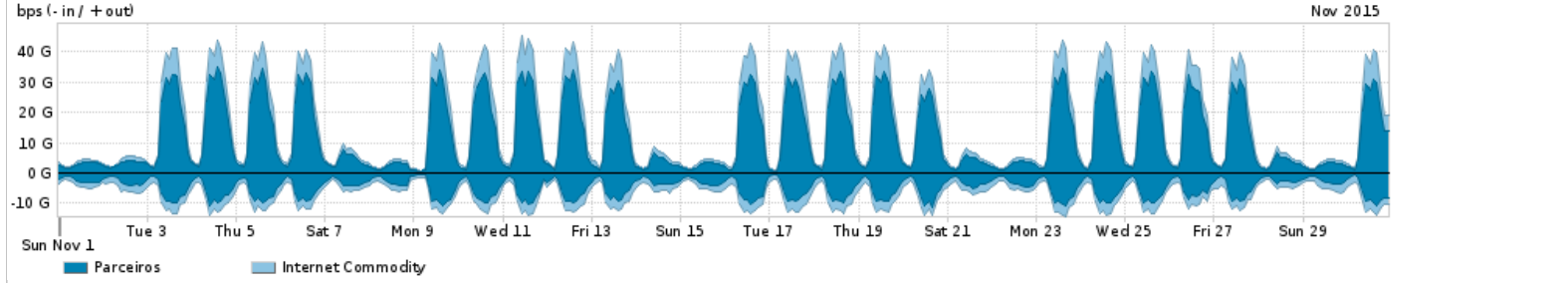


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

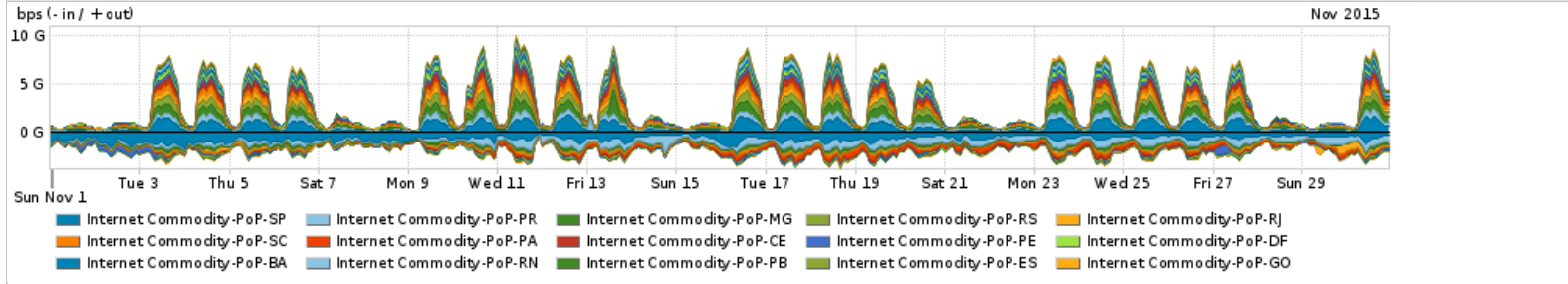
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/> Parceiros		4.84 Gbps	11.80 Gbps	16.64 Gbps
<input type="checkbox"/> Internet Commodity		2.30 Gbps	3.52 Gbps	5.82 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

