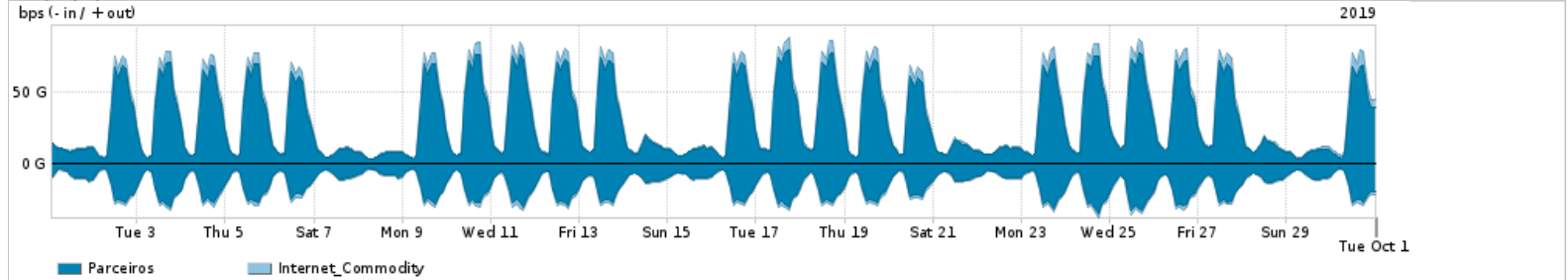


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

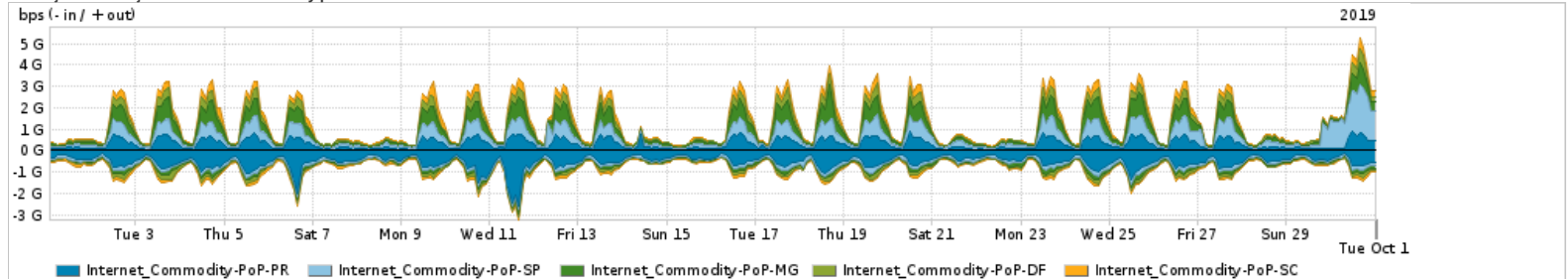
Tráfego agregado dos acessos comerciais da RNP



Average | Max | PCT95

PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Parceiros	14.71 Gbps	29.24 Gbps	43.95 Gbps
<input checked="" type="checkbox"/> Internet_Commodity	1.42 Gbps	3.24 Gbps	4.66 Gbps

