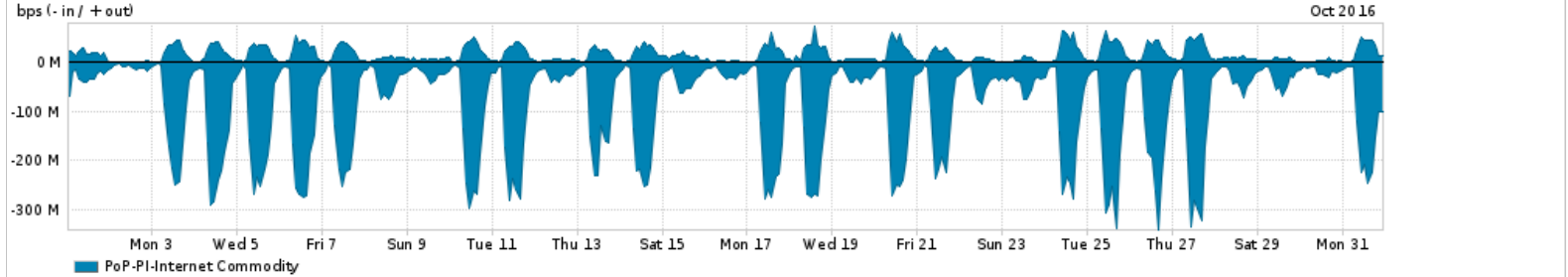


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

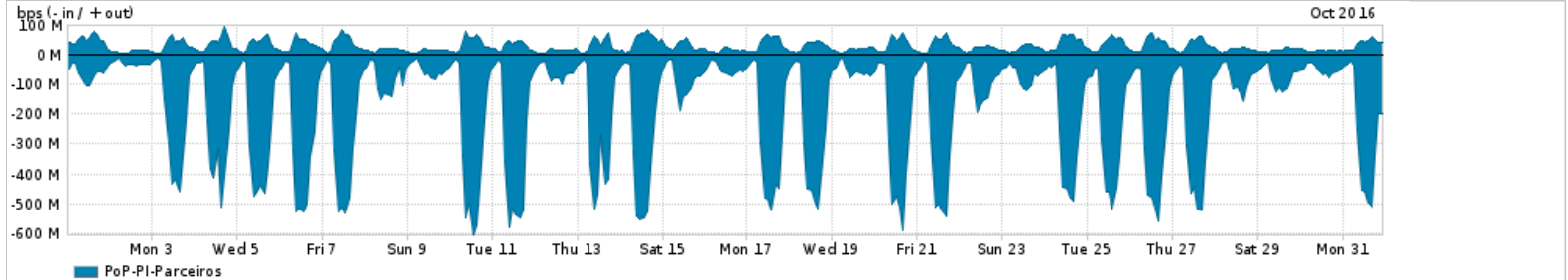
Utilização do serviço de Internet Commodity pelo PoP-PI



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------------------|------------|------------|-------------|
| <input checked="" type="checkbox"/> | PoP-PI | Internet Commodity | 86.46 Mbps | 15.76 Mbps | 102.22 Mbps |

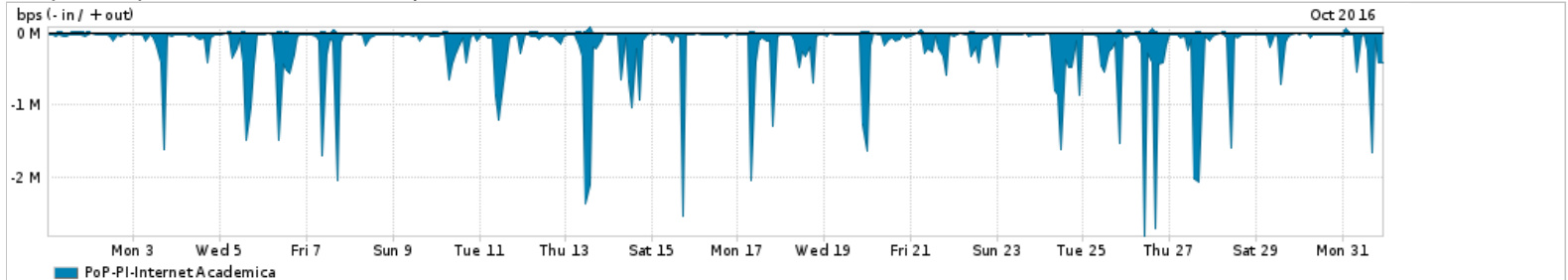
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-PI



