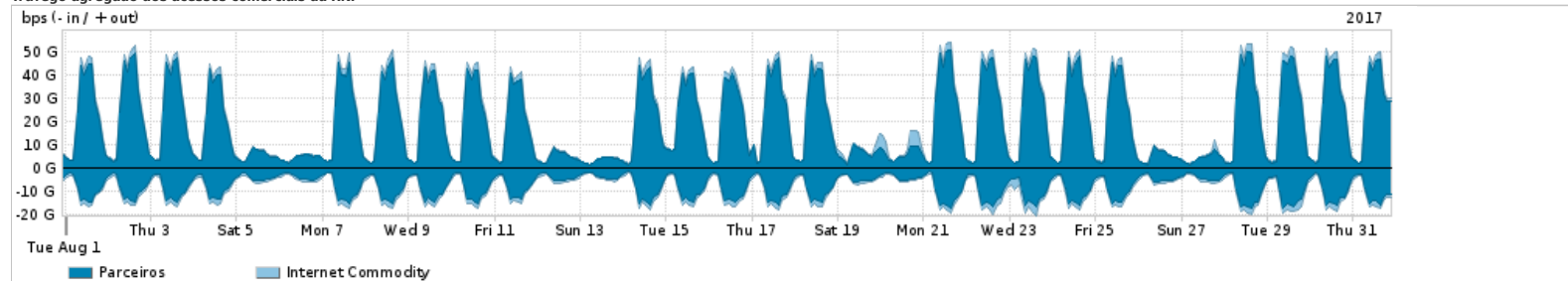


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

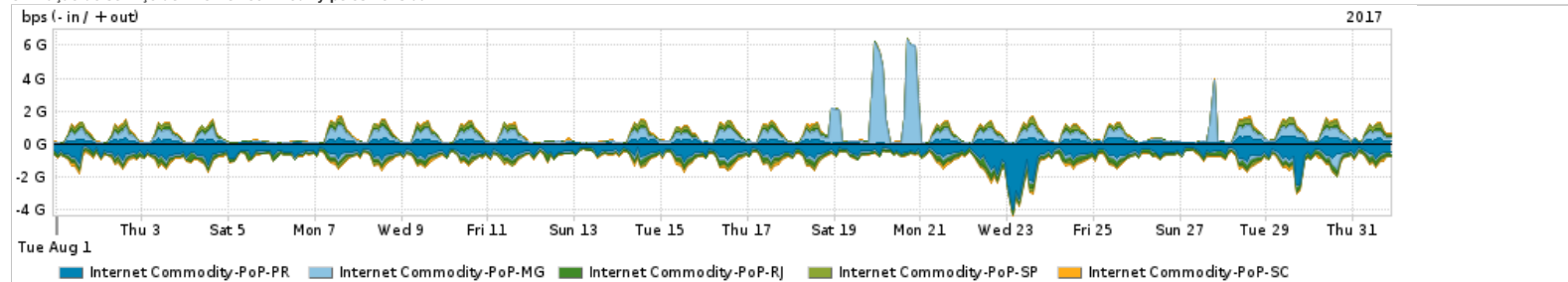
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros		7.76 Gbps	19.00 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.32 Gbps	1.41 Gbps
			26.76 Gbps
			2.73 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

