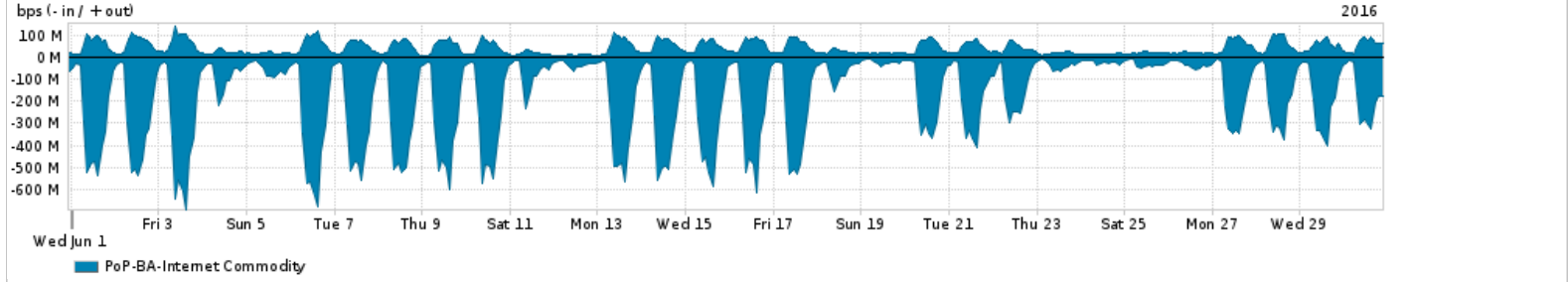


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

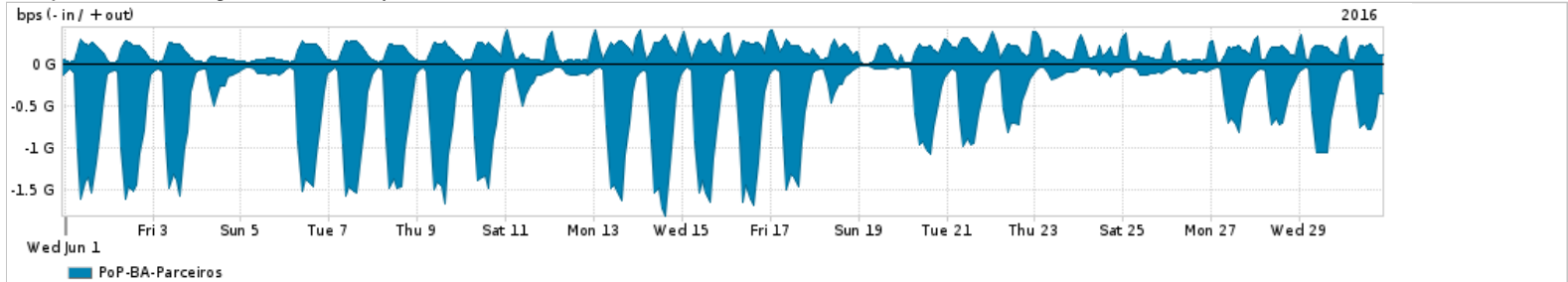
Utilização do serviço de Internet Commodity pelo PoP-BA



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|--------------------------|---------|--------------------|-------------|------------|-------------|
| <input type="checkbox"/> | PoP-BA | Internet Commodity | 178.09 Mbps | 41.33 Mbps | 219.43 Mbps |

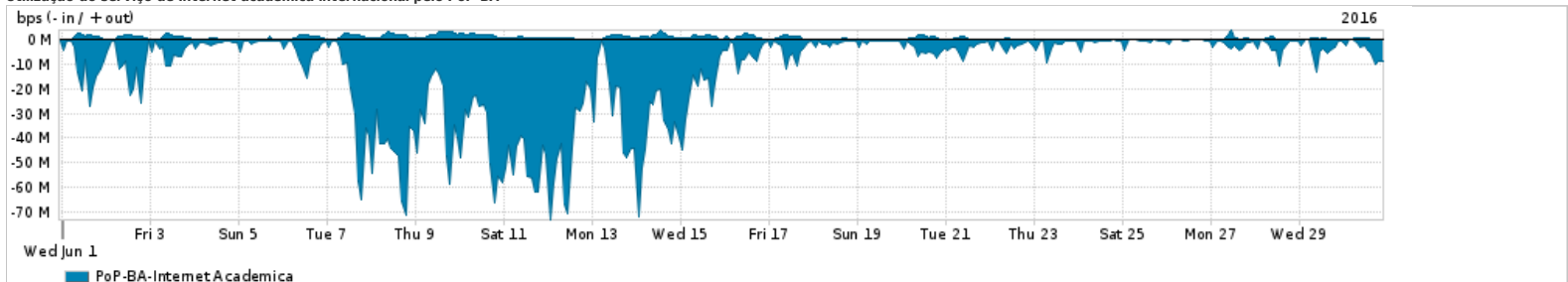
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-BA



