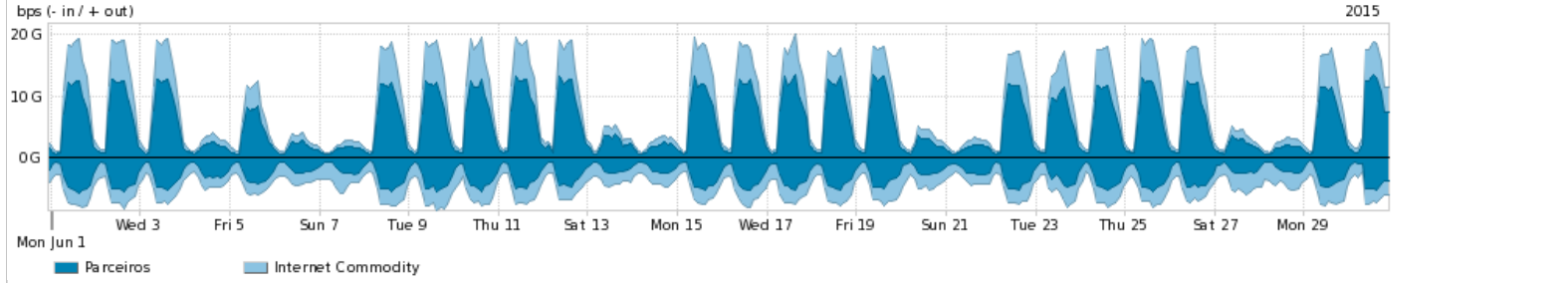


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

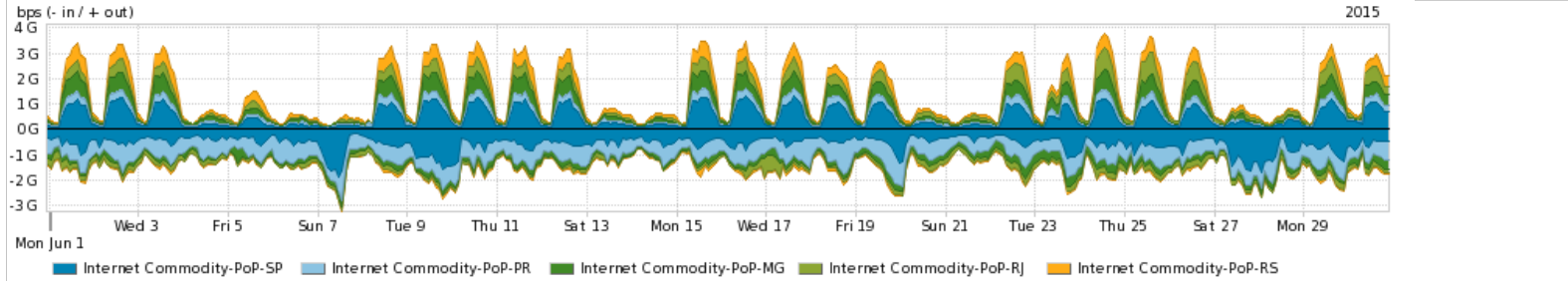
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros		2.94 Gbps	5.21 Gbps
<input checked="" type="checkbox"/> Internet Commodity		2.28 Gbps	2.66 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

