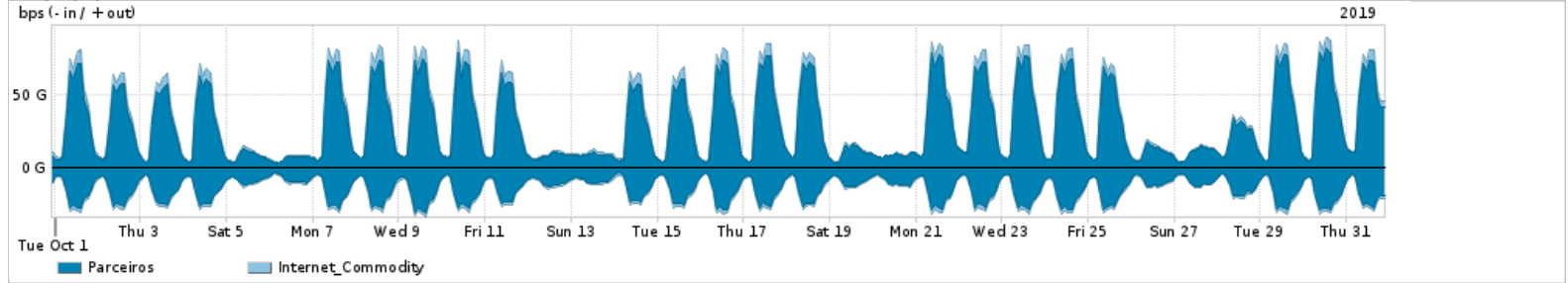


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

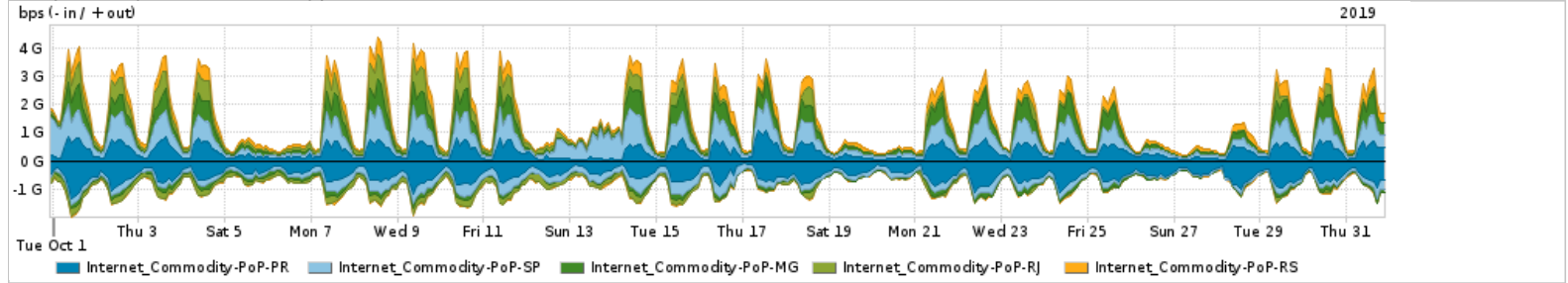
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	14.87 Gbps	29.30 Gbps	44.16 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.53 Gbps	3.33 Gbps	4.86 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

