

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

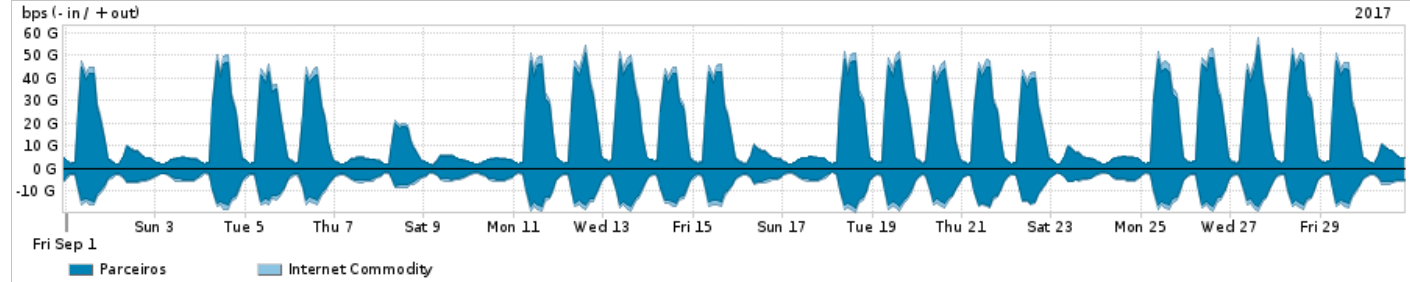
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara

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)

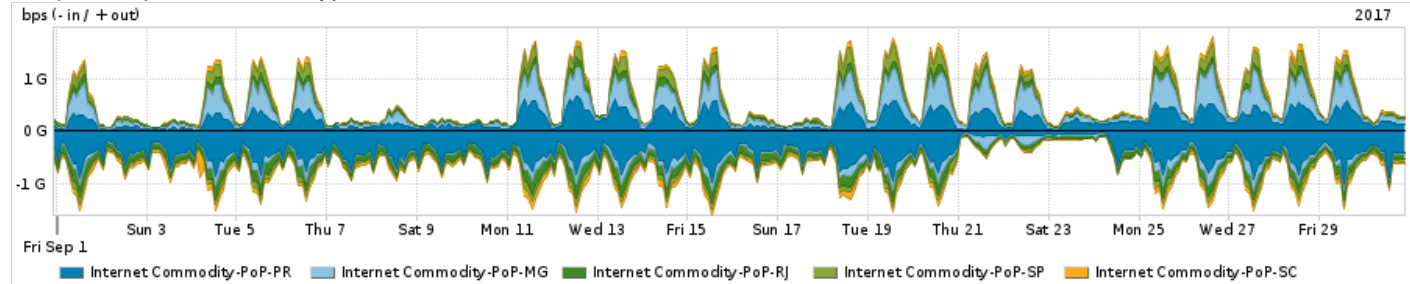
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> Parceiros		7.50 Gbps	16.74 Gbps	24.24 Gbps
<input checked="" type="checkbox"/> Internet Commodity		1.03 Gbps	1.24 Gbps	2.27 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