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|-----------|-------------|------------|-------------|
| <input checked="" type="checkbox"/> | PoP-PI | Parceiros | 177.56 Mbps | 28.49 Mbps | 206.05 Mbps |

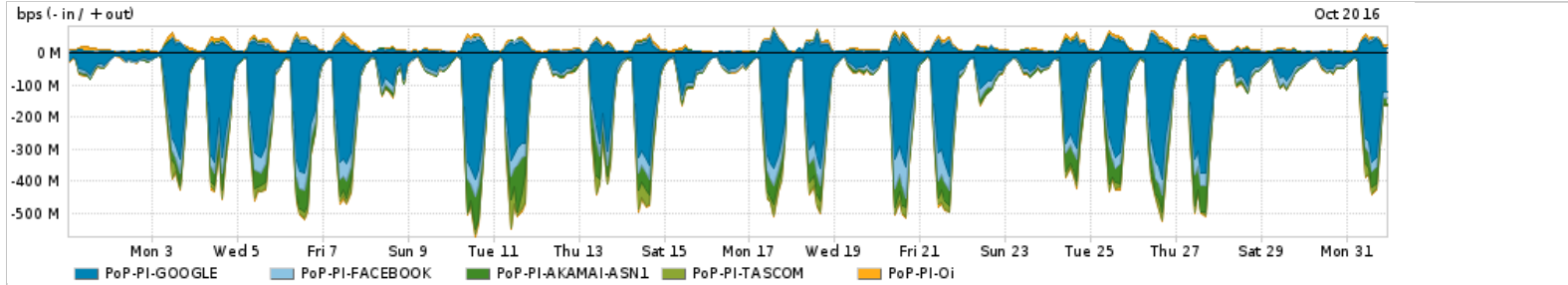
Utilização do serviço de Internet acadêmica internacional pelo PoP-PI



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------------------|-------------|-----------|-------------|
| <input checked="" type="checkbox"/> | PoP-PI | Internet Acadêmica | 205.80 Kbps | 6.37 Kbps | 212.18 Kbps |

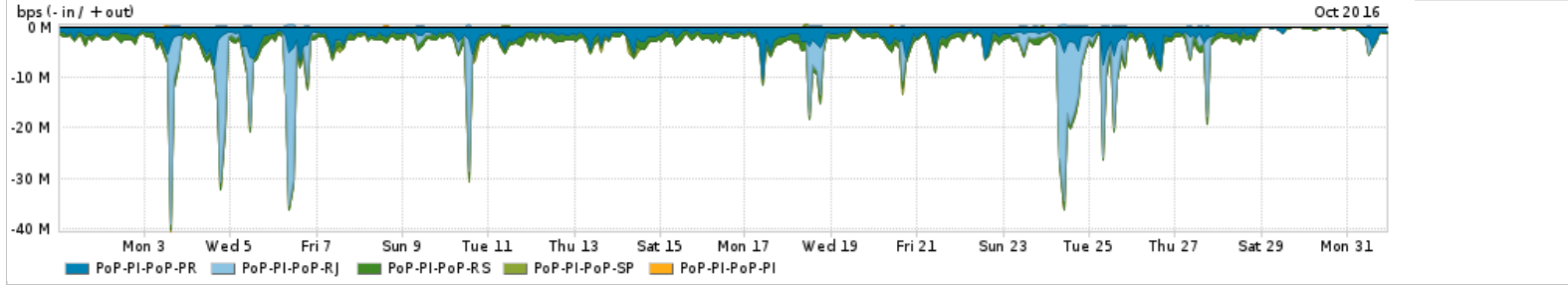
Redes (AS's de origem) mais acessadas pelo PoP-PI



