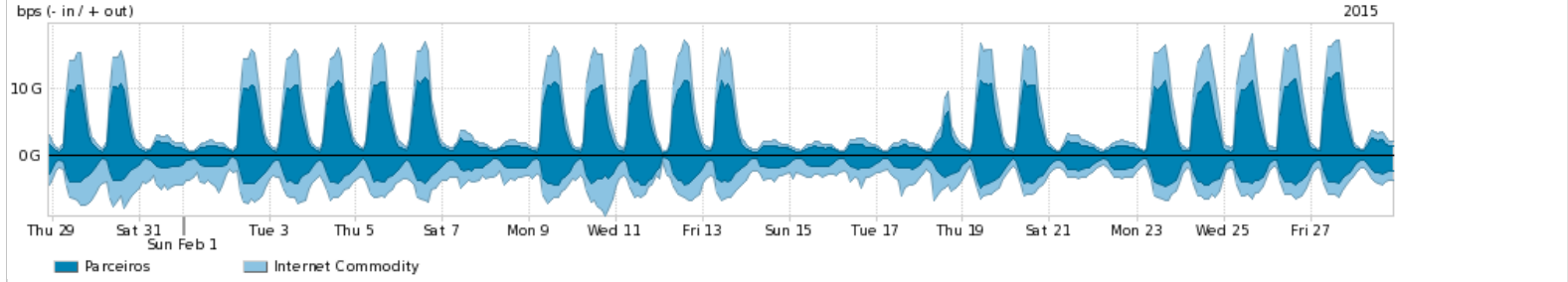


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

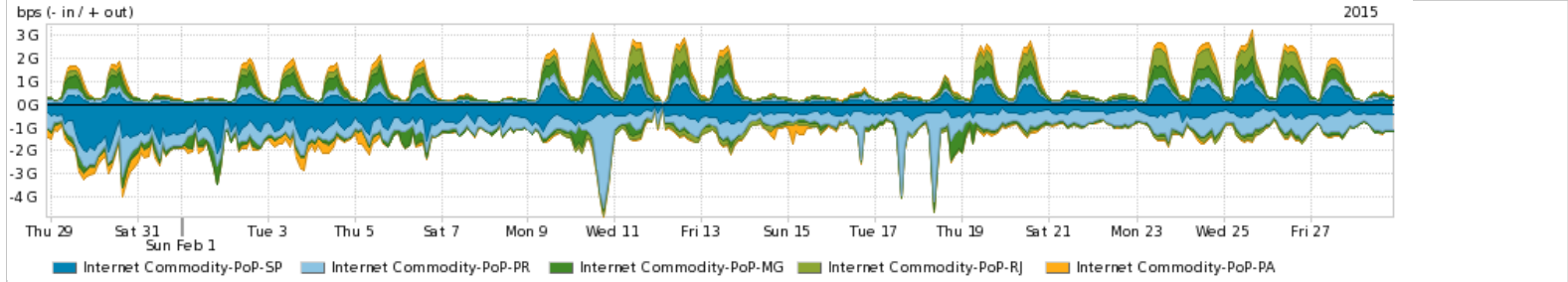
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros		2.34 Gbps	3.80 Gbps
<input checked="" type="checkbox"/> Internet Commodity		2.13 Gbps	1.96 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