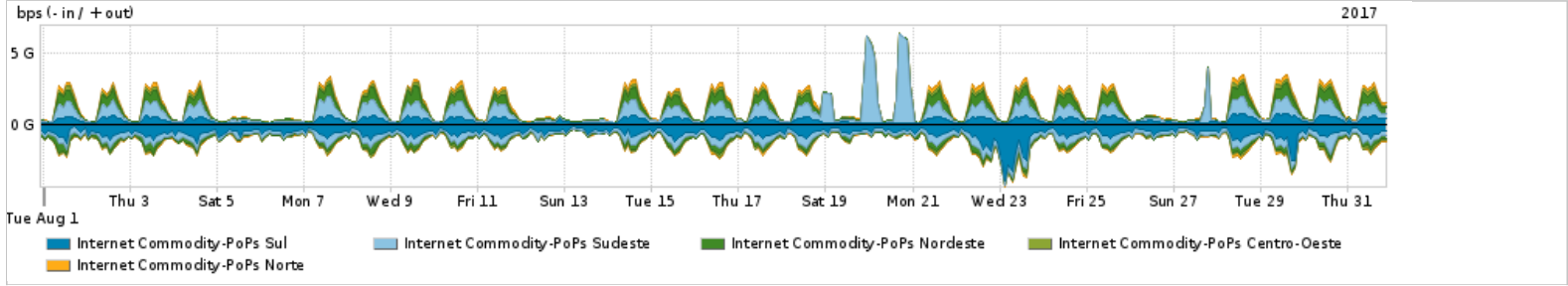


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet Commodity	PoP-PR		579.77 Mbps	136.45 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-MG		75.63 Mbps	371.45 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-RJ		172.03 Mbps	62.58 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-SP		70.34 Mbps	89.53 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-SC		68.77 Mbps	41.40 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PE		33.13 Mbps	56.02 Mbps
<input type="checkbox"/> Internet Commodity	PoP-CE		23.58 Mbps	65.32 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RS		22.82 Mbps	64.35 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PB		27.38 Mbps	50.01 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PA		21.25 Mbps	41.88 Mbps
<input type="checkbox"/> Internet Commodity	PoP-GO		16.76 Mbps	46.25 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	24.91 Mbps	33.65 Mbps	58.56 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	36.59 Mbps	19.19 Mbps	55.78 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	37.67 Mbps	18.09 Mbps	55.76 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	20.92 Mbps	31.38 Mbps	52.30 Mbps

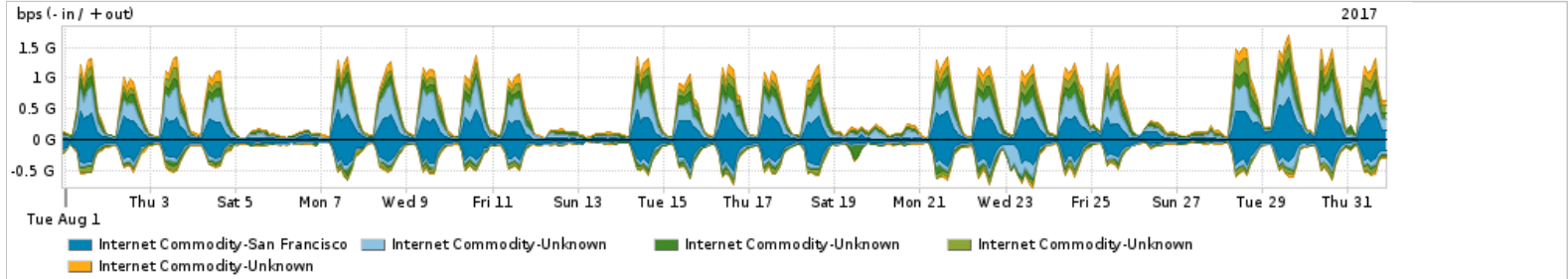
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	671.36 Mbps	242.20 Mbps	913.56 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	338.91 Mbps	554.94 Mbps	893.85 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	174.41 Mbps	314.15 Mbps	488.56 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	64.26 Mbps	97.88 Mbps	162.13 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	49.83 Mbps	111.12 Mbps	160.95 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