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|--------------------------|---------|-----------|-------------|-------------|-------------|
| <input type="checkbox"/> | PoP-BA | Parceiros | 485.25 Mbps | 155.29 Mbps | 640.54 Mbps |

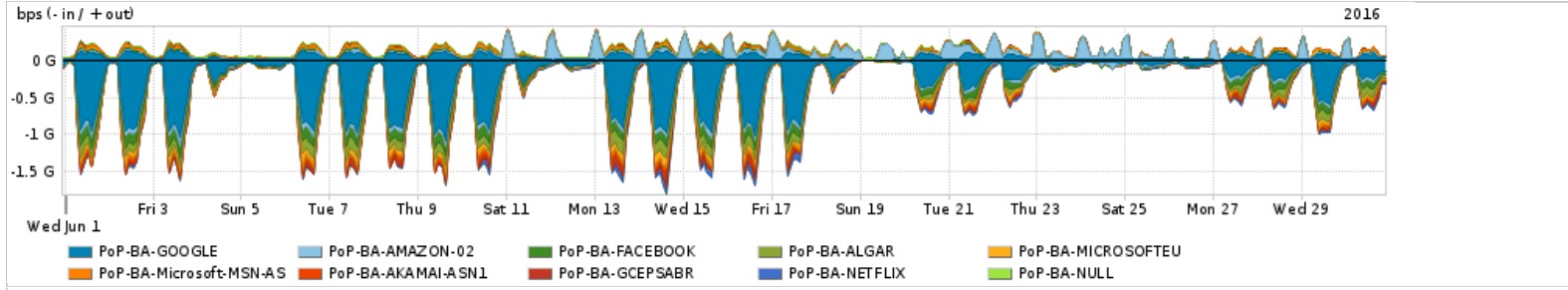
Utilização do serviço de Internet acadêmica internacional pelo PoP-BA



Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|--------------------------|---------|--------------------|------------|-------------|------------|
| <input type="checkbox"/> | PoP-BA | Internet Acadêmica | 12.86 Mbps | 810.39 Kbps | 13.67 Mbps |

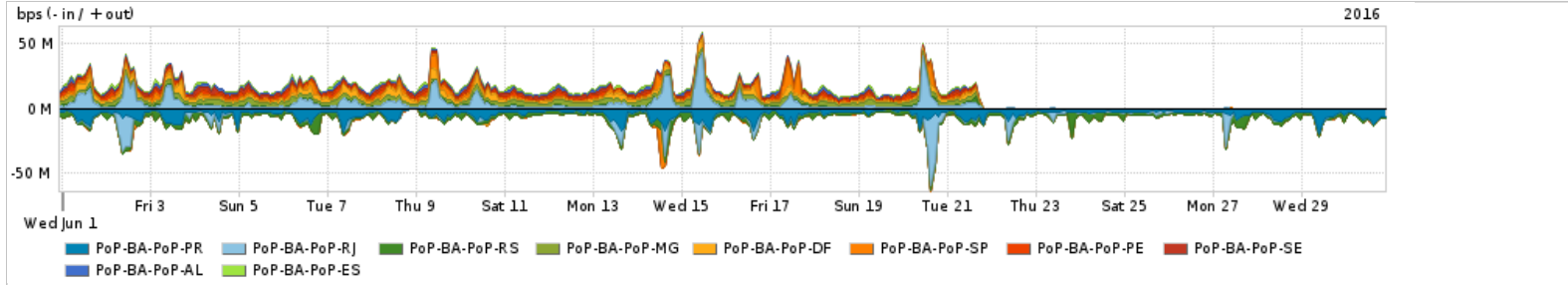
Redes (AS's de origem) mais acessadas pelo PoP-BA