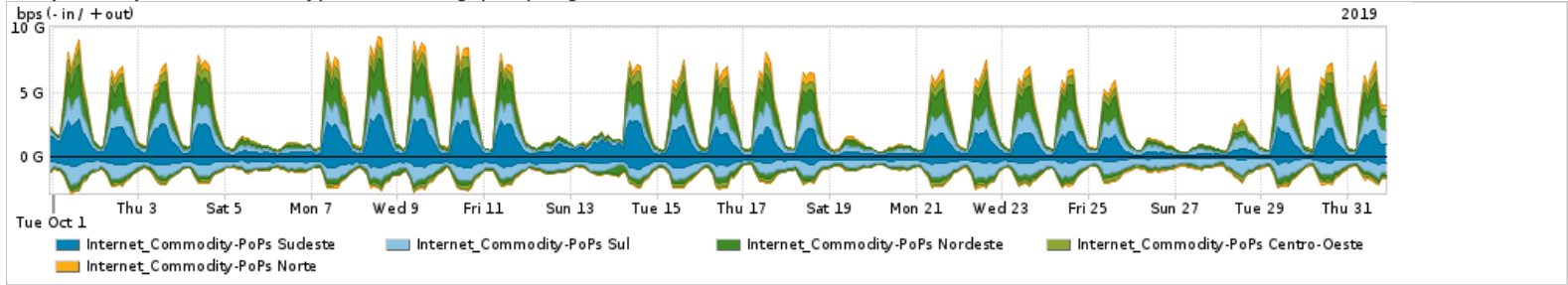


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	528.00 Mbps	312.68 Mbps	840.68 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SP	192.98 Mbps	420.08 Mbps	613.07 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	81.72 Mbps	303.26 Mbps	384.98 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RJ	92.29 Mbps	187.69 Mbps	279.97 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-RS	17.62 Mbps	228.88 Mbps	246.49 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-DF	81.64 Mbps	162.54 Mbps	244.19 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-SC	81.49 Mbps	154.56 Mbps	236.05 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	44.06 Mbps	135.45 Mbps	179.52 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-BA	38.58 Mbps	131.18 Mbps	169.76 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-CE	16.85 Mbps	137.53 Mbps	154.38 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PA	45.90 Mbps	97.01 Mbps	142.91 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RN	26.03 Mbps	99.19 Mbps	125.22 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-GO	29.70 Mbps	92.68 Mbps	122.38 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-PB	34.80 Mbps	86.44 Mbps	121.24 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-MA	10.03 Mbps	70.73 Mbps	80.76 Mbps

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

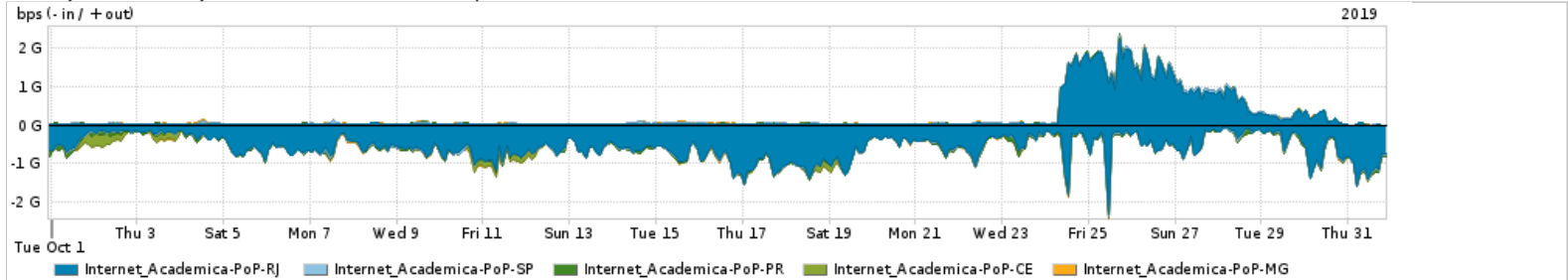


	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sudeste	384.16 Mbps	973.66 Mbps	1.36 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	627.10 Mbps	696.12 Mbps	1.32 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	200.92 Mbps	768.26 Mbps	969.18 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	126.22 Mbps	322.32 Mbps	448.53 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	84.54 Mbps	240.04 Mbps	324.58 Mbps