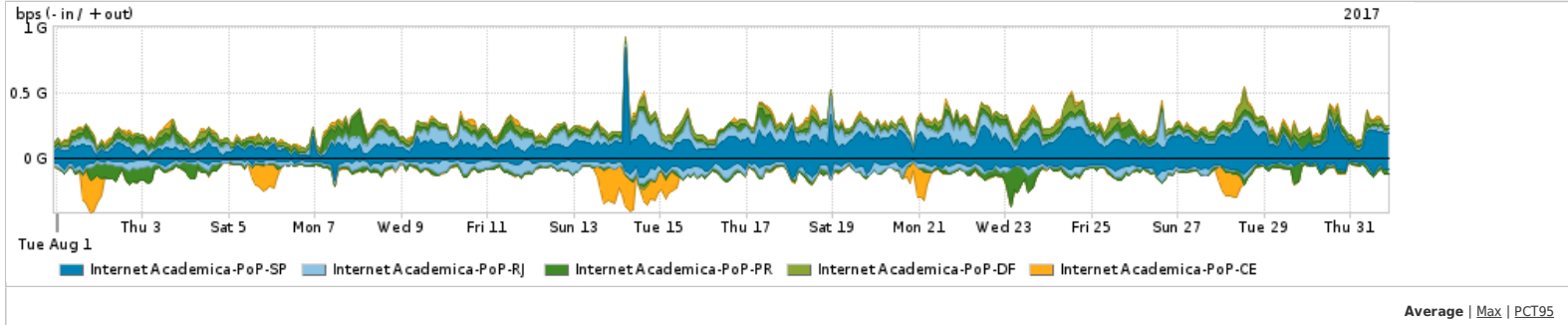


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	141.69 Mbps	143.64 Mbps	285.33 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	41.78 Mbps	146.69 Mbps	188.47 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	21.29 Mbps	75.79 Mbps	97.08 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	26.23 Mbps	59.35 Mbps	85.58 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	16.15 Mbps	66.48 Mbps	82.63 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	11.63 Mbps	69.37 Mbps	81.00 Mbps
<input type="checkbox"/>	Internet Commodity	Hangzhou	60.74 Mbps	1.24 Mbps	61.98 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	4.27 Mbps	44.30 Mbps	48.56 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	43.11 Mbps	2.91 Mbps	46.03 Mbps

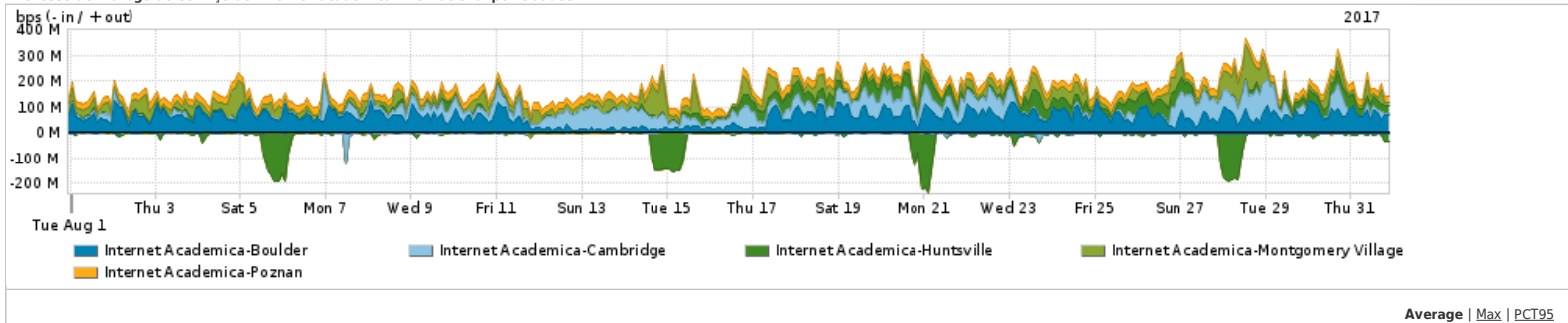
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Menlo Park	10.73 Mbps	26.86 Mbps	37.58 Mbps

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	46.13 Mbps	119.64 Mbps	165.77 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	31.84 Mbps	51.29 Mbps	83.13 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	25.40 Mbps	36.99 Mbps	62.39 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	2.12 Mbps	34.43 Mbps	36.55 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	23.33 Mbps	8.53 Mbps	31.87 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	2.47 Mbps	28.23 Mbps	30.70 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.82 Mbps	20.18 Mbps	23.00 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	1.71 Mbps	17.06 Mbps	18.77 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	296.34 Kbps	8.70 Mbps	8.99 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	348.09 Kbps	5.55 Mbps	5.89 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	617.66 Kbps	4.90 Mbps	5.52 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	626.73 Kbps	4.38 Mbps	5.01 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	312.04 Kbps	3.70 Mbps	4.01 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	662.06 Kbps	3.32 Mbps	3.98 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AM	312.65 Kbps	1.98 Mbps	2.29 Mbps