Average | Max | PCT95

| PROFILE | AS NAME | ASN | IN | OUT | TOTAL |
|--------------------------|---------|------------------|-------|-------------|---------------------------|
| <input type="checkbox"/> | PoP-BA | GOOGLE | 15169 | 258.41 Mbps | 36.60 Mbps 295.01 Mbps |
| <input type="checkbox"/> | PoP-BA | AMAZON-02 | 16509 | 22.19 Mbps | 55.59 Mbps 77.78 Mbps |
| <input type="checkbox"/> | PoP-BA | FACEBOOK | 32934 | 45.89 Mbps | 6.44 Mbps 52.33 Mbps |
| <input type="checkbox"/> | PoP-BA | ALGAR | 16735 | 40.35 Mbps | 1.20 Mbps 41.55 Mbps |
| <input type="checkbox"/> | PoP-BA | MICROSOFTEU | 8068 | 26.05 Mbps | 6.95 Mbps 33.00 Mbps |
| <input type="checkbox"/> | PoP-BA | Microsoft-MSN-AS | 8075 | 11.02 Mbps | 14.92 Mbps 25.94 Mbps |
| <input type="checkbox"/> | PoP-BA | AKAMAI-ASN1 | 20940 | 17.82 Mbps | 1.01 Mbps 18.83 Mbps |
| <input type="checkbox"/> | PoP-BA | GCEPSABR | 28604 | 17.20 Mbps | 1.34 Mbps 18.53 Mbps |
| <input type="checkbox"/> | PoP-BA | NETFLIX | 2906 | 17.58 Mbps | 169.05 Kbps 17.75 Mbps |
| <input type="checkbox"/> | PoP-BA | NULL | 0 | 11.69 Kbps | 13.16 Mbps 13.17 Mbps |

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

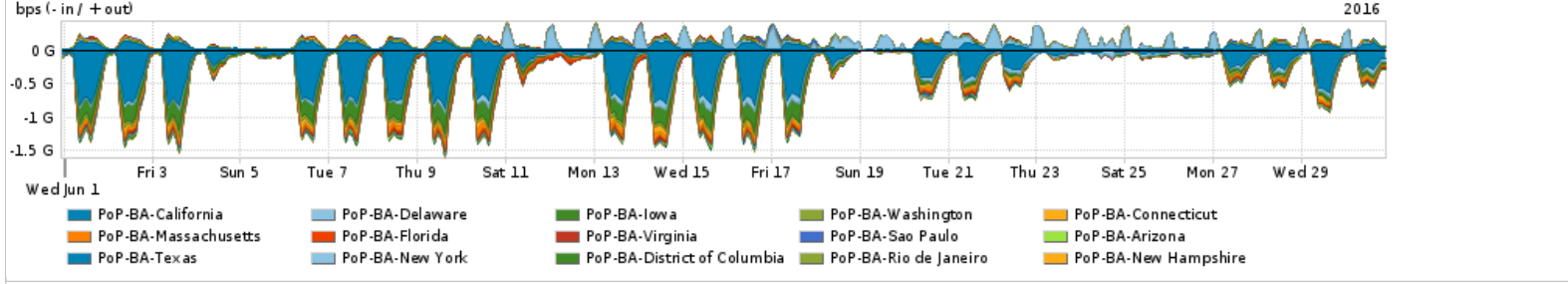


Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL |
|--------------------------|---------|--------|-------------|----------------------------|
| <input type="checkbox"/> | PoP-BA | PoP-PR | 4.90 Mbps | 4.00 bps 4.90 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-RJ | 1.24 Mbps | 2.75 Mbps 4.00 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-RS | 2.71 Mbps | 390.44 Kbps 3.10 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-MG | 103.00 bps | 2.21 Mbps 2.21 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-DF | 7.12 Kbps | 1.80 Mbps 1.81 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-SP | 189.35 Kbps | 1.22 Mbps 1.41 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-PE | 0.00 bps | 1.21 Mbps 1.21 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-SE | 0.00 bps | 1.07 Mbps 1.07 Mbps |
| <input type="checkbox"/> | PoP-BA | PoP-AL | 0.00 bps | 841.09 Kbps 841.09 Kbps |

| PROFILE | PROFILE | IN | OUT | TOTAL |
|--------------------------|---------|--------|----------|-------------|
| <input type="checkbox"/> | PoP-BA | PoP-ES | 0.00 bps | 764.62 Kbps |

