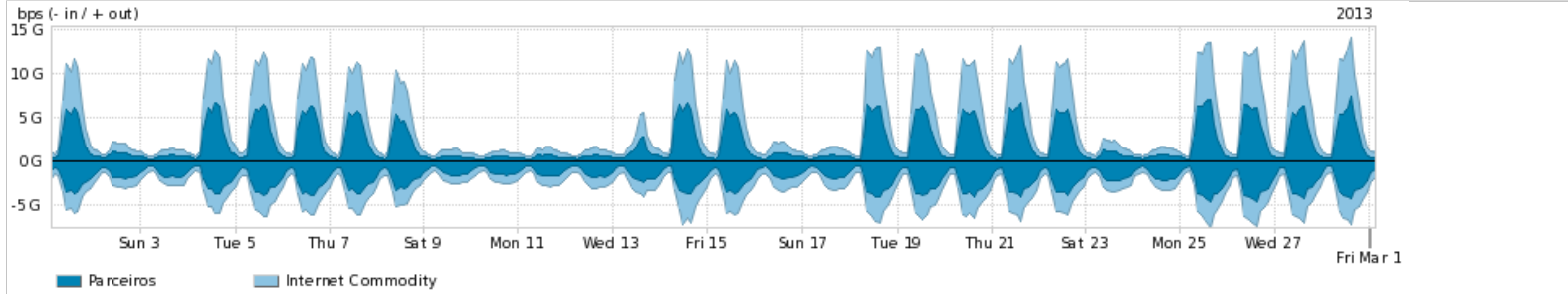


Peakflow SP: Estatísticas de trafego gerais da Rede Ipe Completed Report (17:40, Mar 21)

Os gráficos apresentados neste relatório de trafego 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 gratuitamente 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)

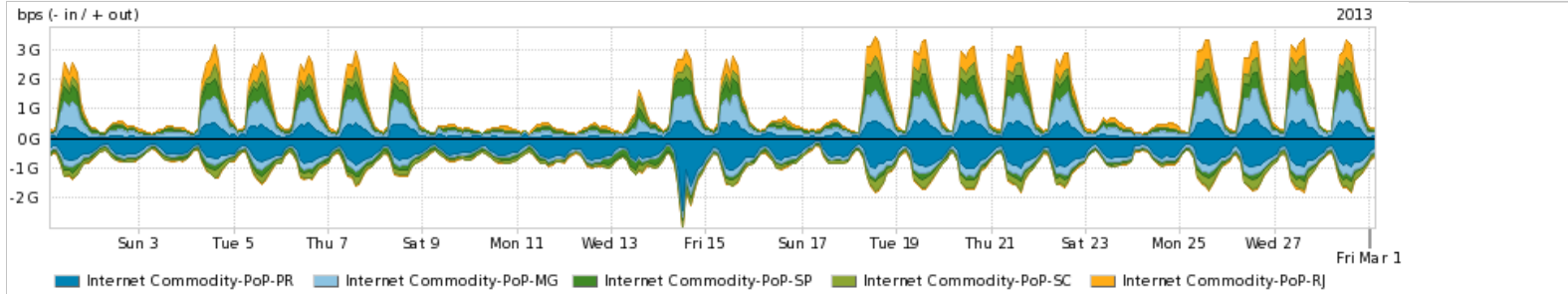
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	2.08 Gbps	1.99 Gbps	4.07 Gbps
<input checked="" type="checkbox"/> Internet Commodity	1.38 Gbps	2.18 Gbps	3.56 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