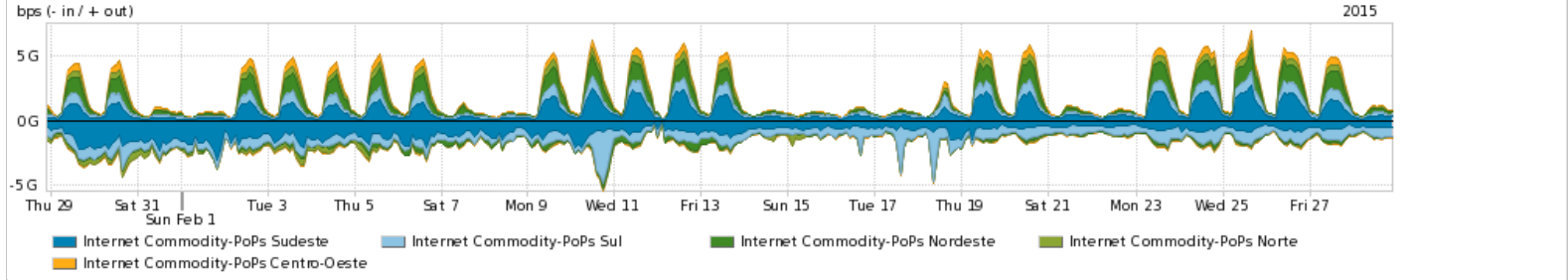


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Commodity	PoP-SP	634.05 Mbps	247.78 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PR	570.13 Mbps	125.11 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-MG	125.92 Mbps	199.57 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-RJ	81.83 Mbps	177.03 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoP-PA	81.54 Mbps	92.12 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-SC	82.71 Mbps	84.57 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-RS	22.73 Mbps	130.61 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-DF	29.48 Mbps	120.62 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-ES	103.52 Mbps	37.93 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-CE	17.44 Mbps	109.62 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PE	19.94 Mbps	65.79 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-BA	15.14 Mbps	67.82 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Commodity	PoP-RN	2.97 Mbps	74.18 Mbps	77.14 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-PB	15.42 Mbps	58.58 Mbps	74.00 Mbps
<input type="checkbox"/>	Internet Commodity	PoP-AL	45.48 Mbps	24.63 Mbps	70.11 Mbps

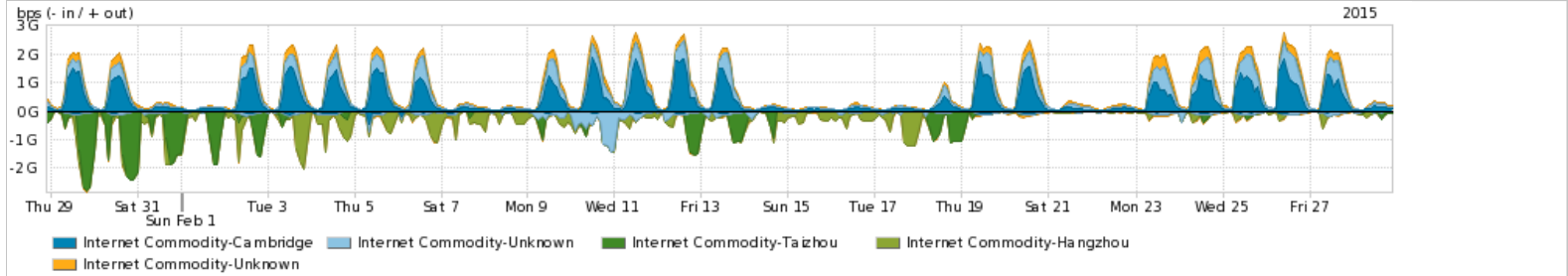
Utilização do serviço de Internet Commodity pelos PoPs da RNP agrupados por região



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sudeste	945.31 Mbps	662.31 Mbps	1.61 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Sul	678.80 Mbps	344.36 Mbps	1.02 Gbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Nordeste	130.31 Mbps	503.01 Mbps	633.32 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Norte	103.88 Mbps	187.42 Mbps	291.30 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	PoPs Centro-Oeste	55.96 Mbps	209.31 Mbps	265.27 Mbps