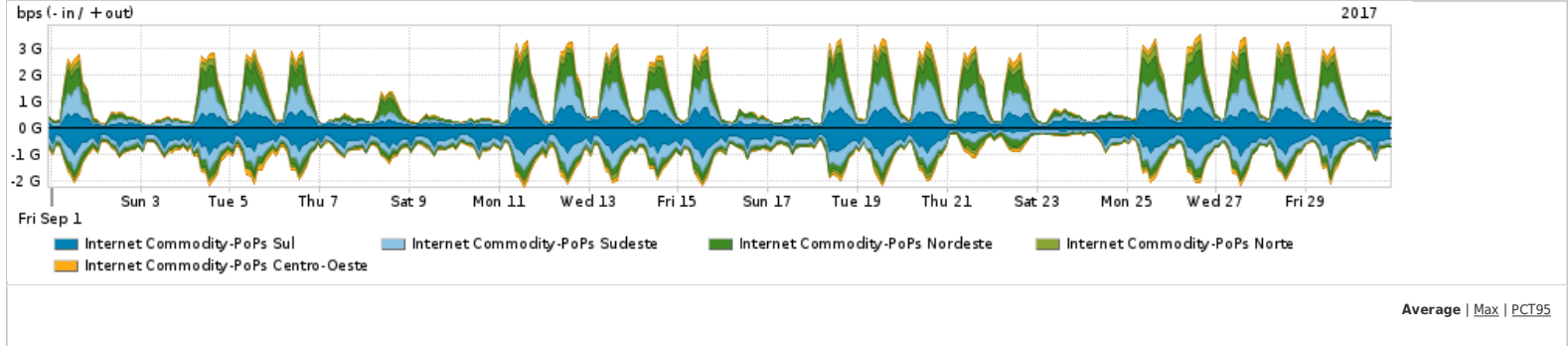


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	397.87 Mbps	210.17 Mbps	608.04 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	70.28 Mbps	203.73 Mbps	274.01 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	126.88 Mbps	56.35 Mbps	183.23 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	61.24 Mbps	84.51 Mbps	145.75 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SC	60.42 Mbps	37.98 Mbps	98.40 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	25.08 Mbps	69.68 Mbps	94.76 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	18.01 Mbps	65.30 Mbps	83.31 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	31.35 Mbps	44.17 Mbps	75.52 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	18.87 Mbps	47.65 Mbps	66.52 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	26.41 Mbps	39.40 Mbps	65.81 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	24.64 Mbps	40.82 Mbps	65.46 Mbps

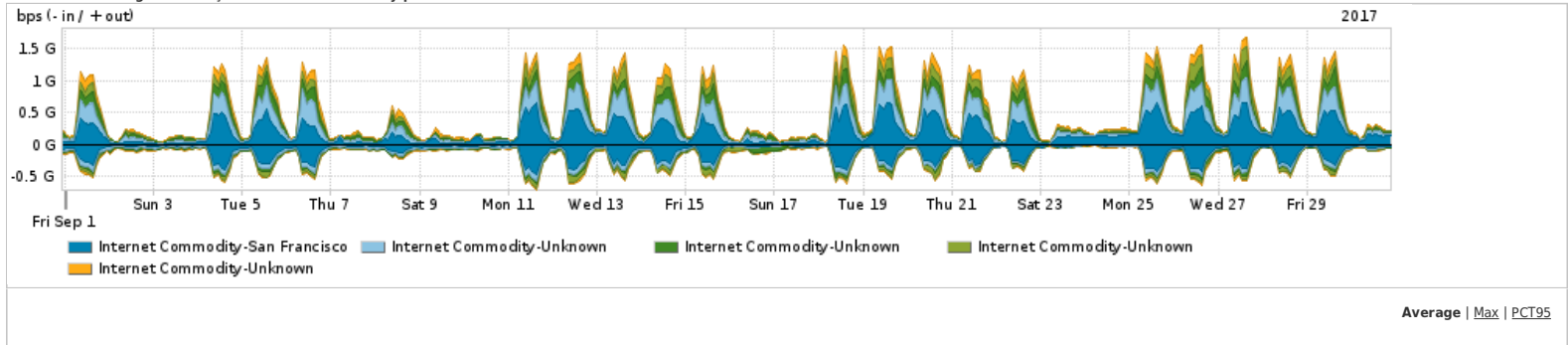
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	19.75 Mbps	34.67 Mbps	54.42 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	35.54 Mbps	16.36 Mbps	51.90 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	21.87 Mbps	28.39 Mbps	50.26 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MA	16.66 Mbps	28.60 Mbps	45.26 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	477.16 Mbps	295.80 Mbps	772.96 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	280.27 Mbps	372.98 Mbps	653.25 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	139.27 Mbps	314.17 Mbps	453.45 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	56.41 Mbps	102.93 Mbps	159.34 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	70.10 Mbps	84.93 Mbps	155.03 Mbps