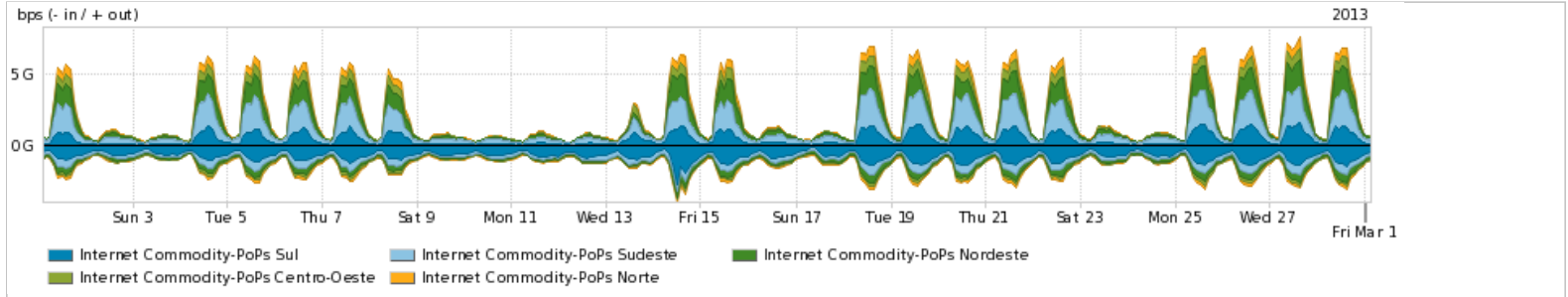


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet Commodity	PoP-PR	554.89 Mbps	206.89 Mbps	761.78 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-MG	136.29 Mbps	354.39 Mbps	490.68 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-SP	92.69 Mbps	202.16 Mbps	294.86 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-SC	120.40 Mbps	123.41 Mbps	243.81 Mbps
<input checked="" type="checkbox"/> Internet Commodity	PoP-RJ	27.03 Mbps	201.12 Mbps	228.15 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RN	65.39 Mbps	117.71 Mbps	183.10 Mbps
<input type="checkbox"/> Internet Commodity	PoP-DF	55.28 Mbps	125.20 Mbps	180.48 Mbps
<input type="checkbox"/> Internet Commodity	PoP-RS	36.36 Mbps	130.08 Mbps	166.44 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PA	51.87 Mbps	110.33 Mbps	162.20 Mbps
<input type="checkbox"/> Internet Commodity	PoP-PE	34.13 Mbps	83.63 Mbps	117.76 Mbps

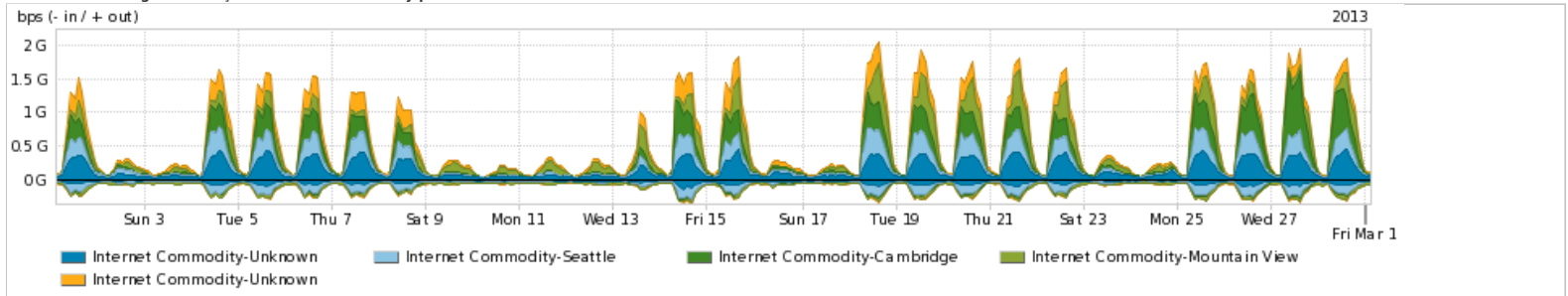
	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	PoP-CE	25.14 Mbps	91.05 Mbps	116.19 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	31.91 Mbps	71.96 Mbps	103.86 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-GO	35.35 Mbps	57.94 Mbps	93.29 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	40.27 Mbps	46.89 Mbps	87.15 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	23.23 Mbps	47.75 Mbps	70.98 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	711.66 Mbps	460.38 Mbps	1.17 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	296.29 Mbps	804.56 Mbps	1.10 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	225.13 Mbps	549.40 Mbps	774.52 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	111.95 Mbps	247.05 Mbps	359.00 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	89.82 Mbps	201.96 Mbps	291.78 Mbps

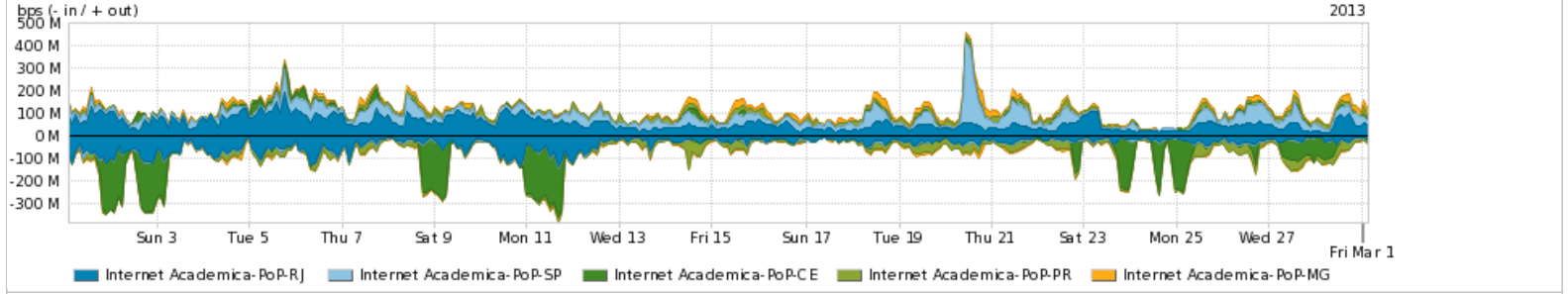
Interesse de tráfego do serviço de Internet Commodity por cidade



