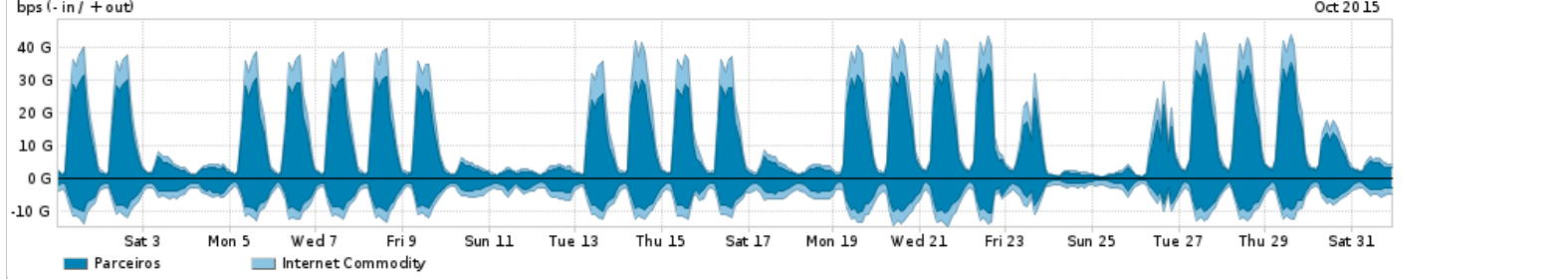


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

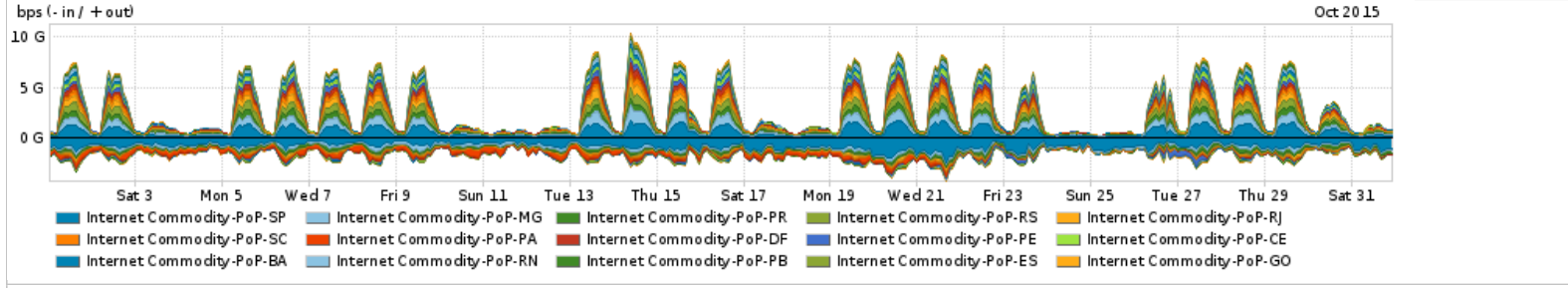
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input type="checkbox"/> Parceiros		4.54 Gbps	10.35 Gbps
<input type="checkbox"/> Internet Commodity		2.06 Gbps	3.25 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