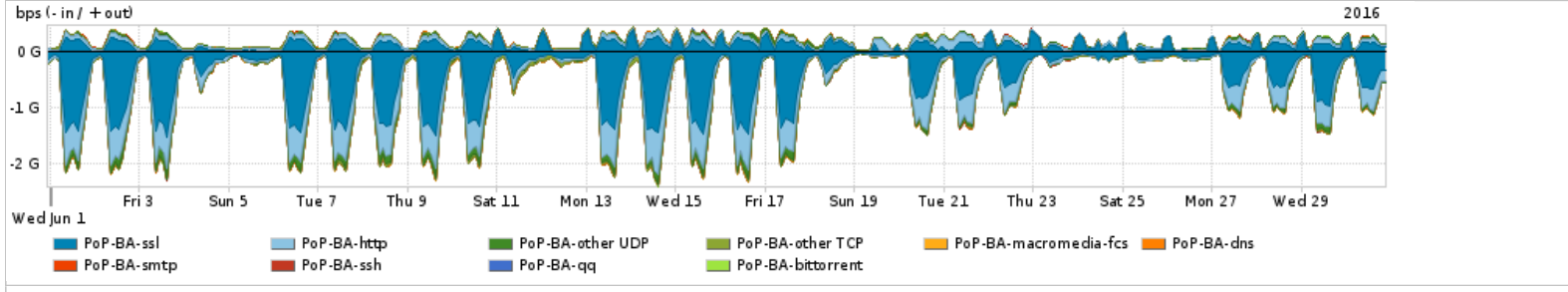
Distribuição do tráfego do PoP-BA por estado, província ou similar



Average | Max | PCT95

| PROFILE | REGION | IN | OUT | TOTAL | |
|--------------------------|--------|----------------------|-------------|-------------|-------------|
| <input type="checkbox"/> | PoP-BA | California | 224.10 Mbps | 43.02 Mbps | 267.11 Mbps |
| <input type="checkbox"/> | PoP-BA | Delaware | 28.12 Mbps | 49.20 Mbps | 77.32 Mbps |
| <input type="checkbox"/> | PoP-BA | Iowa | 66.55 Mbps | 1.71 Mbps | 68.26 Mbps |
| <input type="checkbox"/> | PoP-BA | Washington | 15.30 Mbps | 15.21 Mbps | 30.51 Mbps |
| <input type="checkbox"/> | PoP-BA | Connecticut | 20.62 Mbps | 1.00 Mbps | 21.62 Mbps |
| <input type="checkbox"/> | PoP-BA | Massachusetts | 18.93 Mbps | 2.03 Mbps | 20.96 Mbps |
| <input type="checkbox"/> | PoP-BA | Florida | 15.60 Mbps | 563.18 Kbps | 16.16 Mbps |
| <input type="checkbox"/> | PoP-BA | Virginia | 6.95 Mbps | 5.04 Mbps | 11.98 Mbps |
| <input type="checkbox"/> | PoP-BA | Sao Paulo | 4.83 Mbps | 3.99 Mbps | 8.82 Mbps |
| <input type="checkbox"/> | PoP-BA | Arizona | 8.50 Mbps | 298.85 Kbps | 8.80 Mbps |
| <input type="checkbox"/> | PoP-BA | Texas | 4.77 Mbps | 853.80 Kbps | 5.63 Mbps |
| <input type="checkbox"/> | PoP-BA | New York | 3.21 Mbps | 732.65 Kbps | 3.94 Mbps |
| <input type="checkbox"/> | PoP-BA | District of Columbia | 3.44 Mbps | 109.75 Kbps | 3.55 Mbps |
| <input type="checkbox"/> | PoP-BA | Rio de Janeiro | 2.07 Mbps | 898.09 Kbps | 2.97 Mbps |
| <input type="checkbox"/> | PoP-BA | New Hampshire | 2.52 Mbps | 101.87 Kbps | 2.62 Mbps |

Distribuição do tráfego do PoP-BA por aplicação (análise em camada 3 e 4)