Average | Max | PCT95

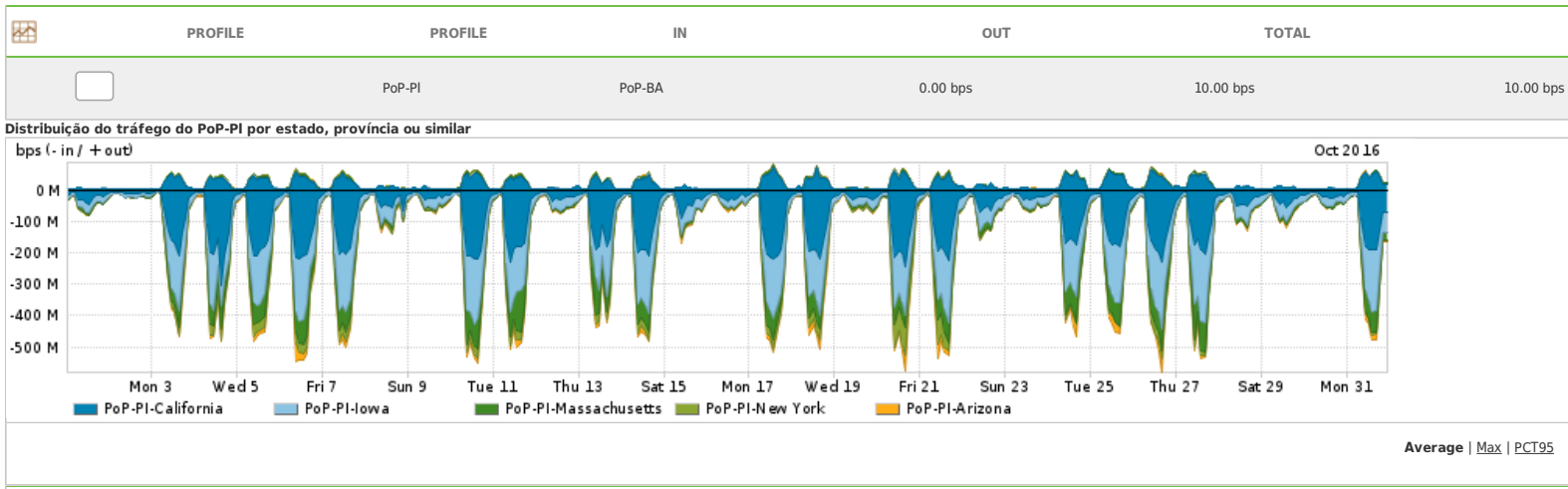
| PROFILE | AS NAME | ASN | IN | OUT | TOTAL |
|-------------------------------------|---------|-------------|-------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-PI | GOOGLE | 15169 | 112.77 Mbps | 124.77 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | FACEBOOK | 32934 | 18.93 Mbps | 20.53 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | AKAMAI-ASN1 | 20940 | 18.67 Mbps | 19.37 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | TASCOM | 52871 | 6.72 Mbps | 6.98 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | Oi | 7738 | 2.50 Mbps | 6.94 Mbps |
| <input type="checkbox"/> | PoP-PI | MICROSOFTEU | 8068 | 5.11 Mbps | 5.59 Mbps |
| <input type="checkbox"/> | PoP-PI | G8 | 28329 | 5.44 Mbps | 5.49 Mbps |
| <input type="checkbox"/> | PoP-PI | OVH | 16276 | 5.31 Mbps | 5.47 Mbps |
| <input type="checkbox"/> | PoP-PI | DCLUX | 24611 | 4.65 Mbps | 5.03 Mbps |
| <input type="checkbox"/> | PoP-PI | NET | 28573 | 1.41 Mbps | 4.54 Mbps |