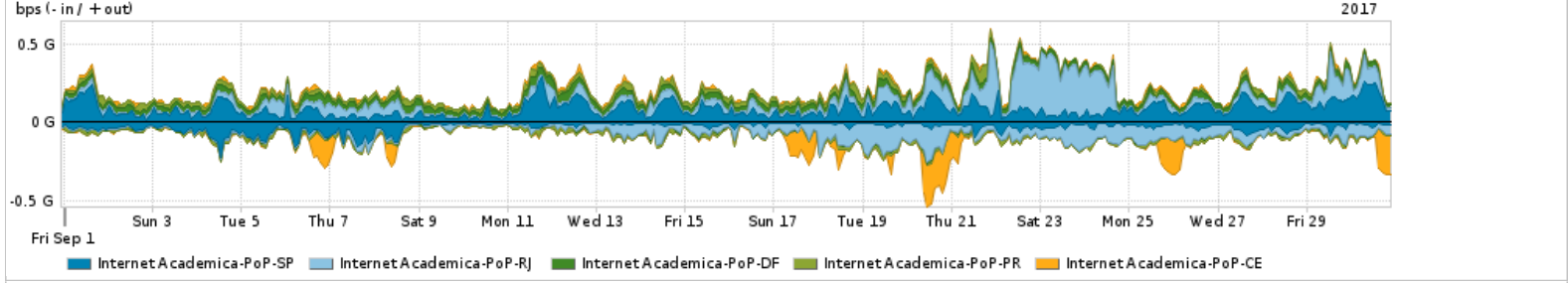
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	114.30 Mbps	184.35 Mbps	298.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	35.07 Mbps	124.50 Mbps	159.57 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	19.71 Mbps	72.99 Mbps	92.70 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	24.27 Mbps	60.45 Mbps	84.72 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	15.09 Mbps	59.67 Mbps	74.76 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	9.79 Mbps	41.71 Mbps	51.50 Mbps
<input type="checkbox"/>	Internet Commodity	Hangzhou	43.30 Mbps	1.57 Mbps	44.87 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	3.93 Mbps	33.31 Mbps	37.24 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	33.94 Mbps	1.89 Mbps	35.83 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	3.49 Mbps	31.58 Mbps	35.07 Mbps

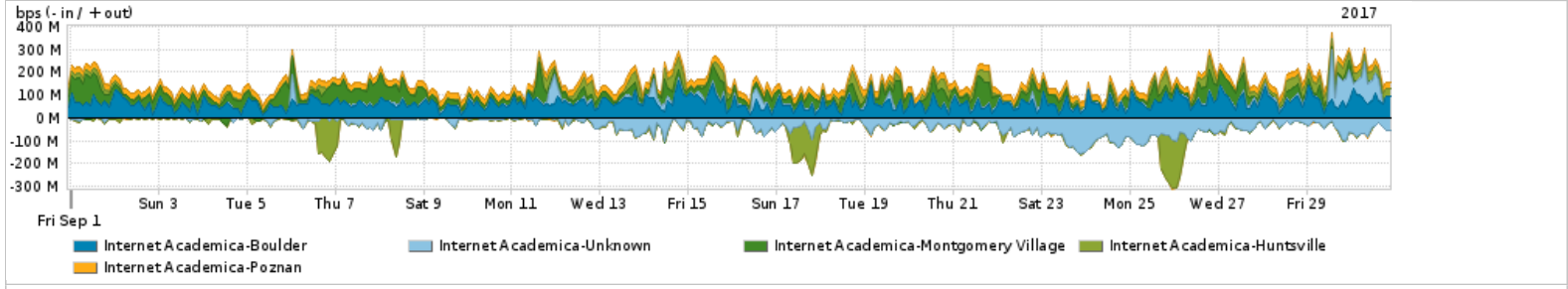
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	33.96 Mbps	82.30 Mbps	116.25 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	49.49 Mbps	63.10 Mbps	112.59 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	1.78 Mbps	35.29 Mbps	37.07 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	14.52 Mbps	22.31 Mbps	36.82 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	21.25 Mbps	7.78 Mbps	29.03 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MG	4.17 Mbps	22.48 Mbps	26.65 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	2.17 Mbps	22.07 Mbps	24.24 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	1.53 Mbps	13.12 Mbps	14.65 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	317.27 Kbps	11.45 Mbps	11.77 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MA	191.43 Kbps	7.61 Mbps	7.80 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	244.33 Kbps	7.52 Mbps	7.77 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	1.09 Mbps	5.48 Mbps	6.57 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.01 Mbps	4.82 Mbps	5.83 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	1.20 Mbps	4.18 Mbps	5.38 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	1.62 Mbps	2.42 Mbps	4.04 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