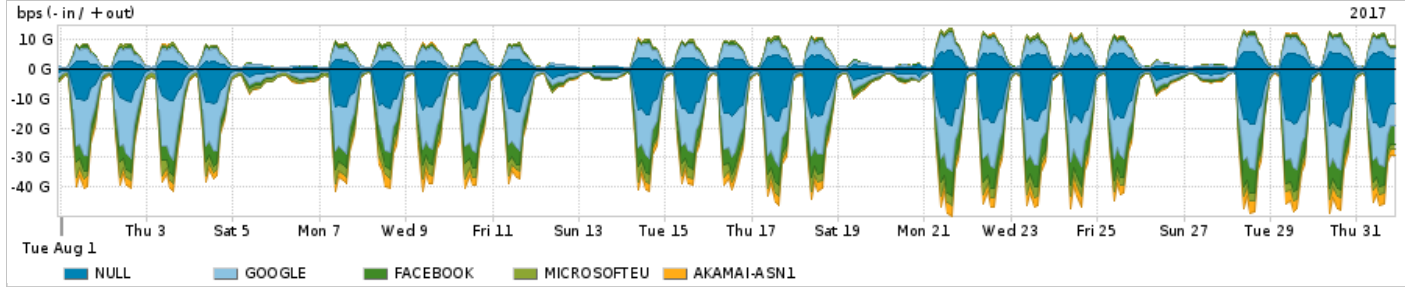
Interesse de trafego do serviço de Internet acadêmica internacional por cidades



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	Boulder	1.26 Mbps	60.06 Mbps	61.33 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Cambridge	853.58 Kbps	34.59 Mbps	35.44 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Huntsville	15.59 Mbps	19.14 Mbps	34.74 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Montgomery Village	496.79 Kbps	30.37 Mbps	30.87 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Poznan	164.93 Kbps	25.91 Mbps	26.08 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	14.36 Mbps	9.18 Mbps	23.54 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	2.09 Mbps	15.89 Mbps	17.98 Mbps
<input type="checkbox"/>	Internet Academica	Baltimore	8.44 Mbps	9.53 Mbps	17.97 Mbps
<input type="checkbox"/>	Internet Academica	Silver Spring	202.68 Kbps	12.09 Mbps	12.29 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	331.31 Kbps	10.81 Mbps	11.14 Mbps

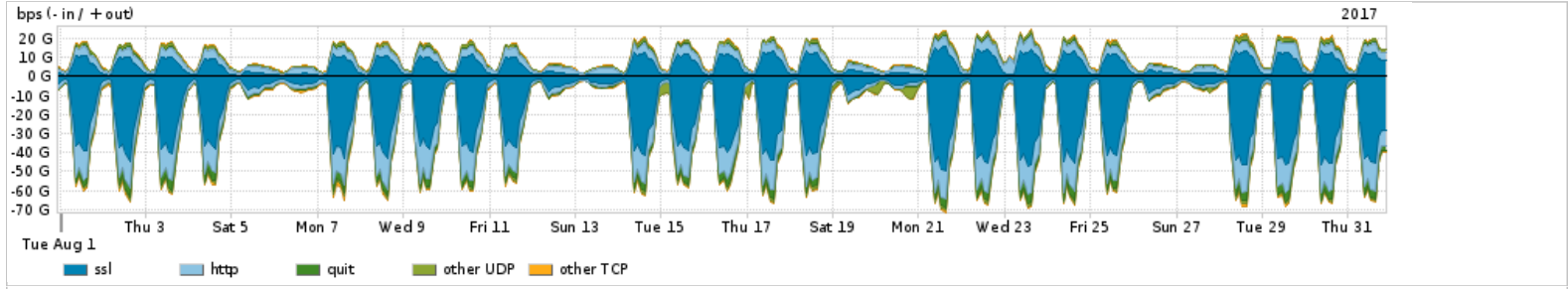
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	6.39 Gbps	1.87 Gbps	8.26 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	5.75 Gbps	2.19 Gbps	7.94 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.75 Gbps	278.63 Mbps	3.03 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.53 Gbps	293.96 Mbps	1.83 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.24 Gbps	34.42 Mbps	1.28 Gbps
<input type="checkbox"/>	CLARO	28573	163.47 Mbps	851.42 Mbps	1.01 Gbps
<input type="checkbox"/>	AMAZON-02	16509	720.57 Mbps	201.08 Mbps	921.65 Mbps
<input type="checkbox"/>	NETFLIX	2906	732.04 Mbps	11.72 Mbps	743.76 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	547.45 Mbps	24.46 Mbps	571.91 Mbps
<input type="checkbox"/>	APPLE	714	173.70 Mbps	304.97 Mbps	478.67 Mbps
<input type="checkbox"/>	EDGECAST	15133	413.33 Mbps	8.27 Mbps	421.61 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	181.76 Mbps	212.46 Mbps	394.22 Mbps
<input type="checkbox"/>	DROPBOX	19679	250.96 Mbps	137.86 Mbps	388.82 Mbps
<input type="checkbox"/>	TELEFONICA-BRASIL-SA-BR	27699	96.03 Mbps	258.15 Mbps	354.18 Mbps
<input type="checkbox"/>	LEVEL3-AS3549	3549	311.44 Mbps	13.57 Mbps	325.02 Mbps