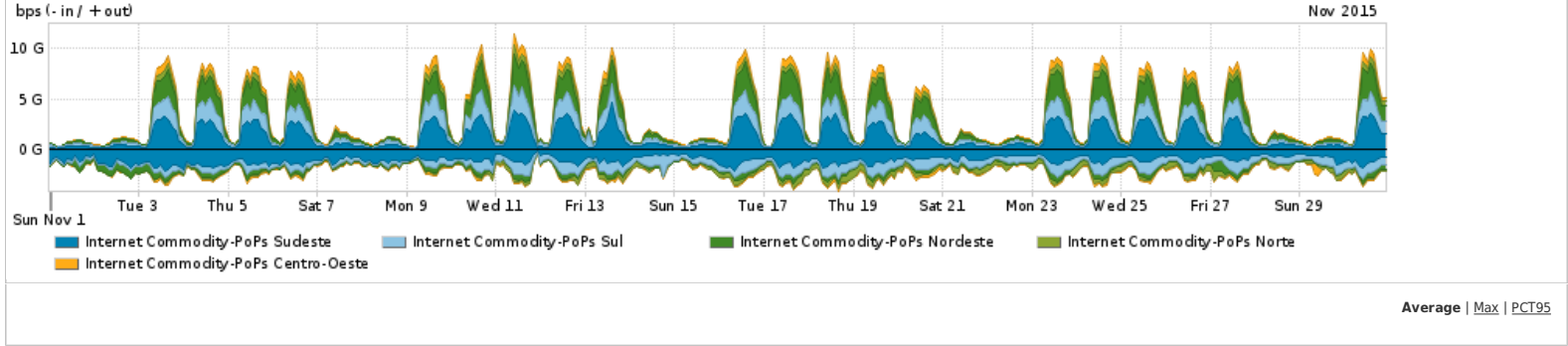


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-SP	678.32 Mbps	529.12 Mbps	1.21 Gbps
<input type="checkbox"/>	Internet Commodity	PoP-PR	471.29 Mbps	263.80 Mbps	735.09 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-MG	160.70 Mbps	384.57 Mbps	545.26 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	61.80 Mbps	320.70 Mbps	382.51 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RJ	115.64 Mbps	224.05 Mbps	339.69 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	102.08 Mbps	191.03 Mbps	293.12 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PA	171.28 Mbps	77.39 Mbps	248.67 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	48.53 Mbps	188.70 Mbps	237.23 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	91.04 Mbps	146.10 Mbps	237.13 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	59.10 Mbps	147.70 Mbps	206.80 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	29.26 Mbps	140.69 Mbps	169.95 Mbps

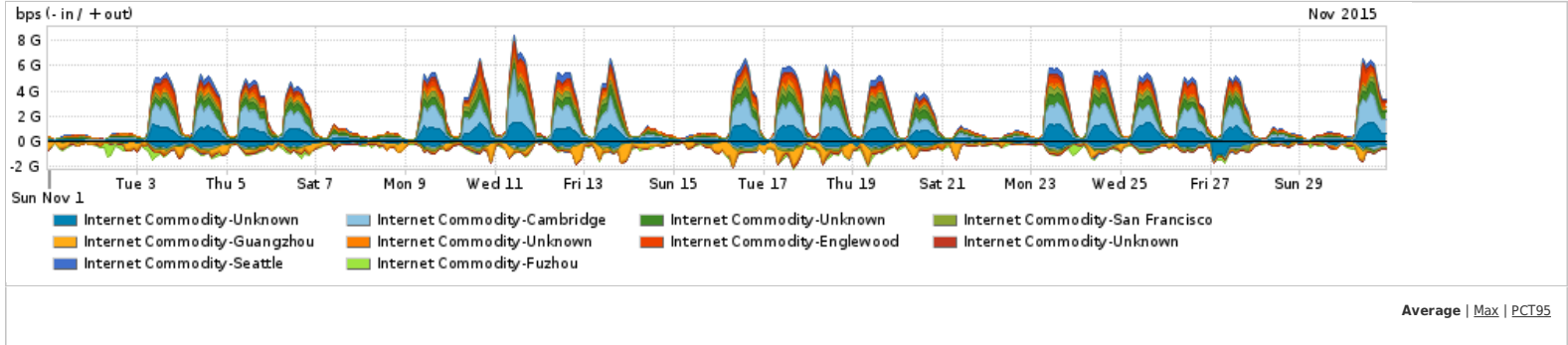
PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	14.20 Mbps	145.66 Mbps	159.86 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	46.34 Mbps	83.44 Mbps	129.79 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	49.05 Mbps	79.70 Mbps	128.75 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	47.81 Mbps	72.71 Mbps	120.52 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	1.00 Gbps	1.22 Gbps	2.22 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Sul	635.17 Mbps	775.54 Mbps	1.41 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Nordeste	289.43 Mbps	929.36 Mbps	1.22 Gbps
<input type="checkbox"/>	Internet Commodity	PoPs Norte	207.02 Mbps	222.95 Mbps	429.97 Mbps
<input type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	121.95 Mbps	288.01 Mbps	409.95 Mbps