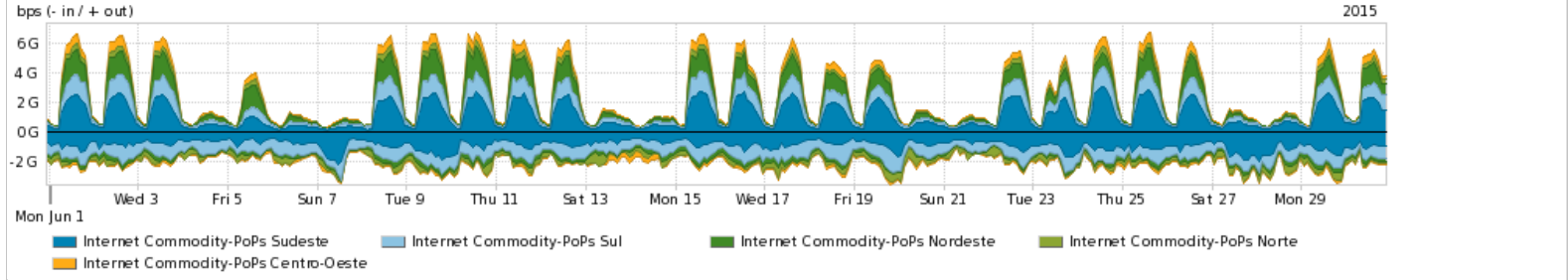


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	584.85 Mbps	456.22 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	593.22 Mbps	150.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	186.48 Mbps	282.11 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	148.03 Mbps	233.77 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RS	54.50 Mbps	255.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	200.71 Mbps	49.64 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	87.26 Mbps	150.88 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	48.18 Mbps	131.84 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	30.84 Mbps	131.20 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	39.63 Mbps	91.68 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	67.91 Mbps	56.52 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	55.79 Mbps	55.61 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	8.01 Mbps	97.22 Mbps	105.23 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	22.93 Mbps	64.77 Mbps	87.70 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PI	29.38 Mbps	54.65 Mbps	84.02 Mbps

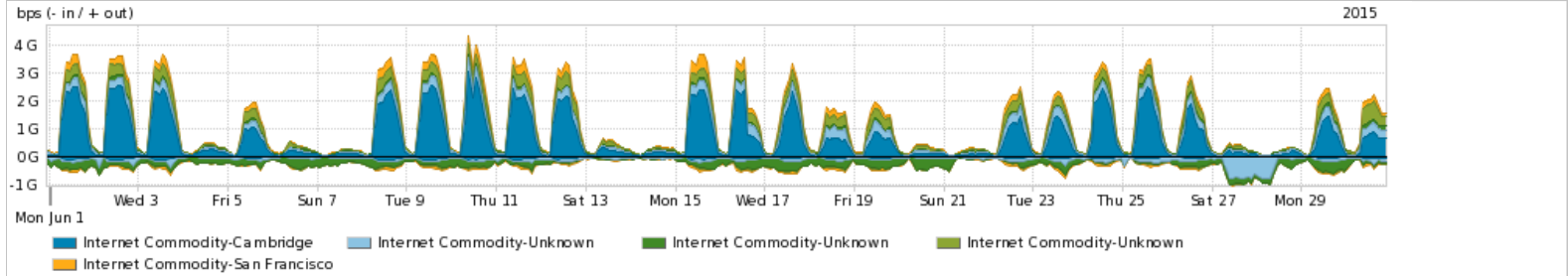
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	948.54 Mbps	1.02 Gbps	1.97 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	734.98 Mbps	556.82 Mbps	1.29 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	219.11 Mbps	591.64 Mbps	810.76 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	224.45 Mbps	153.77 Mbps	378.22 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	118.82 Mbps	233.14 Mbps	351.96 Mbps

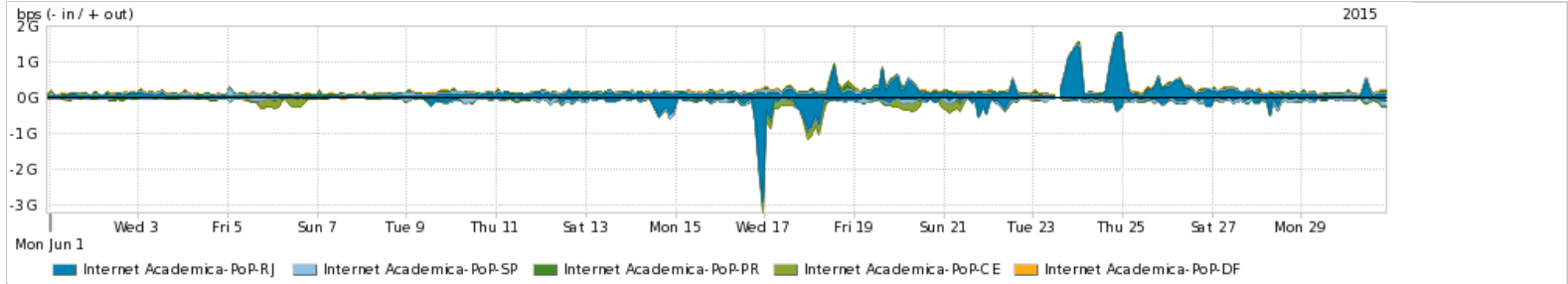
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	29.55 Mbps	676.09 Mbps	705.64 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	92.53 Mbps	158.31 Mbps	250.83 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	179.61 Mbps	57.95 Mbps	237.55 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	13.94 Mbps	186.61 Mbps	200.55 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	San Francisco	31.10 Mbps	102.04 Mbps	133.14 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	1.93 Mbps	127.74 Mbps	129.66 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	4.01 Mbps	90.62 Mbps	94.64 Mbps
<input type="checkbox"/>	Internet Commodity	Fuzhou	91.67 Mbps	401.93 Kbps	92.07 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	73.51 Mbps	657.97 Kbps	74.17 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	765.20 Kbps	62.76 Mbps	63.53 Mbps