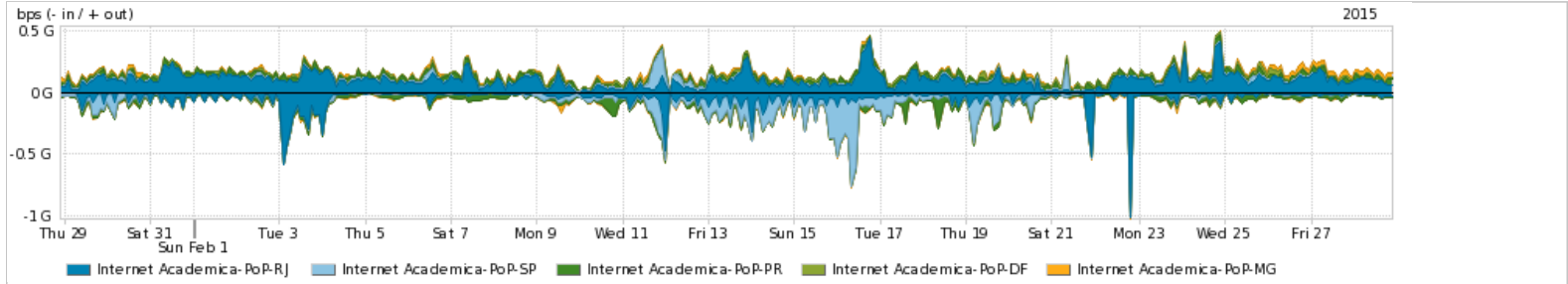
Interesse de tráfego do serviço de Internet Commodity por cidade



Average | Max | PCT95

PROFILE	CITY	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	Internet Commodity	Cambridge	23.69 Mbps	380.48 Mbps	404.17 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	80.91 Mbps	206.86 Mbps	287.76 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Taizhou	180.64 Mbps	3.81 Kbps	180.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Hangzhou	145.91 Mbps	739.23 Kbps	146.65 Mbps
<input checked="" type="checkbox"/>	Internet Commodity	Unknown	11.36 Mbps	119.61 Mbps	130.97 Mbps
<input type="checkbox"/>	Internet Commodity	Zhongxin	116.07 Mbps	1.11 Mbps	117.18 Mbps
<input type="checkbox"/>	Internet Commodity	Unknown	11.27 Mbps	105.56 Mbps	116.83 Mbps
<input type="checkbox"/>	Internet Commodity	Englewood	1.58 Mbps	84.70 Mbps	86.28 Mbps
<input type="checkbox"/>	Internet Commodity	Tempe	3.00 Mbps	78.33 Mbps	81.34 Mbps
<input type="checkbox"/>	Internet Commodity	Guangzhou	73.40 Mbps	604.78 Kbps	74.01 Mbps

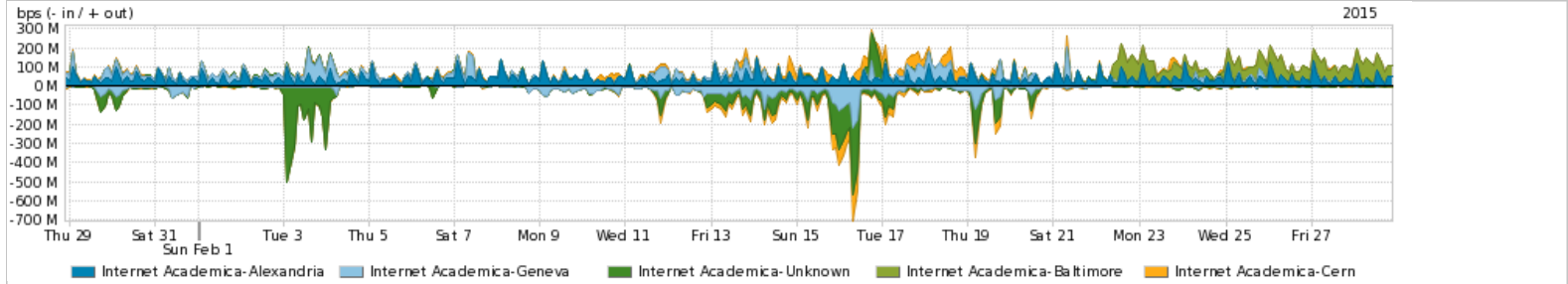
Distribuição do uso do serviço de Internet acadêmica internacional pelos PoPs da RNP