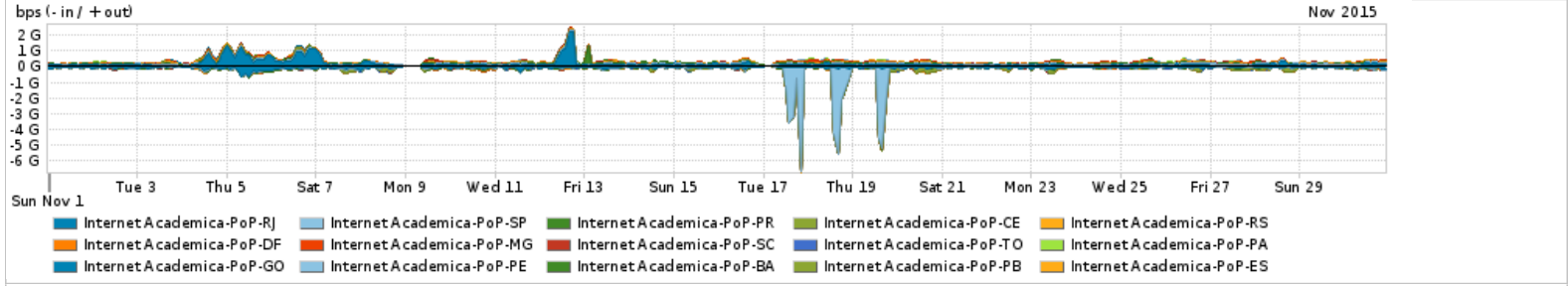
Interesse de tráfego do serviço de Internet Commodity por cidade



PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	Unknown	179.83 Mbps	454.00 Mbps	633.83 Mbps
<input type="checkbox"/>	Internet Commodity	Cambridge	38.84 Mbps	592.93 Mbps	631.77 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	20.21 Mbps	298.61 Mbps	318.81 Mbps
<input type="checkbox"/>	Internet Commodity	San Francisco	64.29 Mbps	181.09 Mbps	245.39 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	223.41 Mbps	1.83 Mbps	225.23 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	34.80 Mbps	167.51 Mbps	202.31 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	2.78 Mbps	196.05 Mbps	198.83 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	82.61 Mbps	75.38 Mbps	157.98 Mbps
<input type="checkbox"/>	Internet Commodity	Seattle	5.42 Mbps	137.77 Mbps	143.19 Mbps

PROFILE	CITY	IN	OUT	TOTAL
Internet Commodity	Fuzhou	76.77 Mbps	354.25 Kbps	77.13 Mbps