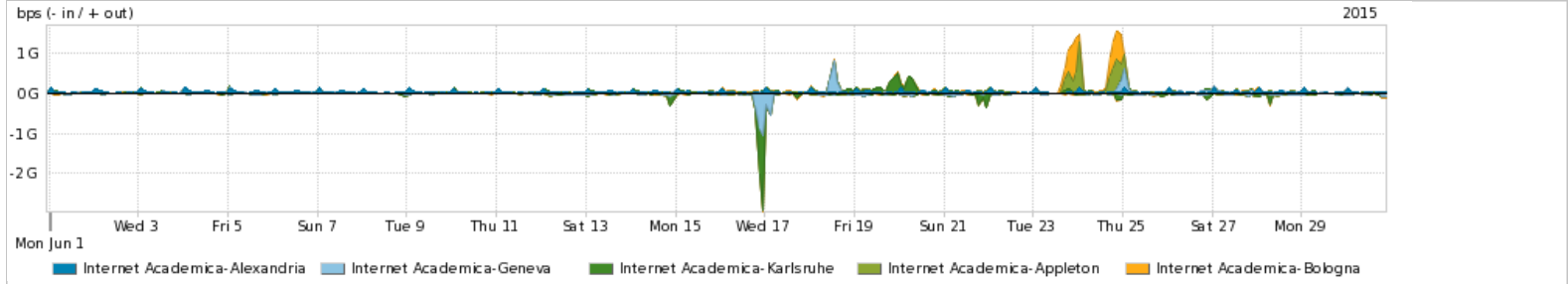
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	PoP-RJ	87.35 Mbps	123.39 Mbps	210.74 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-SP	44.36 Mbps	36.00 Mbps	80.36 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-PR	13.21 Mbps	20.88 Mbps	34.09 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-CE	23.34 Mbps	5.76 Mbps	29.10 Mbps
<input checked="" type="checkbox"/>	Internet Academica	PoP-DF	1.75 Mbps	16.67 Mbps	18.41 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	2.00 Mbps	12.15 Mbps	14.15 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.99 Mbps	10.68 Mbps	12.67 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	1.68 Mbps	5.48 Mbps	7.16 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	212.94 Kbps	2.38 Mbps	2.59 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	456.48 Kbps	1.49 Mbps	1.95 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	557.56 Kbps	1.15 Mbps	1.71 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	415.74 Kbps	1.19 Mbps	1.61 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SE	20.67 Kbps	1.54 Mbps	1.56 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	359.03 Kbps	852.18 Kbps	1.21 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RN	48.95 Kbps	983.38 Kbps	1.03 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