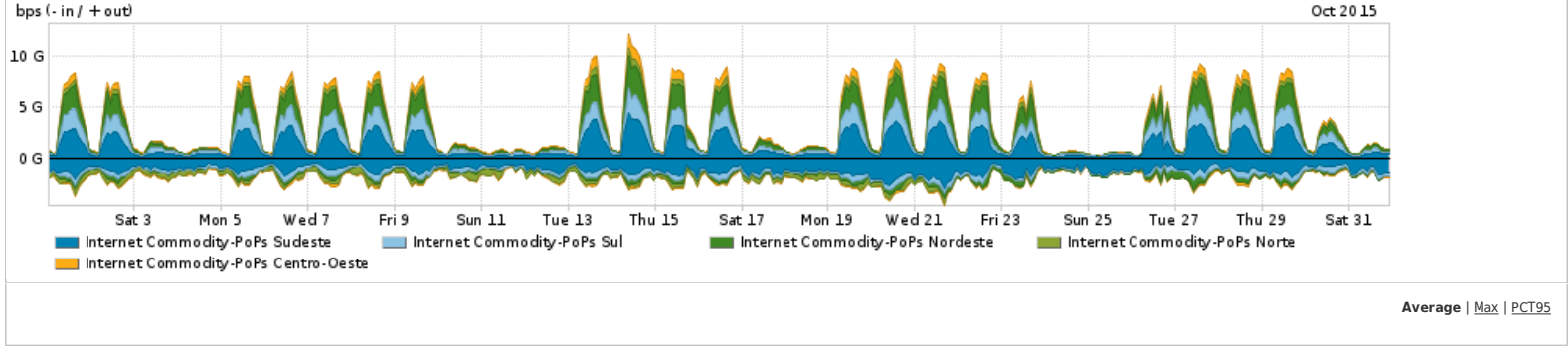


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-SP	831.96 Mbps	514.95 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	187.63 Mbps	344.25 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PR	180.23 Mbps	244.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	48.09 Mbps	310.91 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	78.24 Mbps	223.08 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	91.29 Mbps	183.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	196.59 Mbps	57.64 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	54.04 Mbps	155.10 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	58.98 Mbps	132.78 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	28.90 Mbps	153.74 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	20.67 Mbps	129.66 Mbps

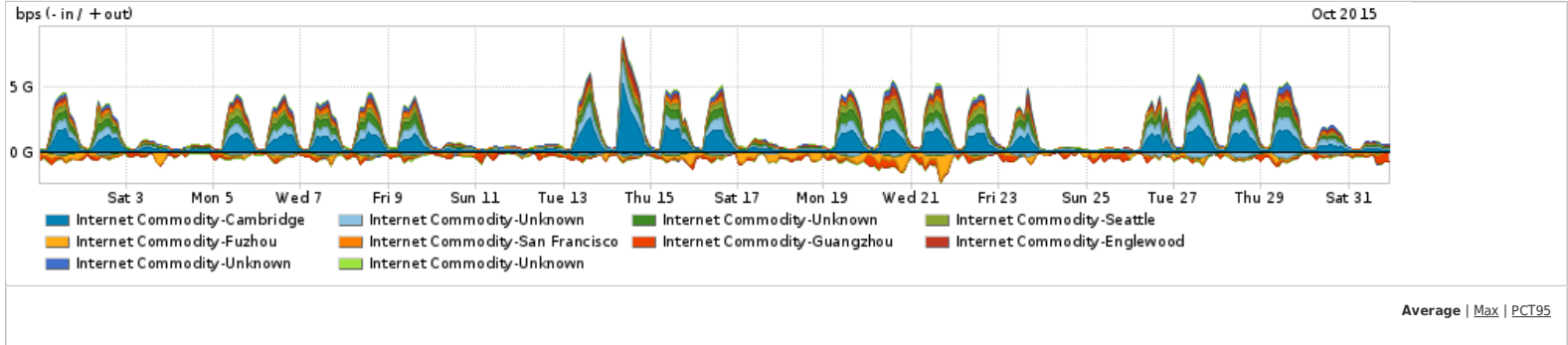
PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-RN	6.37 Mbps	129.30 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	37.04 Mbps	72.23 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	36.08 Mbps	64.52 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	30.24 Mbps	68.70 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoPs Sudeste	1.13 Gbps	1.15 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sul	319.61 Mbps	738.35 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	218.79 Mbps	811.68 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	222.65 Mbps	185.68 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	99.19 Mbps	285.67 Mbps

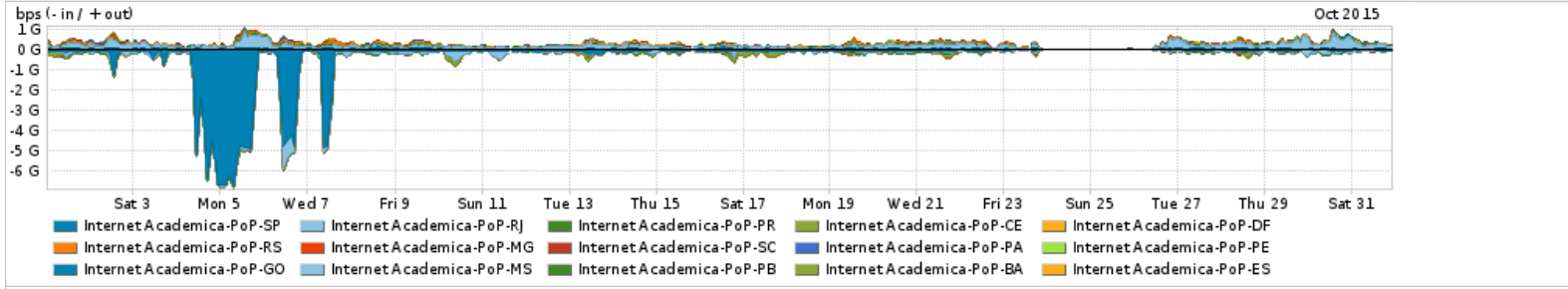
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	Cambridge	35.80 Mbps	552.01 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	87.17 Mbps	307.62 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	21.48 Mbps	259.09 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	19.00 Mbps	156.07 Mbps
<input type="checkbox"/>	Internet Commodity	Fuzhou	166.99 Mbps	203.55 Kbps
<input type="checkbox"/>	Internet Commodity	San Francisco	33.83 Mbps	131.41 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	142.82 Mbps	1.26 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	2.58 Mbps	129.30 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	4.72 Mbps	124.50 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	59.10 Mbps	67.10 Mbps	126.20 Mbps

