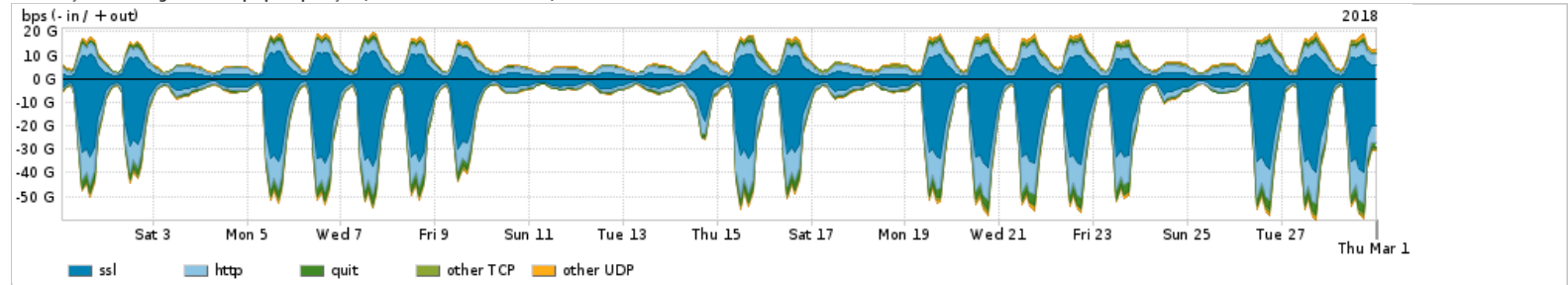
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	4.51 Gbps	1.71 Gbps	6.21 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	3.48 Gbps	1.94 Gbps	5.42 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	1.59 Gbps	163.19 Mbps	1.75 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.35 Gbps	223.94 Mbps	1.57 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.03 Gbps	31.43 Mbps	1.06 Gbps
<input type="checkbox"/>	CLARO	28573	133.89 Mbps	768.72 Mbps	902.61 Mbps
<input type="checkbox"/>	AMAZON-02	16509	564.17 Mbps	139.63 Mbps	703.80 Mbps
<input type="checkbox"/>	NETFLIX	2906	669.71 Mbps	12.12 Mbps	681.83 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	527.34 Mbps	16.61 Mbps	543.96 Mbps
<input type="checkbox"/>	EDGECAST	15133	527.19 Mbps	15.62 Mbps	542.81 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	147.15 Mbps	190.45 Mbps	337.60 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SA-BR	27699	68.29 Mbps	243.36 Mbps	311.65 Mbps
<input type="checkbox"/>	DROPBOX	19679	200.71 Mbps	91.49 Mbps	292.20 Mbps
<input type="checkbox"/>	APPLE	714	119.82 Mbps	172.12 Mbps	291.94 Mbps
<input type="checkbox"/>	TNLSA-BR	7738	30.71 Mbps	215.75 Mbps	246.45 Mbps

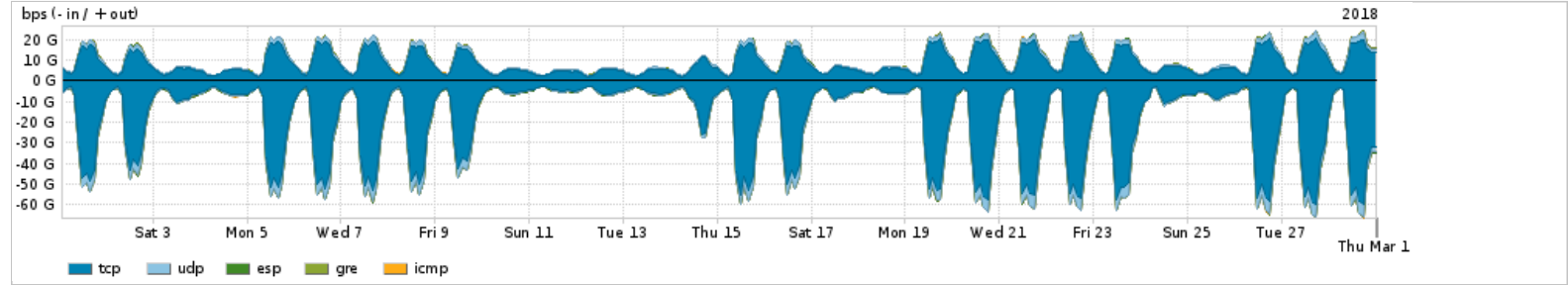
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	ssl	11.41 Gbps	3.96 Gbps	15.38 Gbps
<input checked="" type="checkbox"/>	http	4.44 Gbps	2.82 Gbps	7.27 Gbps
<input checked="" type="checkbox"/>	quit	1.17 Gbps	356.05 Mbps	1.53 Gbps
<input checked="" type="checkbox"/>	other TCP	532.44 Mbps	592.67 Mbps	1.13 Gbps
<input checked="" type="checkbox"/>	other UDP	461.91 Mbps	656.50 Mbps	1.12 Gbps
<input type="checkbox"/>	rsync	76.58 Mbps	34.67 Mbps	111.26 Mbps
<input type="checkbox"/>	ssh	47.33 Mbps	31.98 Mbps	79.30 Mbps
<input type="checkbox"/>	smtp	30.18 Mbps	44.11 Mbps	74.29 Mbps
<input type="checkbox"/>	dns	25.28 Mbps	29.34 Mbps	54.63 Mbps
<input type="checkbox"/>	ldap	3.12 Mbps	42.27 Mbps	45.39 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	tcp	18.23 Gbps	8.60 Gbps	26.82 Gbps
<input checked="" type="checkbox"/>	udp	1.78 Gbps	1.15 Gbps	2.93 Gbps
<input checked="" type="checkbox"/>	esp	108.64 Mbps	27.82 Mbps	136.47 Mbps
<input checked="" type="checkbox"/>	gre	16.67 Mbps	96.38 Mbps	113.05 Mbps
<input checked="" type="checkbox"/>	icmp	7.37 Mbps	9.77 Mbps	17.14 Mbps
<input type="checkbox"/>	ipv6-icmp	1.54 Mbps	2.20 Mbps	3.74 Mbps
<input type="checkbox"/>	ipv6	1.62 Mbps	705.48 Kbps	2.33 Mbps
<input type="checkbox"/>	ipencap	7.97 Kbps	6.68 Kbps	14.65 Kbps
<input type="checkbox"/>	udplite	0.00 bps	4.45 Kbps	4.45 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-nonxt	1.10 Kbps	0.00 bps	1.10 Kbps

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