Average | Max | PCT95

<input type="checkbox"/>	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-RJ	46.29 Mbps	101.40 Mbps	147.70 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-SP	38.84 Mbps	10.11 Mbps	48.95 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-PR	19.34 Mbps	22.36 Mbps	41.70 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-DF	2.13 Mbps	16.02 Mbps	18.15 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	PoP-MG	2.73 Mbps	10.10 Mbps	12.82 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RS	2.43 Mbps	10.07 Mbps	12.50 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-BA	436.58 Kbps	8.29 Mbps	8.73 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SC	2.22 Mbps	4.67 Mbps	6.89 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-CE	323.21 Kbps	4.45 Mbps	4.77 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PA	393.24 Kbps	4.29 Mbps	4.68 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-PE	647.64 Kbps	1.99 Mbps	2.63 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-ES	311.73 Kbps	1.58 Mbps	1.89 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-AM	299.71 Kbps	1.52 Mbps	1.82 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-SE	83.60 Kbps	1.49 Mbps	1.57 Mbps
<input type="checkbox"/>	Internet Acadêmica	PoP-RN	45.63 Kbps	1.37 Mbps	1.41 Mbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

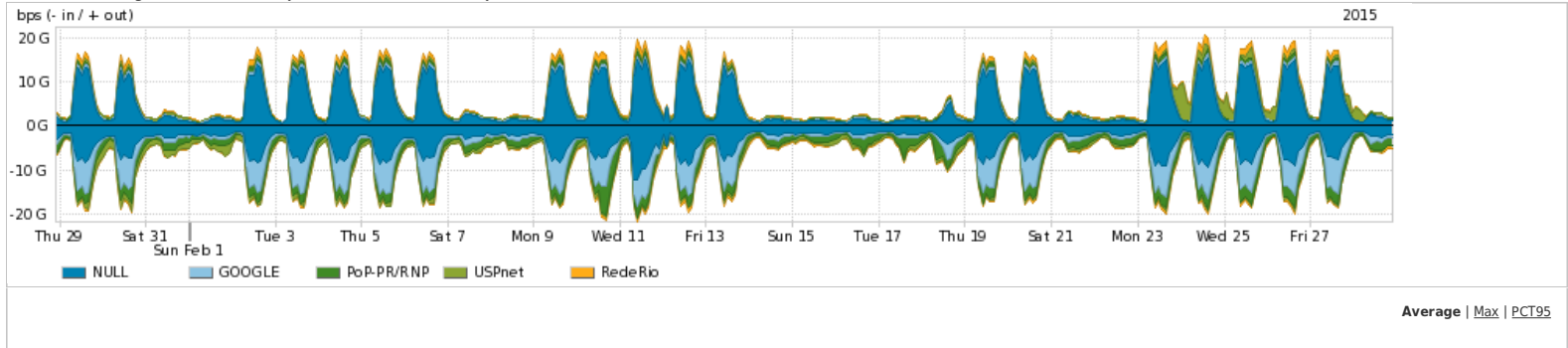


Average | Max | PCT95

<input type="checkbox"/>	PROFILE	CITY	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet Acadêmica	Alexandria	599.03 Kbps	40.88 Mbps	41.48 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Geneva	15.81 Mbps	16.58 Mbps	32.39 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Unknown	22.45 Mbps	2.75 Mbps	25.19 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Baltimore	323.73 Kbps	15.33 Mbps	15.65 Mbps
<input checked="" type="checkbox"/>	Internet Acadêmica	Cern	6.64 Mbps	8.01 Mbps	14.65 Mbps