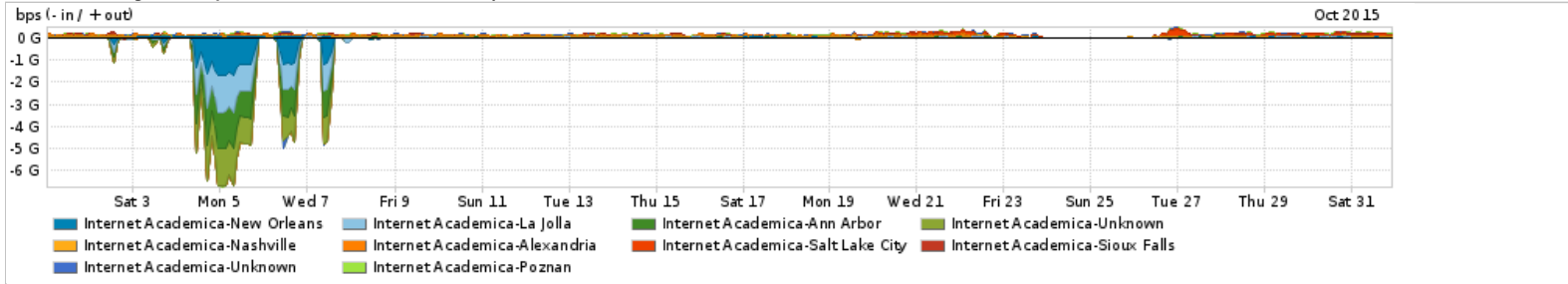
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	PoP-SP	372.88 Mbps	48.99 Mbps	421.87 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RJ	89.39 Mbps	157.66 Mbps	247.05 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PR	18.04 Mbps	23.20 Mbps	41.24 Mbps
<input type="checkbox"/>	Internet Academica	PoP-CE	21.19 Mbps	15.18 Mbps	36.37 Mbps
<input type="checkbox"/>	Internet Academica	PoP-DF	1.89 Mbps	17.62 Mbps	19.51 Mbps
<input type="checkbox"/>	Internet Academica	PoP-RS	1.61 Mbps	16.37 Mbps	17.98 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MG	3.23 Mbps	12.20 Mbps	15.43 Mbps
<input type="checkbox"/>	Internet Academica	PoP-SC	2.19 Mbps	7.72 Mbps	9.91 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PA	214.58 Kbps	5.11 Mbps	5.32 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PE	1.30 Mbps	3.20 Mbps	4.51 Mbps
<input type="checkbox"/>	Internet Academica	PoP-GO	363.75 Kbps	3.70 Mbps	4.06 Mbps
<input type="checkbox"/>	Internet Academica	PoP-MS	224.50 Kbps	3.25 Mbps	3.48 Mbps
<input type="checkbox"/>	Internet Academica	PoP-PB	368.80 Kbps	2.30 Mbps	2.67 Mbps
<input type="checkbox"/>	Internet Academica	PoP-BA	271.69 Kbps	2.07 Mbps	2.34 Mbps
<input type="checkbox"/>	Internet Academica	PoP-ES	439.99 Kbps	1.75 Mbps	2.19 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