Utilização do serviço de Internet Commodity pelos PoPs da RNP

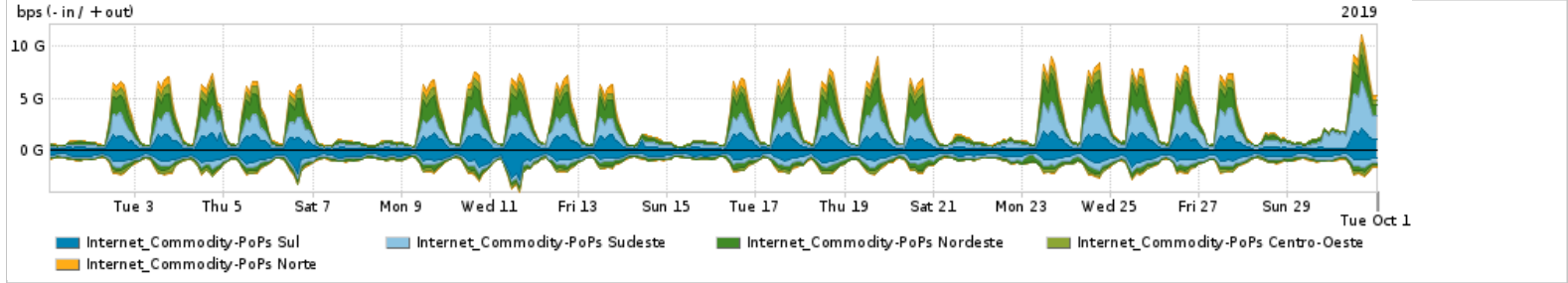


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> Internet_Commodity	PoP-PR	526.21 Mbps	290.66 Mbps	816.87 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SP	119.07 Mbps	374.75 Mbps	493.82 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-MG	81.41 Mbps	330.01 Mbps	411.41 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-DF	86.35 Mbps	170.89 Mbps	257.24 Mbps
<input checked="" type="checkbox"/> Internet_Commodity	PoP-SC	75.90 Mbps	158.69 Mbps	234.59 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RS	14.19 Mbps	208.89 Mbps	223.09 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RJ	56.27 Mbps	149.04 Mbps	205.31 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-BA	42.83 Mbps	131.93 Mbps	174.76 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PE	38.90 Mbps	124.81 Mbps	163.71 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-CE	19.12 Mbps	135.68 Mbps	154.80 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-PB	49.91 Mbps	95.38 Mbps	145.29 Mbps
<input type="checkbox"/> Internet_Commodity	PoP-RN	28.24 Mbps	108.06 Mbps	136.30 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Commodity	PoP-PA	18.21 Mbps	110.30 Mbps	128.51 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-GO	21.04 Mbps	83.11 Mbps	104.15 Mbps
<input type="checkbox"/>	Internet_Commodity	PoP-ES	34.38 Mbps	59.96 Mbps	94.34 Mbps

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



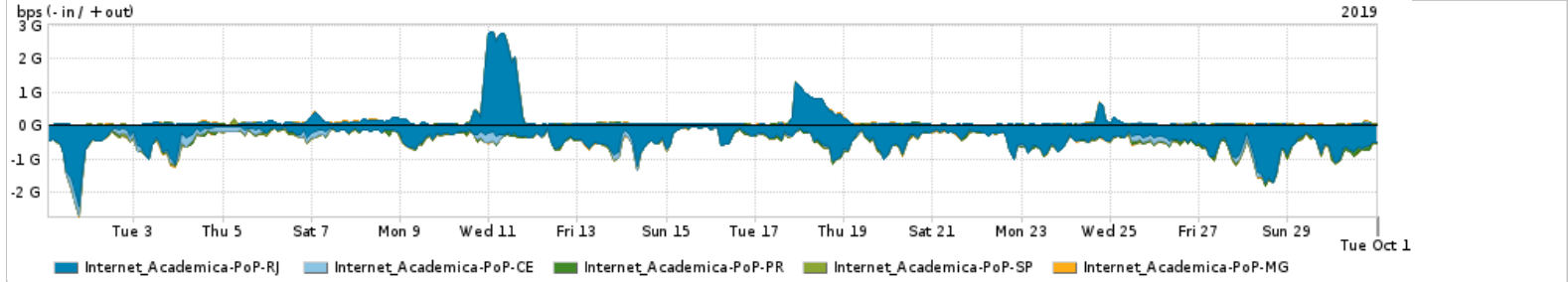
Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sul	616.30 Mbps	658.24 Mbps	1.27 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Sudeste	291.13 Mbps	913.76 Mbps	1.20 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Nordeste	238.05 Mbps	771.61 Mbps	1.01 Gbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Centro-Oeste	126.92 Mbps	312.49 Mbps	439.41 Mbps
<input checked="" type="checkbox"/>	Internet_Commodity	PoPs Norte	49.59 Mbps	249.13 Mbps	298.72 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