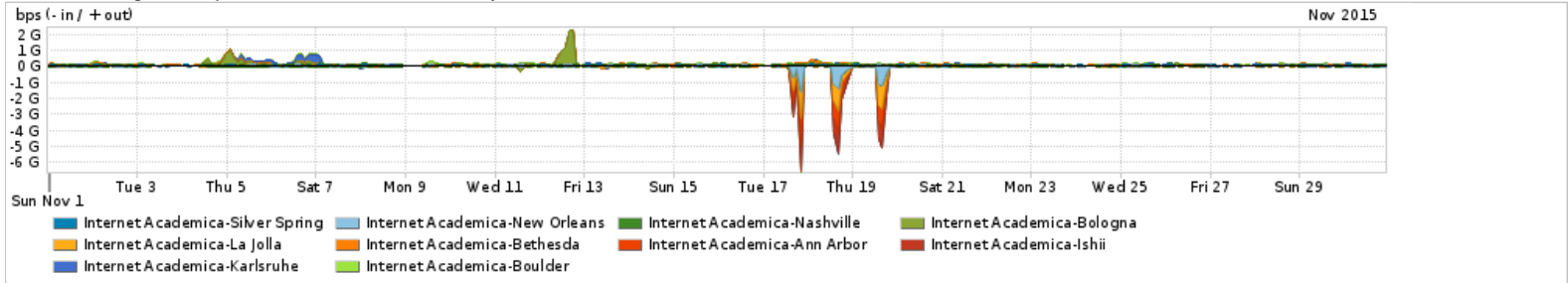
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
Internet Academica	PoP-RJ	66.14 Mbps	173.73 Mbps	239.87 Mbps
Internet Academica	PoP-SP	144.46 Mbps	59.03 Mbps	203.49 Mbps
Internet Academica	PoP-PR	20.95 Mbps	35.92 Mbps	56.87 Mbps
Internet Academica	PoP-CE	27.48 Mbps	11.52 Mbps	39.00 Mbps
Internet Academica	PoP-RS	2.03 Mbps	22.64 Mbps	24.67 Mbps
Internet Academica	PoP-DF	3.37 Mbps	20.73 Mbps	24.10 Mbps
Internet Academica	PoP-MG	2.41 Mbps	17.56 Mbps	19.97 Mbps
Internet Academica	PoP-SC	2.74 Mbps	8.64 Mbps	11.39 Mbps
Internet Academica	PoP-TO	9.22 Mbps	336.68 Kbps	9.55 Mbps
Internet Academica	PoP-PA	205.36 Kbps	5.46 Mbps	5.67 Mbps
Internet Academica	PoP-GO	369.08 Kbps	4.29 Mbps	4.66 Mbps
Internet Academica	PoP-PE	1.28 Mbps	2.93 Mbps	4.21 Mbps
Internet Academica	PoP-BA	438.41 Kbps	3.69 Mbps	4.13 Mbps
Internet Academica	PoP-PB	760.29 Kbps	2.08 Mbps	2.84 Mbps
Internet Academica	PoP-ES	492.55 Kbps	1.98 Mbps	2.47 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

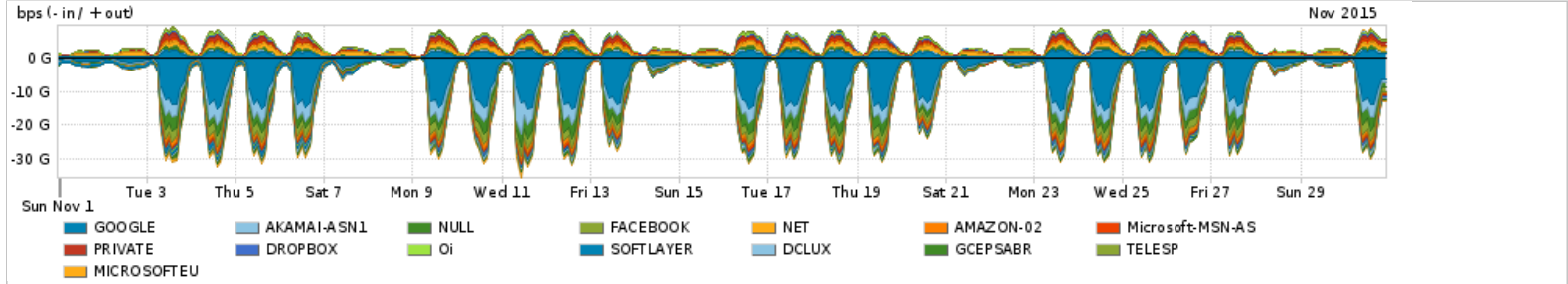


Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL
Internet Academica	Silver Spring	644.37 Kbps	46.49 Mbps	47.13 Mbps
Internet Academica	New Orleans	31.70 Mbps	11.67 Mbps	43.37 Mbps

PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Nashville	5.64 Mbps	37.14 Mbps	42.78 Mbps
<input type="checkbox"/>	Internet Academica	Bologna	4.06 Mbps	33.95 Mbps	38.00 Mbps
<input type="checkbox"/>	Internet Academica	La Jolla	27.77 Mbps	1.57 Mbps	29.34 Mbps
<input type="checkbox"/>	Internet Academica	Bethesda	819.43 Kbps	24.57 Mbps	25.39 Mbps
<input type="checkbox"/>	Internet Academica	Ann Arbor	24.69 Mbps	498.56 Kbps	25.19 Mbps
<input type="checkbox"/>	Internet Academica	Ishii	24.23 Mbps	318.00 bps	24.23 Mbps
<input type="checkbox"/>	Internet Academica	Karlsruhe	3.31 Mbps	19.75 Mbps	23.06 Mbps
<input type="checkbox"/>	Internet Academica	Boulder	654.44 Kbps	17.92 Mbps	18.57 Mbps

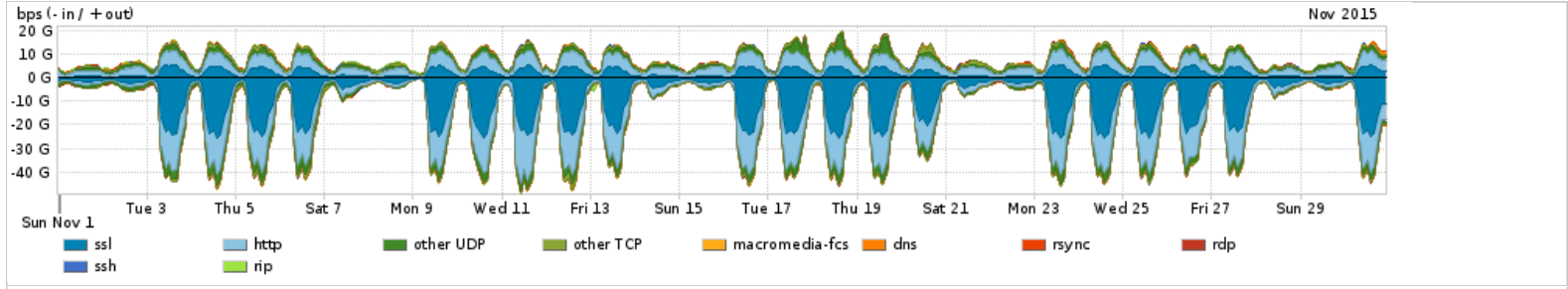
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	GOOGLE	15169	5.09 Gbps	746.54 Mbps	5.83 Gbps
<input type="checkbox"/>	AKAMAI-ASN1	20940	1.31 Gbps	49.47 Mbps	1.36 Gbps
<input type="checkbox"/>	NULL	0	1.06 Gbps	160.88 Mbps	1.22 Gbps
<input type="checkbox"/>	FACEBOOK	32934	974.49 Mbps	146.89 Mbps	1.12 Gbps
<input type="checkbox"/>	NET	28573	113.55 Mbps	876.19 Mbps	989.74 Mbps
<input type="checkbox"/>	AMAZON-02	16509	410.88 Mbps	112.11 Mbps	522.99 Mbps
<input type="checkbox"/>	Microsoft-MSN-AS	8075	236.68 Mbps	258.60 Mbps	495.29 Mbps
<input type="checkbox"/>	PRIVATE	65011	0.00 bps	484.24 Mbps	484.24 Mbps
<input type="checkbox"/>	DROPBOX	19679	229.85 Mbps	145.92 Mbps	375.77 Mbps
<input type="checkbox"/>	Oi	7738	46.35 Mbps	312.73 Mbps	359.08 Mbps
<input type="checkbox"/>	SOFTLAYER	36351	326.85 Mbps	20.85 Mbps	347.70 Mbps
<input type="checkbox"/>	DCLUX	24611	300.01 Mbps	19.89 Mbps	319.90 Mbps
<input type="checkbox"/>	GCEPSABR	28604	293.96 Mbps	19.28 Mbps	313.24 Mbps
<input type="checkbox"/>	TELESP	27699	61.35 Mbps	250.96 Mbps	312.30 Mbps
<input type="checkbox"/>	MICROSOFTEU	8068	252.51 Mbps	5.29 Mbps	257.80 Mbps