Interesse de tráfego do PoP-PI com os outros PoPs da RNP

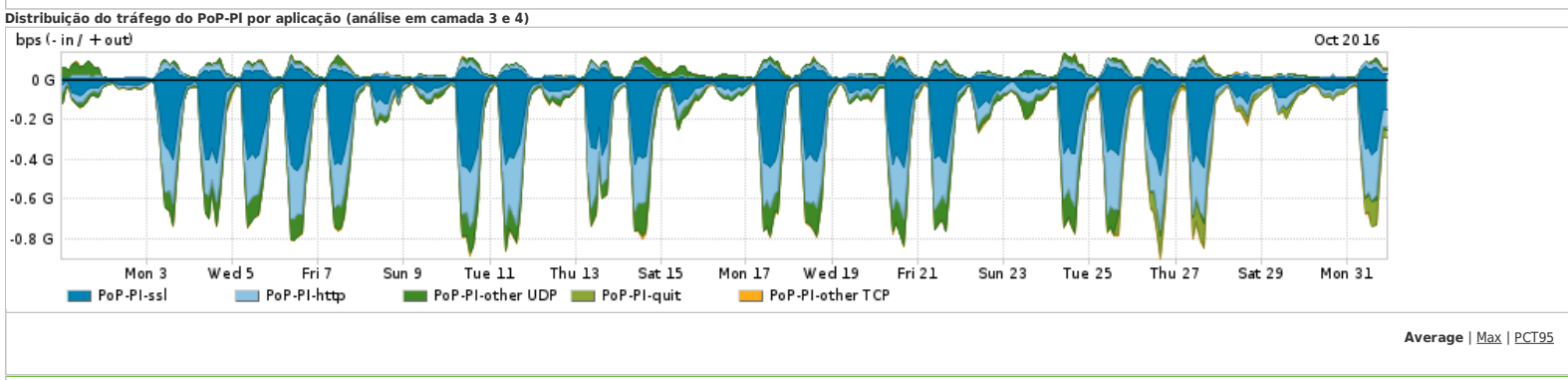


Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL |
|-------------------------------------|---------|--------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-PI | PoP-PR | 1.90 Mbps | 1.90 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | PoP-RJ | 1.30 Mbps | 1.32 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | PoP-RS | 967.15 Kbps | 967.16 Kbps |
| <input checked="" type="checkbox"/> | PoP-PI | PoP-SP | 31.04 Kbps | 34.15 Kbps |
| <input checked="" type="checkbox"/> | PoP-PI | PoP-PI | 1.89 Kbps | 3.78 Kbps |
| <input type="checkbox"/> | PoP-PI | PoP-DF | 1.47 Kbps | 1.63 Kbps |
| <input type="checkbox"/> | PoP-PI | PoP-SC | 116.00 bps | 145.00 bps |
| <input type="checkbox"/> | PoP-PI | PoP-GO | 0.00 bps | 35.00 bps |
| <input type="checkbox"/> | PoP-PI | PoP-RN | 0.00 bps | 15.00 bps |



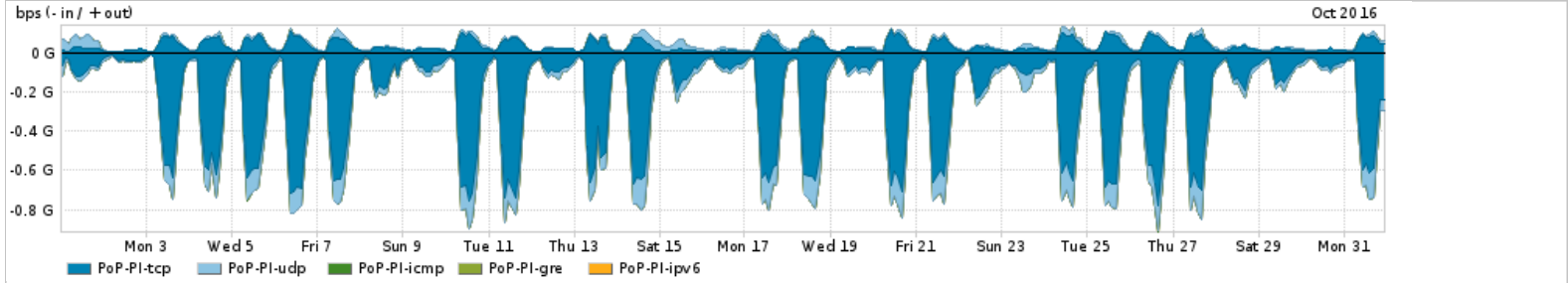
| PROFILE | REGION | IN | OUT | TOTAL | |
|-------------------------------------|--------|---------------|-------------|-------------|------------|
| <input checked="" type="checkbox"/> | PoP-PI | California | 69.07 Mbps | 15.48 Mbps | 84.55 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | Iowa | 57.74 Mbps | 364.25 Kbps | 58.10 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | Massachusetts | 21.66 Mbps | 894.30 Kbps | 22.56 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | New York | 9.24 Mbps | 1.23 Mbps | 10.47 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | Arizona | 5.64 Mbps | 110.00 Kbps | 5.75 Mbps |
| <input type="checkbox"/> | PoP-PI | Delaware | 4.48 Mbps | 397.97 Kbps | 4.88 Mbps |
| <input type="checkbox"/> | PoP-PI | Connecticut | 4.61 Mbps | 66.28 Kbps | 4.68 Mbps |
| <input type="checkbox"/> | PoP-PI | Florida | 3.57 Mbps | 138.29 Kbps | 3.71 Mbps |
| <input type="checkbox"/> | PoP-PI | Virginia | 2.70 Mbps | 631.77 Kbps | 3.33 Mbps |
| <input type="checkbox"/> | PoP-PI | Washington | 2.67 Mbps | 657.19 Kbps | 3.33 Mbps |
| <input type="checkbox"/> | PoP-PI | Texas | 2.29 Mbps | 237.02 Kbps | 2.53 Mbps |
| <input type="checkbox"/> | PoP-PI | Colorado | 2.12 Mbps | 89.84 Kbps | 2.21 Mbps |
| <input type="checkbox"/> | PoP-PI | Sao Paulo | 1.03 Mbps | 844.65 Kbps | 1.87 Mbps |
| <input type="checkbox"/> | PoP-PI | Piauí | 286.82 Kbps | 1.56 Mbps | 1.85 Mbps |
| <input type="checkbox"/> | PoP-PI | Quebec | 1.62 Mbps | 89.82 Kbps | 1.71 Mbps |