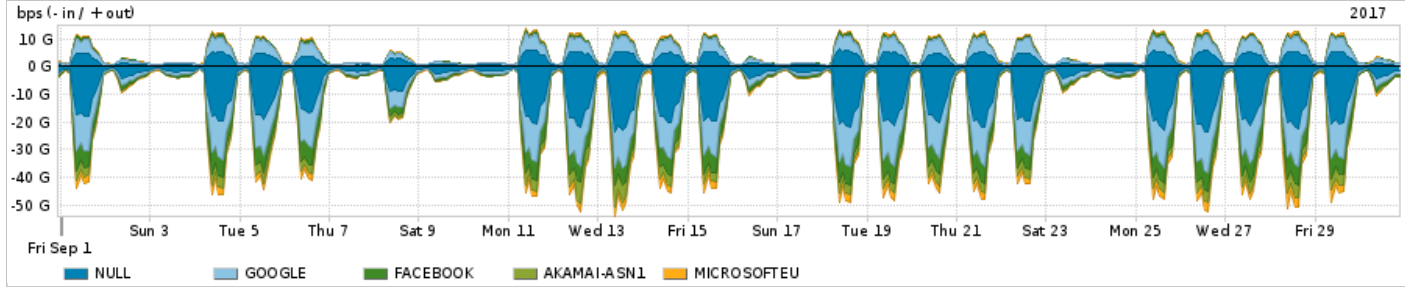


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Acadêmica	Boulder	937.41 Kbps	63.03 Mbps	63.97 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Unknown	33.24 Mbps	9.14 Mbps	42.38 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Montgomery Village	655.55 Kbps	38.14 Mbps	38.79 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Huntsville	12.60 Mbps	14.41 Mbps	27.01 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Poznan	153.69 Kbps	26.35 Mbps	26.50 Mbps
<input type="checkbox"/>	Internet Academica	Baltimore	384.37 Kbps	21.55 Mbps	21.94 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.96 Mbps	17.40 Mbps	19.36 Mbps
<input type="checkbox"/>	Internet Academica	Coyoacan	10.39 Mbps	661.04 Kbps	11.05 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	898.48 Kbps	9.67 Mbps	10.57 Mbps
<input type="checkbox"/>	Internet Academica	Asheville	89.82 Kbps	9.12 Mbps	9.21 Mbps

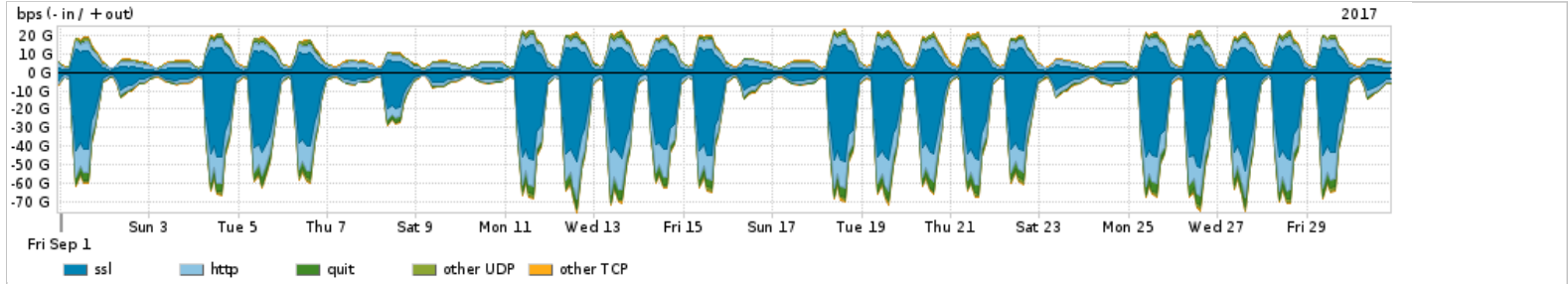
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	NULL	0	7.34 Gbps	2.09 Gbps	9.42 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	4.62 Gbps	2.21 Gbps	6.83 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	2.58 Gbps	266.19 Mbps	2.85 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.39 Gbps	38.00 Mbps	1.42 Gbps
<input checked="" type="checkbox"/>	MICROSOFTEU	8068	1.02 Gbps	249.32 Mbps	1.27 Gbps
<input type="checkbox"/>	CLARO	28573	142.44 Mbps	804.18 Mbps	946.62 Mbps
<input type="checkbox"/>	AMAZON-02	16509	612.97 Mbps	201.29 Mbps	814.26 Mbps
<input type="checkbox"/>	NETFLIX	2906	733.52 Mbps	12.81 Mbps	746.33 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	553.68 Mbps	21.22 Mbps	574.91 Mbps
<input type="checkbox"/>	APPLE	714	153.66 Mbps	303.30 Mbps	456.96 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	160.55 Mbps	210.44 Mbps	371.00 Mbps
<input type="checkbox"/>	DROPBOX	19679	254.62 Mbps	115.57 Mbps	370.19 Mbps
<input type="checkbox"/>	TELEFNICA-BRASIL-SA-BR	27699	74.76 Mbps	234.68 Mbps	309.44 Mbps
<input type="checkbox"/>	EDGECAST	15133	297.67 Mbps	6.08 Mbps	303.75 Mbps
<input type="checkbox"/>	TNLSA-BR	7738	34.17 Mbps	259.11 Mbps	293.28 Mbps