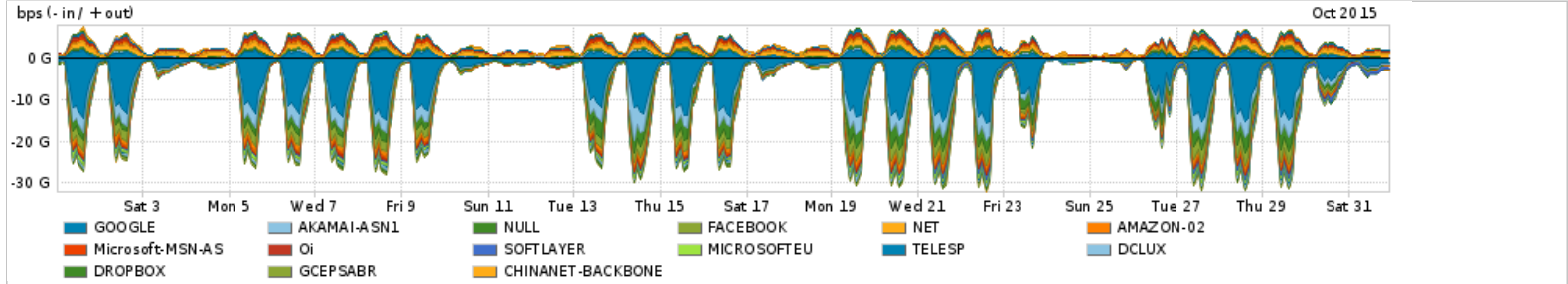


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	New Orleans	92.27 Mbps	9.30 Mbps	101.57 Mbps
<input type="checkbox"/>	Internet Academica	La Jolla	86.32 Mbps	1.77 Mbps	88.09 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Ann Arbor	84.91 Mbps	485.17 Kbps	85.39 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	84.44 Mbps	255.02 Kbps	84.70 Mbps
<input type="checkbox"/>	Internet Academica	Nashville	1.94 Mbps	34.95 Mbps	36.90 Mbps
<input type="checkbox"/>	Internet Academica	Alexandria	395.17 Kbps	30.19 Mbps	30.58 Mbps
<input type="checkbox"/>	Internet Academica	Salt Lake City	304.66 Kbps	27.35 Mbps	27.65 Mbps
<input type="checkbox"/>	Internet Academica	Sioux Falls	1.66 Mbps	15.49 Mbps	17.15 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	5.21 Mbps	11.00 Mbps	16.21 Mbps
<input type="checkbox"/>	Internet Academica	Poznan	259.22 Kbps	15.15 Mbps	15.41 Mbps

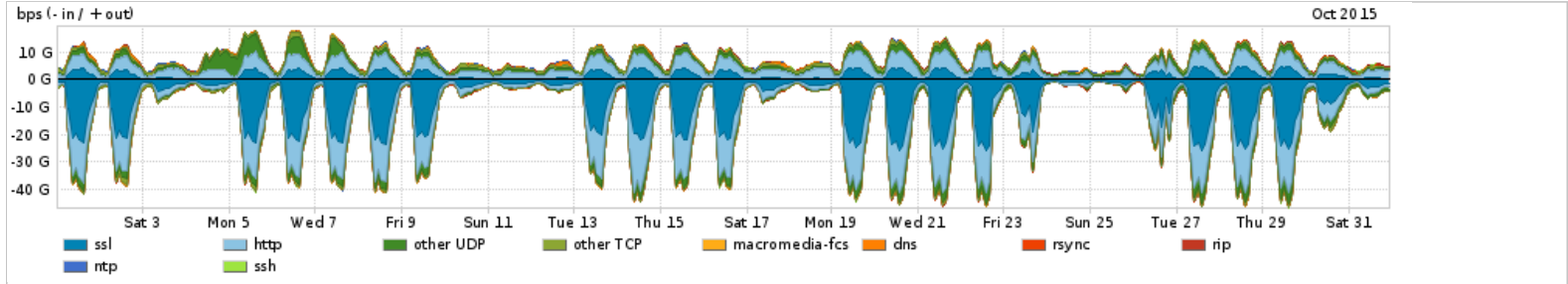
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	4.44 Gbps	671.86 Mbps	5.12 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.15 Gbps	45.77 Mbps	1.20 Gbps
<input type="checkbox"/>	NULL	0	888.53 Mbps	153.06 Mbps	1.04 Gbps
<input type="checkbox"/>	FACEBOOK	32934	862.34 Mbps	117.07 Mbps	979.41 Mbps
<input type="checkbox"/>	NET	28573	102.35 Mbps	854.27 Mbps	956.62 Mbps
<input type="checkbox"/>	AMAZON-02	16509	368.73 Mbps	92.37 Mbps	461.10 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	215.21 Mbps	219.46 Mbps	434.68 Mbps
<input type="checkbox"/>	Oi	7738	43.33 Mbps	312.54 Mbps	355.88 Mbps
<input type="checkbox"/>	SOFTLAYER	36351	329.10 Mbps	17.46 Mbps	346.56 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	302.77 Mbps	5.79 Mbps	308.55 Mbps
<input type="checkbox"/>	TELESP	27699	50.85 Mbps	230.90 Mbps	281.76 Mbps
<input type="checkbox"/>	DCLUX	24611	255.52 Mbps	20.62 Mbps	276.15 Mbps
<input type="checkbox"/>	DROPBOX	19679	171.80 Mbps	82.91 Mbps	254.71 Mbps
<input type="checkbox"/>	GCEPSABR	28604	221.30 Mbps	19.39 Mbps	240.69 Mbps
<input type="checkbox"/>	CHINANET-BACKBONE	4134	5.22 Mbps	226.33 Mbps	231.55 Mbps