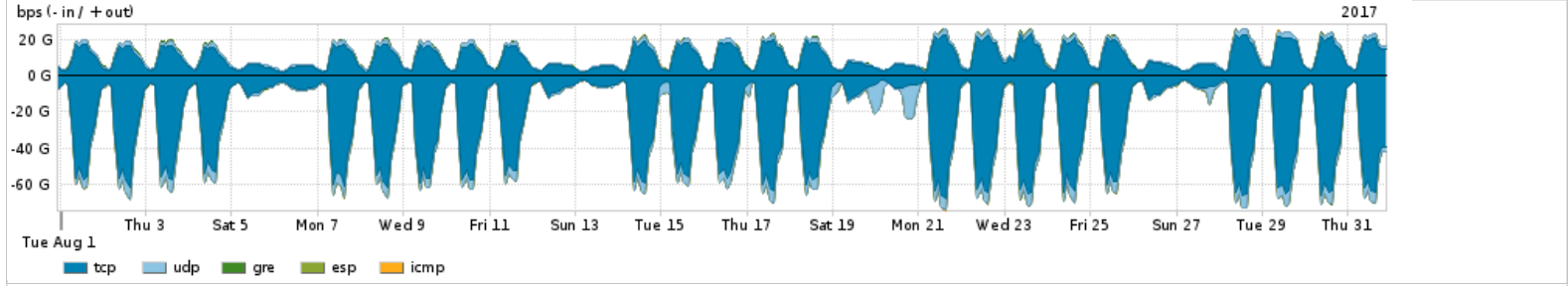
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	ssl		17.11 Gbps	5.37 Gbps	22.48 Gbps
<input checked="" type="checkbox"/>	http		6.48 Gbps	3.26 Gbps	9.73 Gbps
<input checked="" type="checkbox"/>	quit		1.60 Gbps	294.22 Mbps	1.89 Gbps
<input checked="" type="checkbox"/>	other UDP		802.92 Mbps	876.76 Mbps	1.68 Gbps
<input checked="" type="checkbox"/>	other TCP		680.82 Mbps	490.83 Mbps	1.17 Gbps
<input type="checkbox"/>	dns		265.53 Mbps	50.22 Mbps	315.75 Mbps
<input type="checkbox"/>	rsync		76.90 Mbps	51.69 Mbps	128.59 Mbps
<input type="checkbox"/>	ntp		47.90 Mbps	66.87 Mbps	114.77 Mbps
<input type="checkbox"/>	ssh		48.98 Mbps	31.34 Mbps	80.32 Mbps
<input type="checkbox"/>	smtp		33.98 Mbps	43.02 Mbps	77.00 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		25.14 Gbps	9.73 Gbps	34.88 Gbps
<input checked="" type="checkbox"/>	udp		2.87 Gbps	1.37 Gbps	4.24 Gbps
<input checked="" type="checkbox"/>	gre		21.43 Mbps	125.87 Mbps	147.30 Mbps
<input checked="" type="checkbox"/>	esp		64.63 Mbps	20.66 Mbps	85.29 Mbps
<input checked="" type="checkbox"/>	icmp		7.57 Mbps	9.18 Mbps	16.75 Mbps
<input type="checkbox"/>	255		0.00 bps	7.13 Mbps	7.13 Mbps
<input type="checkbox"/>	ipv6		2.12 Mbps	1.30 Mbps	3.42 Mbps
<input type="checkbox"/>	ipv6-icmp		916.61 Kbps	1.57 Mbps	2.49 Mbps
<input type="checkbox"/>	ah		1.98 Mbps	177.31 Kbps	2.16 Mbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipencap		12.05 Kbps	4.93 Kbps 16.98 Kbps

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