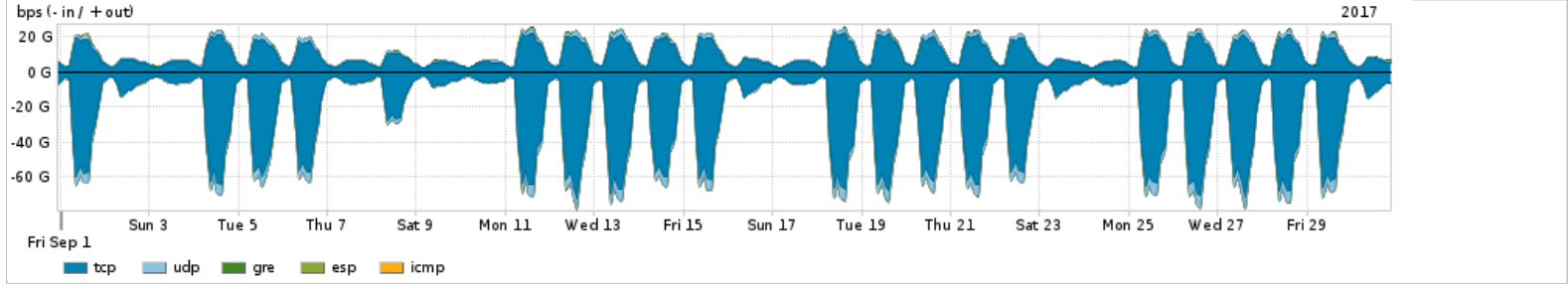
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	ssl		16.50 Gbps	5.40 Gbps	21.90 Gbps
<input checked="" type="checkbox"/>	http		5.57 Gbps	2.86 Gbps	8.43 Gbps
<input checked="" type="checkbox"/>	quit		1.48 Gbps	279.01 Mbps	1.75 Gbps
<input checked="" type="checkbox"/>	other UDP		525.90 Mbps	765.94 Mbps	1.29 Gbps
<input checked="" type="checkbox"/>	other TCP		512.71 Mbps	479.88 Mbps	992.59 Mbps
<input type="checkbox"/>	rsync		97.66 Mbps	52.14 Mbps	149.80 Mbps
<input type="checkbox"/>	dns		36.20 Mbps	52.03 Mbps	88.23 Mbps
<input type="checkbox"/>	ssh		42.64 Mbps	41.88 Mbps	84.51 Mbps
<input type="checkbox"/>	ntp		8.08 Mbps	63.44 Mbps	71.52 Mbps
<input type="checkbox"/>	smtp		30.94 Mbps	39.73 Mbps	70.66 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		23.72 Gbps	9.57 Gbps	33.29 Gbps
<input checked="" type="checkbox"/>	udp		2.20 Gbps	1.22 Gbps	3.42 Gbps
<input checked="" type="checkbox"/>	gre		26.06 Mbps	136.84 Mbps	162.89 Mbps
<input checked="" type="checkbox"/>	esp		72.12 Mbps	20.41 Mbps	92.53 Mbps
<input checked="" type="checkbox"/>	icmp		7.22 Mbps	9.50 Mbps	16.72 Mbps
<input type="checkbox"/>	ipv6-icmp		1.20 Mbps	1.95 Mbps	3.14 Mbps
<input type="checkbox"/>	ipv6		1.86 Mbps	1.12 Mbps	2.98 Mbps
<input type="checkbox"/>	255		0.00 bps	2.16 Mbps	2.16 Mbps
<input type="checkbox"/>	ah		563.01 Kbps	39.05 Kbps	602.05 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	254		34.26 Kbps	0.00 bps 34.26 Kbps

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