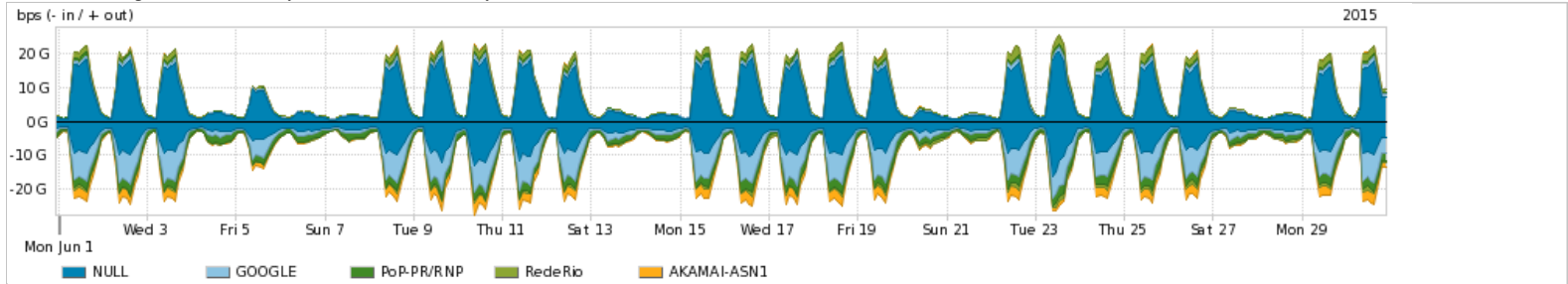


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Academica	Alexandria	548.25 Kbps	39.57 Mbps	40.12 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Geneva	22.04 Mbps	9.13 Mbps	31.17 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Karlsruhe	17.05 Mbps	12.37 Mbps	29.41 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Appleton	3.34 Mbps	17.49 Mbps	20.82 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Bologna	2.03 Mbps	18.04 Mbps	20.07 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Cern	8.59 Mbps	6.08 Mbps	14.66 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	224.11 Kbps	13.93 Mbps	14.16 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	4.90 Mbps	8.69 Mbps	13.59 Mbps
<input type="checkbox"/>	Internet Academica	New Orleans	5.61 Mbps	7.05 Mbps	12.66 Mbps
<input type="checkbox"/>	Internet Academica	Berlin	11.70 Mbps	137.34 Kbps	11.84 Mbps

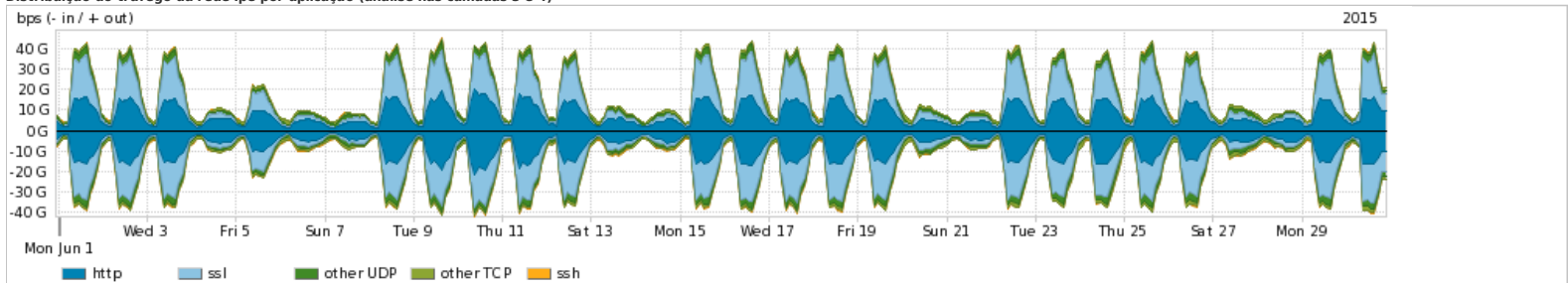
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> NULL		0	4.62 Gbps	6.38 Gbps	11.00 Gbps
<input checked="" type="checkbox"/> GOOGLE	15169		3.26 Gbps	492.79 Mbps	3.76 Gbps
<input checked="" type="checkbox"/> PoP-PR/RNP	10881		1.71 Gbps	397.35 Mbps	2.10 Gbps
<input checked="" type="checkbox"/> RedeRio	2715		470.93 Mbps	735.16 Mbps	1.21 Gbps
<input checked="" type="checkbox"/> AKAMAI-ASN1	20940		965.69 Mbps	35.60 Mbps	1.00 Gbps
<input type="checkbox"/> NET	28573		92.76 Mbps	783.21 Mbps	875.96 Mbps
<input type="checkbox"/> USPnet	28571		588.01 Mbps	256.62 Mbps	844.63 Mbps
<input type="checkbox"/> RedeTche	2716		144.39 Mbps	617.63 Mbps	762.02 Mbps
<input type="checkbox"/> FACEBOOK	32934		645.64 Mbps	75.40 Mbps	721.04 Mbps
<input type="checkbox"/> PoP-BA/RNP	53164		5.77 Mbps	522.47 Mbps	528.25 Mbps
<input type="checkbox"/> UFDSC	10715		93.05 Mbps	401.09 Mbps	494.14 Mbps
<input type="checkbox"/> 263300	263300		192.32 Mbps	261.79 Mbps	454.11 Mbps
<input type="checkbox"/> UFDP	262511		117.87 Mbps	237.89 Mbps	355.76 Mbps
<input type="checkbox"/> Microsoft-MSN-AS	8075		138.70 Mbps	211.69 Mbps	350.39 Mbps
<input type="checkbox"/> Oi	7738		29.43 Mbps	299.39 Mbps	328.83 Mbps