| PROFILE | APPLICATION | IN | OUT | TOTAL | |
|-------------------------------------|-------------|------|-------------|------------|-------------|
| <input checked="" type="checkbox"/> | PoP-PI | ssl | 137.15 Mbps | 19.78 Mbps | 156.93 Mbps |
| <input checked="" type="checkbox"/> | PoP-PI | http | 81.04 Mbps | 11.60 Mbps | 92.64 Mbps |

| | PROFILE | APPLICATION | IN | OUT | TOTAL | |
|-------------------------------------|---------|-------------|----------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | | PoP-PI | other UDP | 35.90 Mbps | 10.31 Mbps | 46.21 Mbps |
| <input checked="" type="checkbox"/> | | PoP-PI | quit | 7.42 Mbps | 263.94 Kbps | 7.69 Mbps |
| <input checked="" type="checkbox"/> | | PoP-PI | other TCP | 4.44 Mbps | 878.51 Kbps | 5.32 Mbps |
| <input type="checkbox"/> | | PoP-PI | bittorrent | 740.54 Kbps | 517.18 Kbps | 1.26 Mbps |
| <input type="checkbox"/> | | PoP-PI | macromedia-fcs | 626.70 Kbps | 21.37 Kbps | 648.07 Kbps |
| <input type="checkbox"/> | | PoP-PI | opennap | 32.95 Kbps | 455.15 Kbps | 488.09 Kbps |
| <input type="checkbox"/> | | PoP-PI | dns | 350.85 Kbps | 80.11 Kbps | 430.96 Kbps |
| <input type="checkbox"/> | | PoP-PI | xmpp | 199.84 Kbps | 92.99 Kbps | 292.83 Kbps |

Distribuição do tráfego do PoP-PI por protocolo



Average | Max | PCT95

| | PROFILE | PROTOCOL | IN | OUT | TOTAL | |
|-------------------------------------|---------|----------|------------|-------------|------------|-------------|
| <input checked="" type="checkbox"/> | | PoP-PI | tcp | 224.67 Mbps | 33.53 Mbps | 258.20 Mbps |
| <input checked="" type="checkbox"/> | | PoP-PI | udp | 43.75 Mbps | 10.72 Mbps | 54.47 Mbps |
| <input checked="" type="checkbox"/> | | PoP-PI | icmp | 20.24 Kbps | 23.89 Kbps | 44.13 Kbps |
| <input checked="" type="checkbox"/> | | PoP-PI | gre | 1.88 Kbps | 10.02 Kbps | 11.90 Kbps |
| <input checked="" type="checkbox"/> | | PoP-PI | ipv6 | 770.00 bps | 44.00 bps | 814.00 bps |
| <input type="checkbox"/> | | PoP-PI | esp | 251.00 bps | 214.00 bps | 465.00 bps |
| <input type="checkbox"/> | | PoP-PI | ipv6-icmp | 31.00 bps | 1.00 bps | 32.00 bps |
| <input type="checkbox"/> | | PoP-PI | ipv6-route | 0.00 bps | 0.00 bps | 0.00 bps |
| <input type="checkbox"/> | | PoP-PI | 253 | 0.00 bps | 0.00 bps | 0.00 bps |
| <input type="checkbox"/> | | PoP-PI | 255 | 0.00 bps | 0.00 bps | 0.00 bps |

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