	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	41.70 Mbps	136.09 Mbps	177.78 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Seattle	46.19 Mbps	101.11 Mbps	147.31 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	6.67 Mbps	131.59 Mbps	138.26 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Mountain View	34.30 Mbps	101.34 Mbps	135.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	4.59 Mbps	98.17 Mbps	102.76 Mbps
<input type="checkbox"/>	Internet Commodity	Buenos Aires	68.32 Mbps	10.19 Mbps	78.51 Mbps
<input type="checkbox"/>	Internet Commodity	Redmond	35.56 Mbps	41.67 Mbps	77.23 Mbps
<input type="checkbox"/>	Internet Commodity	Palo Alto	23.29 Mbps	52.36 Mbps	75.65 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	13.51 Mbps	55.62 Mbps	69.13 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input type="checkbox"/>	Internet Commodity	Tempe	1.29 Mbps	66.86 Mbps	68.15 Mbps

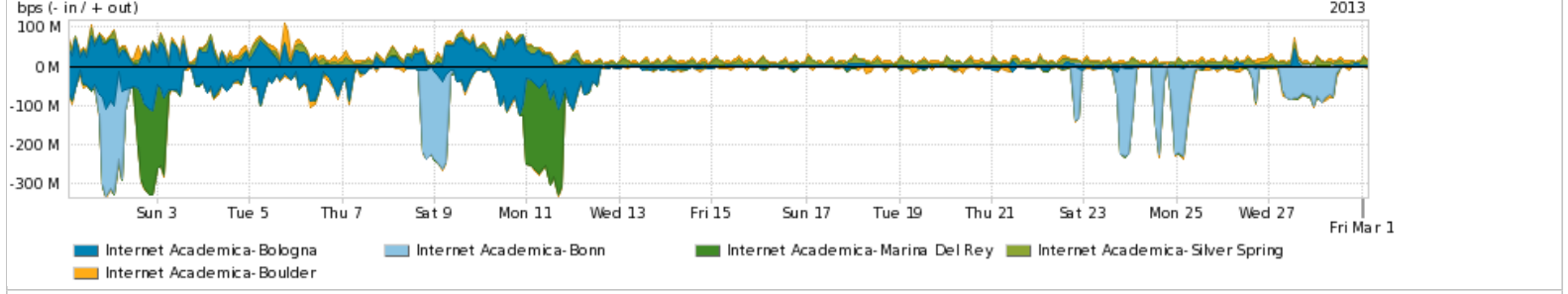
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	35.76 Mbps	56.75 Mbps	92.51 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	4.04 Mbps	33.95 Mbps	38.00 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-CE	31.63 Mbps	3.22 Mbps	34.86 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	16.64 Mbps	11.65 Mbps	28.29 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-MG	3.42 Mbps	10.68 Mbps	14.10 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	1.19 Mbps	8.44 Mbps	9.63 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	3.75 Mbps	5.05 Mbps	8.80 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-DF	1.24 Mbps	3.25 Mbps	4.49 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	960.27 Kbps	3.21 Mbps	4.17 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	1.43 Mbps	2.51 Mbps	3.94 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	820.68 Kbps	2.36 Mbps	3.18 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PB	820.18 Kbps	1.55 Mbps	2.37 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-GO	453.50 Kbps	1.48 Mbps	1.94 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	425.82 Kbps	1.34 Mbps	1.77 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-MT	149.62 Kbps	1.55 Mbps	1.70 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