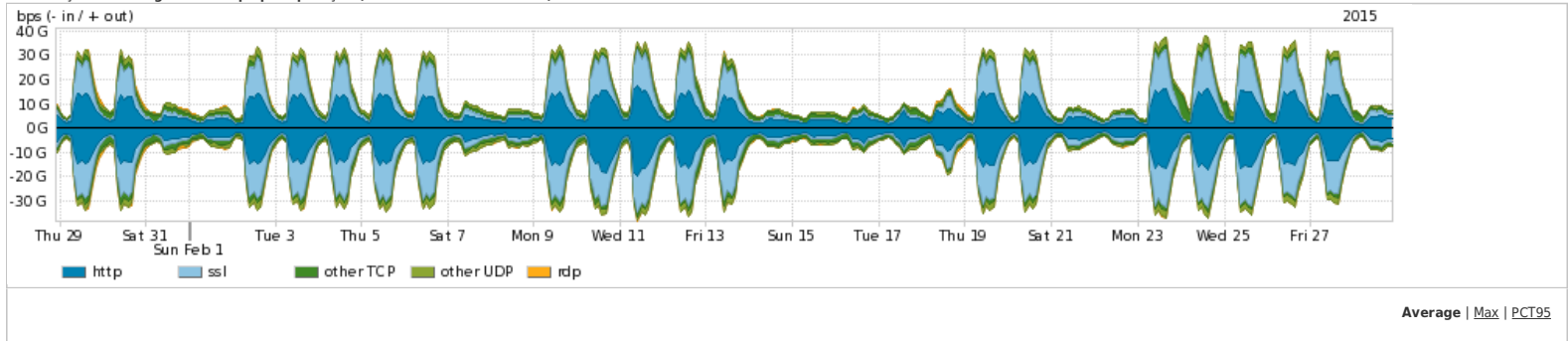
PROFILE	CITY	IN	OUT	TOTAL	
<input type="checkbox"/>	Internet Academica	Poznan	180.59 Kbps	12.78 Mbps	12.96 Mbps
<input type="checkbox"/>	Internet Academica	Appleton	2.92 Mbps	7.82 Mbps	10.74 Mbps
<input type="checkbox"/>	Internet Academica	Boulder	233.74 Kbps	10.41 Mbps	10.64 Mbps
<input type="checkbox"/>	Internet Academica	Unknown	3.07 Mbps	6.85 Mbps	9.92 Mbps
<input type="checkbox"/>	Internet Academica	Tallahassee	139.71 Kbps	9.58 Mbps	9.72 Mbps

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



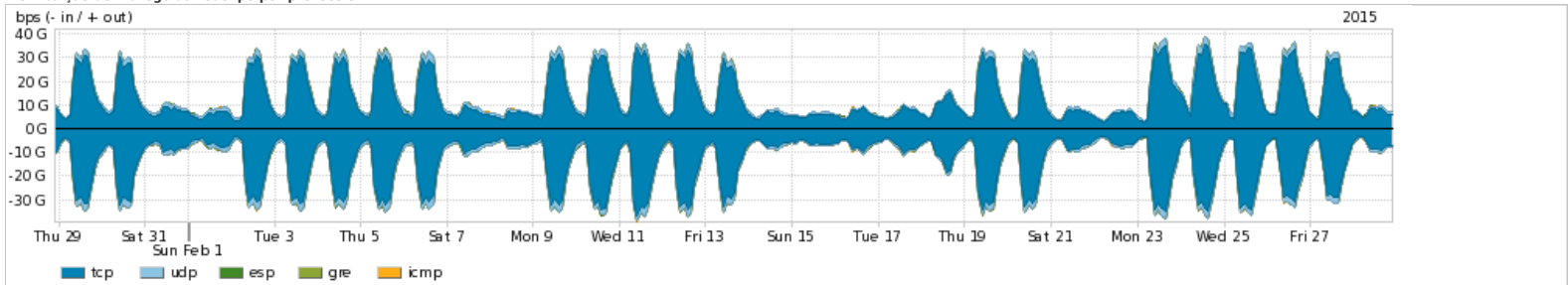
AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/> NULL		0	3.71 Gbps	4.62 Gbps	8.33 Gbps
<input checked="" type="checkbox"/> GOOGLE	15169		2.29 Gbps	303.33 Mbps	2.59 Gbps
<input checked="" type="checkbox"/> PoP-PR/RNP	10881		1.57 Gbps	300.38 Mbps	1.87 Gbps
<input checked="" type="checkbox"/> USPnet	28571		722.65 Mbps	612.64 Mbps	1.34 Gbps
<input checked="" type="checkbox"/> RedeRio	2715		313.84 Mbps	540.83 Mbps	854.67 Mbps
<input type="checkbox"/> NET	28573		48.66 Mbps	725.70 Mbps	774.36 Mbps
<input type="checkbox"/> FACEBOOK	32934		655.84 Mbps	49.12 Mbps	704.96 Mbps
<input type="checkbox"/> AKAMAI-ASN1	20940		554.97 Mbps	27.37 Mbps	582.34 Mbps
<input type="checkbox"/> CHINANET-BACKBONE	4134		15.63 Mbps	501.76 Mbps	517.39 Mbps
<input type="checkbox"/> RedeTche	2716		79.88 Mbps	355.20 Mbps	435.08 Mbps
<input type="checkbox"/> PoP-BA/RNP	53164		4.52 Mbps	423.05 Mbps	427.57 Mbps
<input type="checkbox"/> 263300	263300		180.36 Mbps	164.02 Mbps	344.38 Mbps
<input type="checkbox"/> AMAZON-AES	14618		188.98 Mbps	145.70 Mbps	334.68 Mbps
<input type="checkbox"/> UFDSC	10715		78.95 Mbps	253.00 Mbps	331.95 Mbps
<input type="checkbox"/> Oi	7738		32.48 Mbps	297.90 Mbps	330.38 Mbps