Average | Max | PCT95

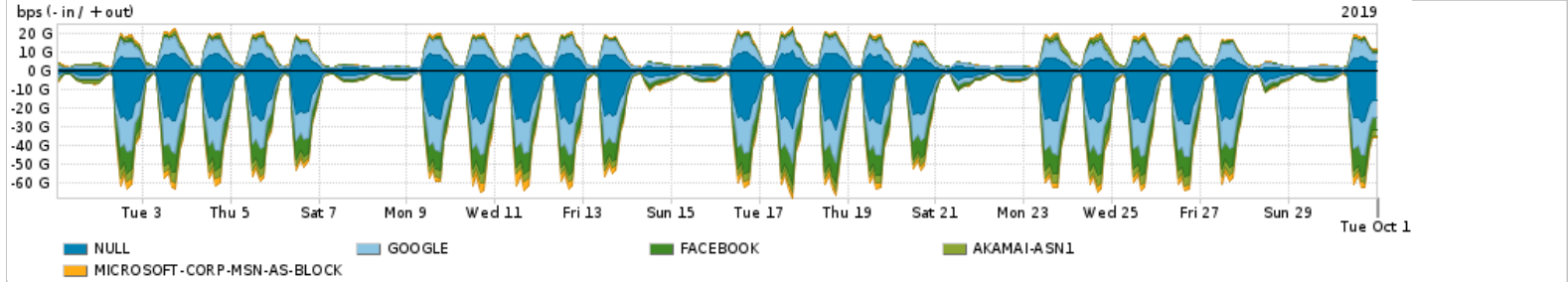
	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	Internet_Academica	PoP-RJ	432.16 Mbps	140.68 Mbps	572.83 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-CE	36.46 Mbps	677.11 Kbps	37.14 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-PR	23.20 Mbps	2.16 Mbps	25.36 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-SP	15.41 Mbps	5.74 Mbps	21.15 Mbps
<input checked="" type="checkbox"/>	Internet_Academica	PoP-MG	3.82 Mbps	5.36 Mbps	9.18 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-ES	522.51 Kbps	8.25 Mbps	8.78 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-RS	1.12 Mbps	5.42 Mbps	6.55 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-SC	2.55 Mbps	1.74 Mbps	4.29 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-DF	2.52 Mbps	1.50 Mbps	4.02 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	Internet_Academica	PoP-RN	568.10 Kbps	2.24 Mbps	2.81 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PE	356.97 Kbps	670.75 Kbps	1.03 Mbps
<input type="checkbox"/>	Internet_Academica	PoP-PA	273.89 Kbps	506.35 Kbps	780.23 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-BA	157.24 Kbps	597.18 Kbps	754.41 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-PB	277.96 Kbps	344.60 Kbps	622.56 Kbps
<input type="checkbox"/>	Internet_Academica	PoP-MA	59.15 Kbps	522.23 Kbps	581.38 Kbps

Interesse de trafego do serviço de Internet acadêmica internacional por cidades

No Data Available

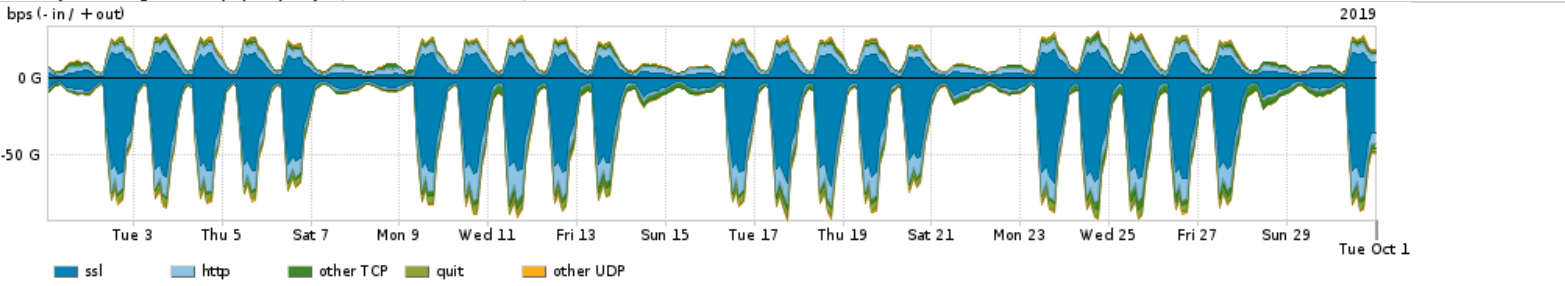
Redes (AS's de origem) mais acessadas pelos clientes da RNP sob o ponto de vista do AS1916



Average | Max | PCT95

	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	NULL	0	10.22 Gbps	3.26 Gbps	13.47 Gbps
<input checked="" type="checkbox"/>	GOOGLE	15169	6.05 Gbps	3.77 Gbps	9.82 Gbps
<input checked="" type="checkbox"/>	FACEBOOK	32934	4.19 Gbps	443.23 Mbps	4.63 Gbps
<input checked="" type="checkbox"/>	AKAMAI-ASN1	20940	1.71 Gbps	456.24 Mbps	2.17 Gbps
<input checked="" type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8068	1.24 Gbps	479.83 Mbps	1.72 Gbps
<input type="checkbox"/>	AMAZON-02	16509	1.20 Gbps	302.38 Mbps	1.50 Gbps
<input type="checkbox"/>	EDGECAST	15133	1.41 Gbps	38.68 Mbps	1.45 Gbps
<input type="checkbox"/>	CLARO	28573	215.84 Mbps	987.94 Mbps	1.20 Gbps
<input type="checkbox"/>	ASGARR	137	1.11 Gbps	8.27 Mbps	1.12 Gbps
<input type="checkbox"/>	MICROSOFT-CORP-MSN-AS-BLOCK	8075	408.79 Mbps	554.51 Mbps	963.30 Mbps
<input type="checkbox"/>	KREONET-AS-KR	1237	906.97 Mbps	2.56 Kbps	906.98 Mbps
<input type="checkbox"/>	SSI	2906	880.16 Mbps	22.32 Mbps	902.48 Mbps
<input type="checkbox"/>	GCEPSA-BR	28604	755.30 Mbps	25.30 Mbps	780.60 Mbps
<input type="checkbox"/>	ANDT-UY	6057	15.26 Mbps	754.87 Mbps	770.13 Mbps
<input type="checkbox"/>	APPLE-ENGINEERING	714	208.92 Mbps	399.86 Mbps	608.77 Mbps