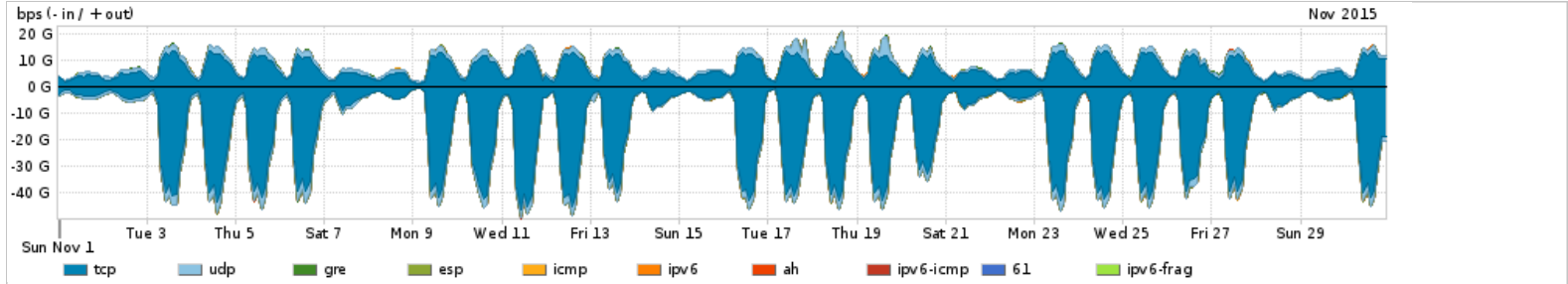
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL
<input type="checkbox"/> ssl		8.53 Gbps	1.81 Gbps
<input type="checkbox"/> http		5.57 Gbps	3.55 Gbps
<input type="checkbox"/> other UDP		1.36 Gbps	1.24 Gbps
<input type="checkbox"/> other TCP		695.13 Mbps	901.75 Mbps
<input type="checkbox"/> macromedia-fcs		90.50 Mbps	76.10 Mbps
<input type="checkbox"/> dns		30.36 Mbps	105.85 Mbps
<input type="checkbox"/> rsync		68.36 Mbps	37.88 Mbps
<input type="checkbox"/> rdp		12.01 Mbps	78.05 Mbps
<input type="checkbox"/> ssh		25.90 Mbps	59.96 Mbps
<input type="checkbox"/> rip		8.99 Mbps	67.78 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/> tcp		15.14 Gbps	6.64 Gbps
<input type="checkbox"/> udp		1.42 Gbps	1.43 Gbps
<input type="checkbox"/> gre		14.24 Mbps	48.26 Mbps
<input type="checkbox"/> esp		23.52 Mbps	7.86 Mbps
<input type="checkbox"/> icmp		5.33 Mbps	6.88 Mbps
<input type="checkbox"/> ipv6		3.54 Mbps	4.01 Mbps
<input type="checkbox"/> ah		662.04 Kbps	1.02 Mbps
<input type="checkbox"/> ipv6-icmp		156.45 Kbps	68.44 Kbps
<input type="checkbox"/> 61		9.18 Kbps	215.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipv6-frag		128.00 bps	4.37 Kbps 4.50 Kbps

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