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



	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	http		6.80 Gbps	6.39 Gbps	13.19 Gbps
<input checked="" type="checkbox"/>	ssl		4.85 Gbps	4.65 Gbps	9.50 Gbps
<input checked="" type="checkbox"/>	other TCP		1.54 Gbps	1.65 Gbps	3.19 Gbps
<input checked="" type="checkbox"/>	other UDP		1.32 Gbps	1.35 Gbps	2.66 Gbps
<input checked="" type="checkbox"/>	rdp		129.00 Mbps	125.64 Mbps	254.64 Mbps
<input type="checkbox"/>	ntp		95.13 Mbps	95.17 Mbps	190.30 Mbps
<input type="checkbox"/>	rsync		95.52 Mbps	85.02 Mbps	180.54 Mbps
<input type="checkbox"/>	macromedia-fcs		86.38 Mbps	83.40 Mbps	169.78 Mbps
<input type="checkbox"/>	dns		66.63 Mbps	64.17 Mbps	130.81 Mbps
<input type="checkbox"/>	ssh		54.89 Mbps	67.13 Mbps	122.01 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	tcp		13.76 Gbps	13.20 Gbps	26.95 Gbps
<input checked="" type="checkbox"/>	udp		1.49 Gbps	1.51 Gbps	3.00 Gbps
<input checked="" type="checkbox"/>	esp		33.34 Mbps	32.99 Mbps	66.33 Mbps
<input checked="" type="checkbox"/>	gre		23.91 Mbps	26.04 Mbps	49.95 Mbps
<input checked="" type="checkbox"/>	icmp		10.70 Mbps	10.27 Mbps	20.97 Mbps
<input type="checkbox"/>	ipv6		3.83 Mbps	3.69 Mbps	7.52 Mbps
<input type="checkbox"/>	ah		325.27 Kbps	282.92 Kbps	608.18 Kbps
<input type="checkbox"/>	254		83.21 Kbps	40.91 Kbps	124.12 Kbps
<input type="checkbox"/>	233		82.79 Kbps	39.87 Kbps	122.66 Kbps
<input type="checkbox"/>	245		82.49 Kbps	40.06 Kbps	122.55 Kbps

For assistance with this product, please contact [support@arbornetworks.com](mailto:support@arbornetworks.com).