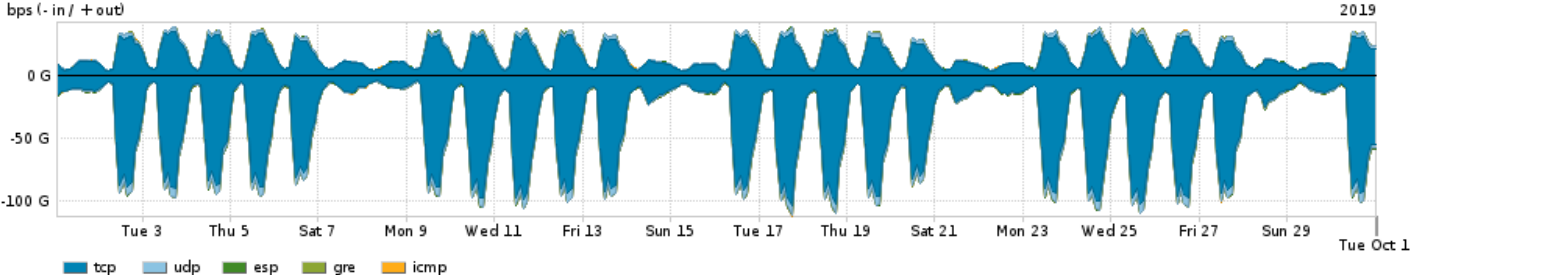
Distribuição do tráfego da rede Ipê por aplicação (análise nas camadas 3 e 4)



Average | Max | PCT95


APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/> ssl	23.62 Gbps	7.47 Gbps	31.09 Gbps
<input checked="" type="checkbox"/> http	5.57 Gbps	3.83 Gbps	9.40 Gbps
<input checked="" type="checkbox"/> other TCP	2.42 Gbps	1.12 Gbps	3.55 Gbps
<input checked="" type="checkbox"/> quit	1.72 Gbps	650.08 Mbps	2.37 Gbps
<input checked="" type="checkbox"/> other UDP	607.32 Mbps	661.50 Mbps	1.27 Gbps
<input type="checkbox"/> ssh	92.73 Mbps	57.93 Mbps	150.66 Mbps
<input type="checkbox"/> rsync	66.67 Mbps	73.18 Mbps	139.84 Mbps
<input type="checkbox"/> dns	37.43 Mbps	32.22 Mbps	69.65 Mbps
<input type="checkbox"/> stun	33.23 Mbps	34.38 Mbps	67.61 Mbps
<input type="checkbox"/> smtp	22.45 Mbps	43.39 Mbps	65.84 Mbps

Distribuição do tráfego da rede Ipê por protocolo



Average | Max | PCT95

PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/> tcp	37.77 Gbps	16.46 Gbps	54.23 Gbps
<input checked="" type="checkbox"/> udp	2.62 Gbps	1.51 Gbps	4.13 Gbps
<input checked="" type="checkbox"/> esp	265.14 Mbps	72.32 Mbps	337.46 Mbps
<input checked="" type="checkbox"/> gre	25.31 Mbps	125.03 Mbps	150.34 Mbps
<input checked="" type="checkbox"/> icmp	21.77 Mbps	25.51 Mbps	47.28 Mbps
<input type="checkbox"/> ipv6-icmp	1.81 Mbps	2.60 Mbps	4.41 Mbps
<input type="checkbox"/> ipv6	2.65 Mbps	869.02 Kbps	3.52 Mbps
<input type="checkbox"/> 61	3.65 Kbps	0.00 bps	3.65 Kbps
<input type="checkbox"/> sctp	1.84 Kbps	3.00 bps	1.84 Kbps

	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	ipencap	629.00 bps	9.00 bps	638.00 bps

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