Interesse de tráfego do serviço de Internet Commodity por cidade

No Data Available

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



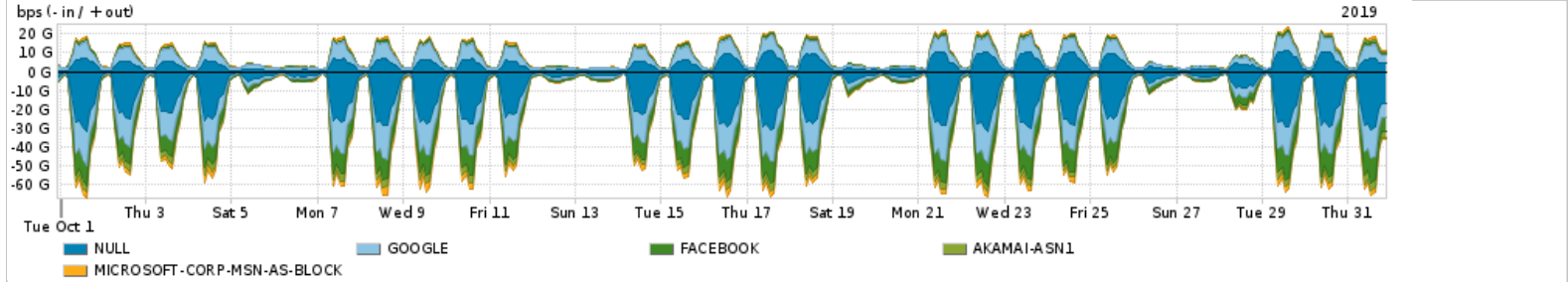
	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	PoP-RJ	577.63 Mbps	214.73 Mbps	792.36 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-SP	16.85 Mbps	17.00 Mbps	33.85 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-PR	22.72 Mbps	2.16 Mbps	24.88 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-CE	22.51 Mbps	777.82 Kbps	23.29 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-MG	3.89 Mbps	4.39 Mbps	8.28 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RS	1.70 Mbps	3.67 Mbps	5.37 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-ES	938.39 Kbps	3.64 Mbps	4.58 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-DF	2.54 Mbps	1.78 Mbps	4.32 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-SC	2.40 Mbps	1.41 Mbps	3.81 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Academica	PoP-PA	1.31 Mbps	294.88 Kbps	1.60 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RN	553.47 Kbps	967.96 Kbps	1.52 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PE	413.60 Kbps	892.15 Kbps	1.31 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-BA	237.91 Kbps	684.90 Kbps	922.81 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-MS	642.16 Kbps	148.74 Kbps	790.89 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-PB	291.42 Kbps	295.14 Kbps	586.56 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

No Data Available

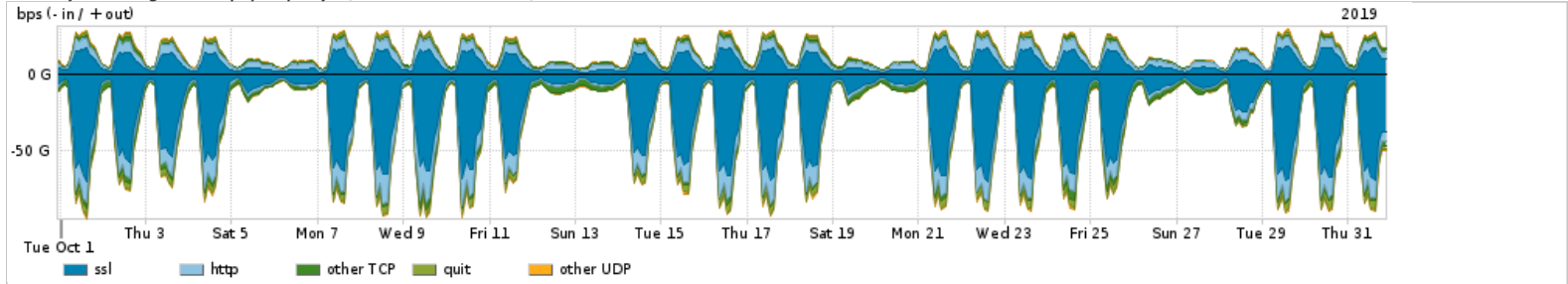
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	10.62 Gbps	3.28 Gbps	13.90 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	5.85 Gbps	3.68 Gbps	9.53 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	4.37 Gbps	414.64 Mbps	4.78 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.41 Gbps	225.05 Mbps	1.63 Gbps
<input checked="" type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8068	1.19 Gbps	427.70 Mbps	1.62 Gbps
<input type="checkbox"/>	AMAZON-02	16509	1.25 Gbps	304.34 Mbps	1.56 Gbps
<input type="checkbox"/>	EDGECAST	15133	1.39 Gbps	36.45 Mbps	1.42 Gbps
<input type="checkbox"/>	CLARO	28573	245.74 Mbps	1.01 Gbps	1.25 Gbps
<input type="checkbox"/>	KREONET-AS-KR	1237	1.13 Gbps	17.09 Kbps	1.13 Gbps
<input type="checkbox"/>	ANDT-UY	6057	16.29 Mbps	980.97 Mbps	997.25 Mbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	389.11 Mbps	515.17 Mbps	904.28 Mbps
<input type="checkbox"/>	SSI	2906	815.88 Mbps	21.59 Mbps	837.47 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	759.45 Mbps	26.13 Mbps	785.58 Mbps
<input type="checkbox"/>	AKAMAI	16625	644.22 Mbps	24.70 Mbps	668.92 Mbps
<input type="checkbox"/>	APPLE-ENGINEERING	714	213.75 Mbps	439.75 Mbps	653.51 Mbps