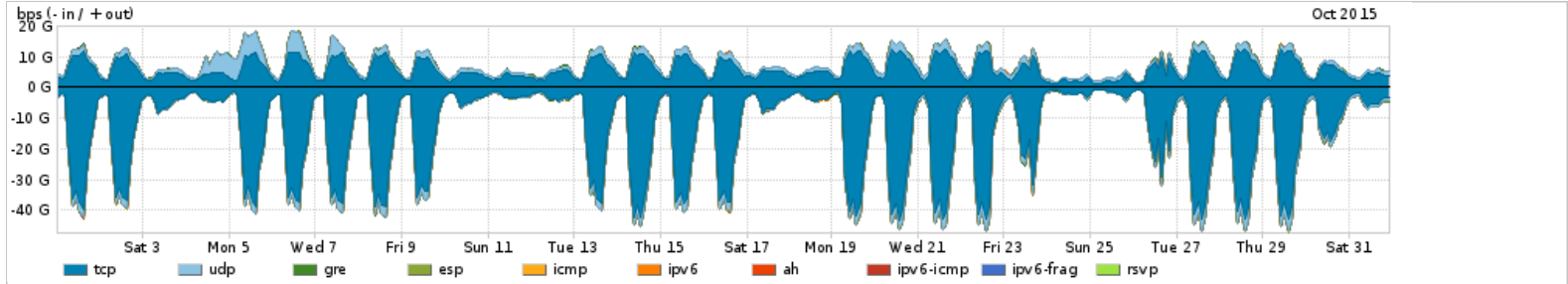
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/> ssl		7.63 Gbps	1.49 Gbps	9.12 Gbps
<input type="checkbox"/> http		5.05 Gbps	3.10 Gbps	8.15 Gbps
<input type="checkbox"/> other UDP		1.16 Gbps	1.40 Gbps	2.56 Gbps
<input type="checkbox"/> other TCP		589.65 Mbps	841.06 Mbps	1.43 Gbps
<input type="checkbox"/> macromedia-fcs		82.53 Mbps	86.09 Mbps	168.62 Mbps
<input type="checkbox"/> dns		28.43 Mbps	132.52 Mbps	160.95 Mbps
<input type="checkbox"/> rsync		127.78 Mbps	23.43 Mbps	151.21 Mbps
<input type="checkbox"/> rip		1.04 Mbps	138.74 Mbps	139.77 Mbps
<input type="checkbox"/> ntp		5.66 Mbps	89.15 Mbps	94.80 Mbps
<input type="checkbox"/> ssh		22.74 Mbps	49.18 Mbps	71.92 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/> tcp		13.65 Gbps	5.81 Gbps	19.46 Gbps
<input type="checkbox"/> udp		1.21 Gbps	1.68 Gbps	2.89 Gbps
<input type="checkbox"/> gre		17.59 Mbps	41.90 Mbps	59.50 Mbps
<input type="checkbox"/> esp		14.07 Mbps	9.85 Mbps	23.91 Mbps
<input type="checkbox"/> icmp		4.93 Mbps	5.11 Mbps	10.05 Mbps
<input type="checkbox"/> ipv6		2.52 Mbps	2.95 Mbps	5.47 Mbps
<input type="checkbox"/> ah		433.51 Kbps	652.41 Kbps	1.09 Mbps
<input type="checkbox"/> ipv6-icmp		142.19 Kbps	55.22 Kbps	197.41 Kbps
<input type="checkbox"/> ipv6-frag		13.00 bps	2.47 Kbps	2.48 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	rsvp		64.00 bps	110.00 bps 174.00 bps

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