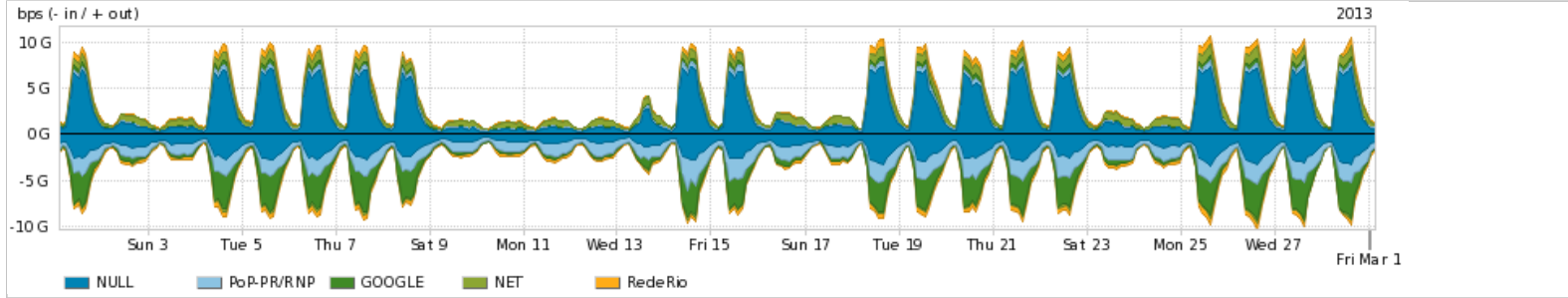


Average | Max | PCT95

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	Bologna	20.11 Mbps	11.64 Mbps	31.75 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Bonn	19.96 Mbps	42.84 Kbps	20.01 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Marina Del Rey	12.61 Mbps	542.63 Kbps	13.15 Mbps

	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Academica	Silver Spring	349.30 Kbps	8.92 Mbps	9.27 Mbps
<input checked="" type="checkbox"/>	Internet Academica	Boulder	2.52 Mbps	5.26 Mbps	7.78 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	2.32 Mbps	3.77 Mbps	6.09 Mbps
<input type="checkbox"/>	Internet Academica	Asheville	108.60 Kbps	4.34 Mbps	4.45 Mbps
<input type="checkbox"/>	Internet Academica	San Francisco	77.21 Kbps	4.36 Mbps	4.44 Mbps
<input type="checkbox"/>	Internet Academica	Geneva	1.24 Mbps	3.06 Mbps	4.30 Mbps
<input type="checkbox"/>	Internet Academica	Berkeley	92.26 Kbps	3.97 Mbps	4.06 Mbps

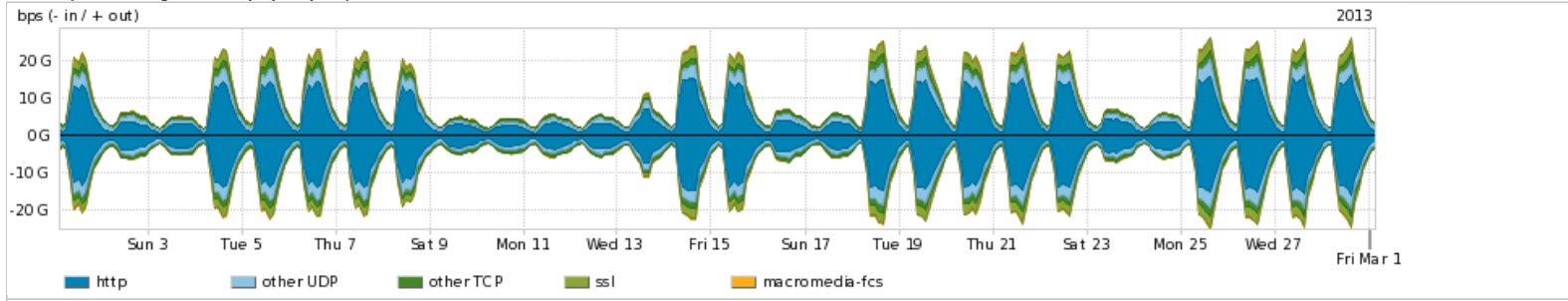
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	1.44 Gbps	2.37 Gbps	3.81 Gbps
<input checked="" type="checkbox"/>	PoP-PR/RNP	10881	1.19 Gbps	194.44 Mbps	1.39 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	1.05 Gbps	170.60 Mbps	1.22 Gbps
<input checked="" type="checkbox"/>	NET	28573	91.29 Mbps	669.40 Mbps	760.69 Mbps
<input checked="" type="checkbox"/>	RedeRio	2715	294.60 Mbps	262.51 Mbps	557.11 Mbps
<input type="checkbox"/>	Oi	7738	39.76 Mbps	411.19 Mbps	450.95 Mbps
<input type="checkbox"/>	PoP-SC/RNP	11242	248.84 Mbps	180.42 Mbps	429.26 Mbps
<input type="checkbox"/>	GVT	18881	58.36 Mbps	264.46 Mbps	322.81 Mbps
<input type="checkbox"/>	TELESP	27699	26.82 Mbps	255.45 Mbps	282.27 Mbps
<input type="checkbox"/>	262511	262511	123.14 Mbps	146.24 Mbps	269.38 Mbps
<input type="checkbox"/>	USPnet	28571	74.68 Mbps	191.28 Mbps	265.96 Mbps
<input type="checkbox"/>	RedeTche	2716	75.92 Mbps	176.50 Mbps	252.42 Mbps
<input type="checkbox"/>	IBTelecom	28346	235.38 Mbps	9.47 Mbps	244.85 Mbps
<input type="checkbox"/>	53166	53166	83.05 Mbps	123.05 Mbps	206.11 Mbps
<input type="checkbox"/>	PoP-BA/RNP	53164	50.91 Mbps	148.89 Mbps	199.81 Mbps