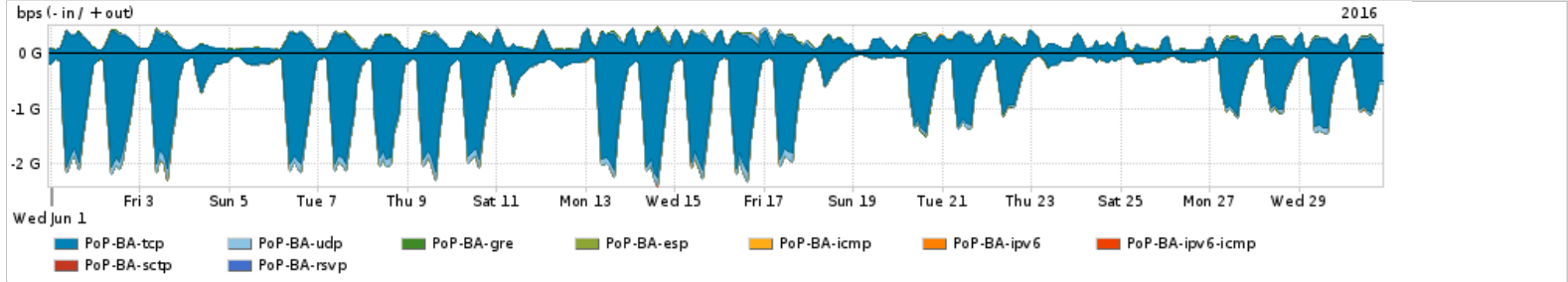


Average | Max | PCT95

| PROFILE | APPLICATION | IN | OUT | TOTAL | |
|--------------------------|-------------|------|-------------|-------------|-------------|
| <input type="checkbox"/> | PoP-BA | ssl | 418.66 Mbps | 120.46 Mbps | 539.12 Mbps |
| <input type="checkbox"/> | PoP-BA | http | 194.69 Mbps | 50.66 Mbps | 245.34 Mbps |

| PROFILE | APPLICATION | IN | OUT | TOTAL | |
|--------------------------|-------------|----------------|-------------|-------------|-------------|
| <input type="checkbox"/> | PoP-BA | other UDP | 39.64 Mbps | 12.17 Mbps | 51.81 Mbps |
| <input type="checkbox"/> | PoP-BA | other TCP | 20.33 Mbps | 15.51 Mbps | 35.84 Mbps |
| <input type="checkbox"/> | PoP-BA | macromedia-fcs | 4.24 Mbps | 652.06 Kbps | 4.89 Mbps |
| <input type="checkbox"/> | PoP-BA | dns | 1.18 Mbps | 1.98 Mbps | 3.15 Mbps |
| <input type="checkbox"/> | PoP-BA | smtp | 1.22 Mbps | 1.63 Mbps | 2.85 Mbps |
| <input type="checkbox"/> | PoP-BA | ssh | 294.45 Kbps | 313.34 Kbps | 607.80 Kbps |
| <input type="checkbox"/> | PoP-BA | qq | 154.15 Kbps | 433.51 Kbps | 587.66 Kbps |
| <input type="checkbox"/> | PoP-BA | bittorrent | 262.81 Kbps | 194.10 Kbps | 456.92 Kbps |

Distribuição do tráfego do PoP-BA por protocolo



Average | Max | PCT95

| PROFILE | PROTOCOL | IN | OUT | TOTAL | |
|--------------------------|----------|-----------|-------------|-------------|-------------|
| <input type="checkbox"/> | PoP-BA | tcp | 640.81 Mbps | 190.63 Mbps | 831.43 Mbps |
| <input type="checkbox"/> | PoP-BA | udp | 41.01 Mbps | 14.28 Mbps | 55.29 Mbps |
| <input type="checkbox"/> | PoP-BA | gre | 879.53 Kbps | 6.12 Mbps | 7.00 Mbps |
| <input type="checkbox"/> | PoP-BA | esp | 2.59 Mbps | 3.42 Mbps | 6.00 Mbps |
| <input type="checkbox"/> | PoP-BA | icmp | 62.85 Kbps | 160.80 Kbps | 223.66 Kbps |
| <input type="checkbox"/> | PoP-BA | ipv6 | 908.00 bps | 5.20 Kbps | 6.11 Kbps |
| <input type="checkbox"/> | PoP-BA | ipv6-icmp | 558.00 bps | 2.52 Kbps | 3.08 Kbps |
| <input type="checkbox"/> | PoP-BA | sctp | 4.00 bps | 0.00 bps | 4.00 bps |
| <input type="checkbox"/> | PoP-BA | rsvp | 0.00 bps | 0.00 bps | 0.00 bps |

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