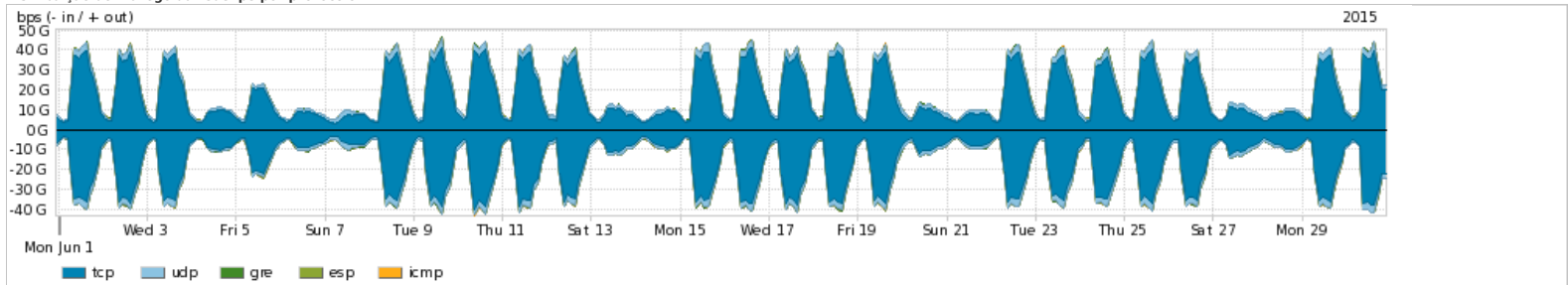
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		7.99 Gbps	7.78 Gbps	15.78 Gbps
<input checked="" type="checkbox"/>	ssl		6.85 Gbps	7.21 Gbps	14.05 Gbps
<input checked="" type="checkbox"/>	other UDP		1.71 Gbps	1.83 Gbps	3.55 Gbps
<input checked="" type="checkbox"/>	other TCP		1.29 Gbps	1.24 Gbps	2.53 Gbps
<input checked="" type="checkbox"/>	ssh		249.95 Mbps	83.28 Mbps	333.23 Mbps
<input type="checkbox"/>	dns		157.90 Mbps	156.41 Mbps	314.32 Mbps
<input type="checkbox"/>	ntp		109.55 Mbps	131.26 Mbps	240.81 Mbps
<input type="checkbox"/>	macromedia-fcs		113.46 Mbps	112.74 Mbps	226.20 Mbps
<input type="checkbox"/>	rsync		76.69 Mbps	63.83 Mbps	140.52 Mbps
<input type="checkbox"/>	smtp		61.21 Mbps	60.97 Mbps	122.19 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		16.83 Gbps	16.74 Gbps	33.57 Gbps
<input checked="" type="checkbox"/>	udp		1.99 Gbps	2.14 Gbps	4.13 Gbps
<input checked="" type="checkbox"/>	gre		55.24 Mbps	62.26 Mbps	117.50 Mbps
<input checked="" type="checkbox"/>	esp		48.55 Mbps	36.19 Mbps	84.75 Mbps
<input checked="" type="checkbox"/>	icmp		11.62 Mbps	11.72 Mbps	23.34 Mbps
<input type="checkbox"/>	ipv6		4.24 Mbps	4.18 Mbps	8.42 Mbps
<input type="checkbox"/>	ah		998.58 Kbps	996.07 Kbps	1.99 Mbps
<input type="checkbox"/>	pim		268.66 Kbps	903.00 bps	269.56 Kbps
<input type="checkbox"/>	254		35.24 Kbps	39.15 Kbps	74.39 Kbps
<input type="checkbox"/>	142		32.93 Kbps	31.99 Kbps	64.93 Kbps

For assistance with this product, please contact support@arbornetworks.com.