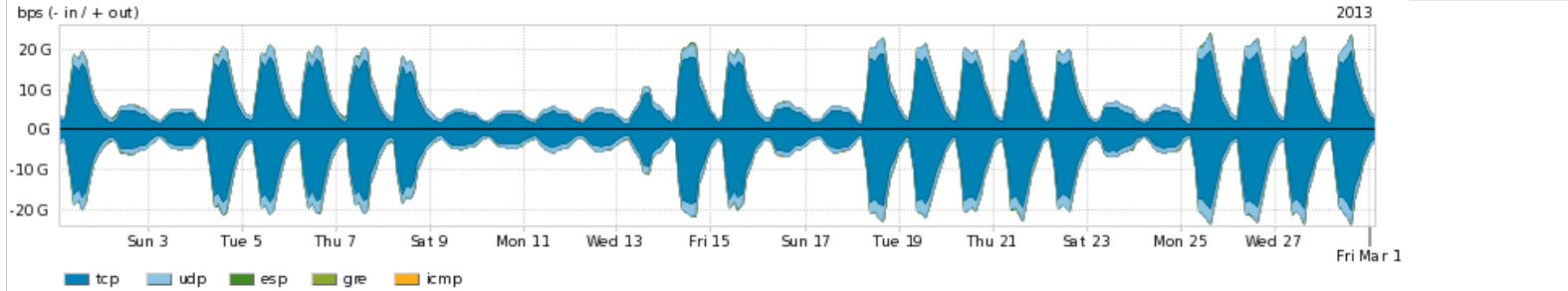
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95

APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/> http	5.61 Gbps	5.69 Gbps	11.30 Gbps
<input checked="" type="checkbox"/> other UDP	1.67 Gbps	1.73 Gbps	3.41 Gbps
<input checked="" type="checkbox"/> other TCP	1.01 Gbps	1.04 Gbps	2.05 Gbps
<input checked="" type="checkbox"/> ssl	841.12 Mbps	932.15 Mbps	1.77 Gbps
<input checked="" type="checkbox"/> macromedia-fcs	116.38 Mbps	117.97 Mbps	234.35 Mbps
<input type="checkbox"/> dns	66.65 Mbps	70.52 Mbps	137.17 Mbps
<input type="checkbox"/> rsync	67.66 Mbps	67.50 Mbps	135.16 Mbps
<input type="checkbox"/> smtp	63.20 Mbps	65.81 Mbps	129.01 Mbps
<input type="checkbox"/> ssh	48.92 Mbps	49.42 Mbps	98.34 Mbps
<input type="checkbox"/> pop	21.69 Mbps	22.24 Mbps	43.93 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/> tcp	7.25 Gbps	7.11 Gbps	14.36 Gbps
<input checked="" type="checkbox"/> udp	1.63 Gbps	1.66 Gbps	3.28 Gbps
<input checked="" type="checkbox"/> esp	14.68 Mbps	14.68 Mbps	29.36 Mbps
<input checked="" type="checkbox"/> gre	10.21 Mbps	10.20 Mbps	20.41 Mbps
<input checked="" type="checkbox"/> icmp	5.41 Mbps	5.42 Mbps	10.82 Mbps
<input type="checkbox"/> ipv6	1.33 Mbps	1.33 Mbps	2.66 Mbps
<input type="checkbox"/> 61	325.87 Kbps	324.69 Kbps	650.56 Kbps
<input type="checkbox"/> 255	171.57 Kbps	205.05 Kbps	376.62 Kbps
<input type="checkbox"/> pim	3.68 Kbps	685.00 bps	4.37 Kbps
<input type="checkbox"/> ipencap	167.00 bps	205.00 bps	372.00 bps