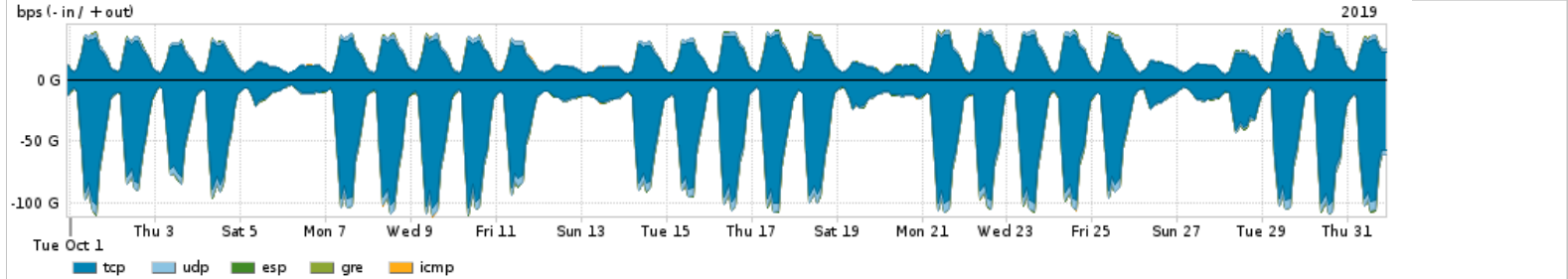
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/> ssl	24.58 Gbps	7.67 Gbps	32.25 Gbps
<input checked="" type="checkbox"/> http	5.60 Gbps	3.94 Gbps	9.54 Gbps
<input checked="" type="checkbox"/> other TCP	2.53 Gbps	1.25 Gbps	3.78 Gbps
<input checked="" type="checkbox"/> quit	1.75 Gbps	652.52 Mbps	2.41 Gbps
<input checked="" type="checkbox"/> other UDP	584.73 Mbps	650.44 Mbps	1.24 Gbps
<input type="checkbox"/> ssh	85.54 Mbps	72.32 Mbps	157.87 Mbps
<input type="checkbox"/> rsync	75.86 Mbps	69.62 Mbps	145.49 Mbps
<input type="checkbox"/> dns	38.74 Mbps	41.38 Mbps	80.12 Mbps
<input type="checkbox"/> stun	30.39 Mbps	34.90 Mbps	65.29 Mbps
<input type="checkbox"/> ldap	9.57 Mbps	51.18 Mbps	60.74 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/> tcp	39.70 Gbps	16.76 Gbps	56.46 Gbps
<input checked="" type="checkbox"/> udp	2.65 Gbps	1.53 Gbps	4.19 Gbps
<input checked="" type="checkbox"/> esp	244.87 Mbps	58.61 Mbps	303.48 Mbps
<input checked="" type="checkbox"/> gre	28.75 Mbps	145.09 Mbps	173.84 Mbps
<input checked="" type="checkbox"/> icmp	22.35 Mbps	25.72 Mbps	48.07 Mbps
<input type="checkbox"/> ipv6-icmp	1.99 Mbps	2.46 Mbps	4.45 Mbps
<input type="checkbox"/> ipv6	3.69 Mbps	684.08 Kbps	4.37 Mbps
<input type="checkbox"/> sctp	1.31 Kbps	10.00 bps	1.32 Kbps
<input type="checkbox"/> ipencap	613.00 bps	259.00 bps	872.00 bps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	mpls-in-ip	394.00 bps	0.00 bps	394.00 bps

For assistance with this product, please contact support at <https://support.arbornetworks.com>