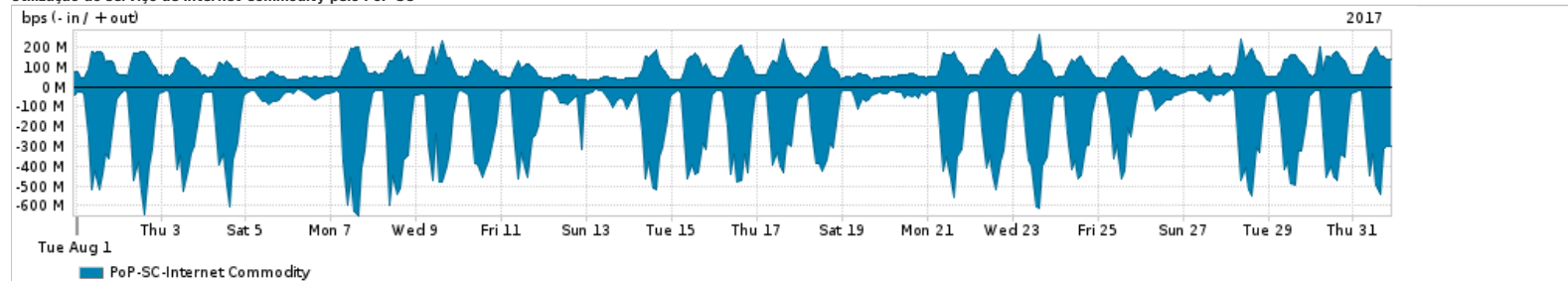


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

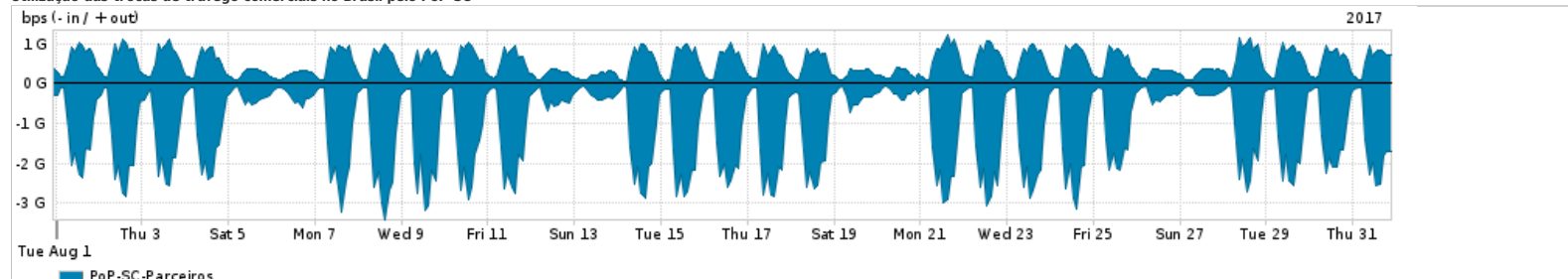
- PoP - Ponto de presença da RNP
- Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
- Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
- Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos 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-SC



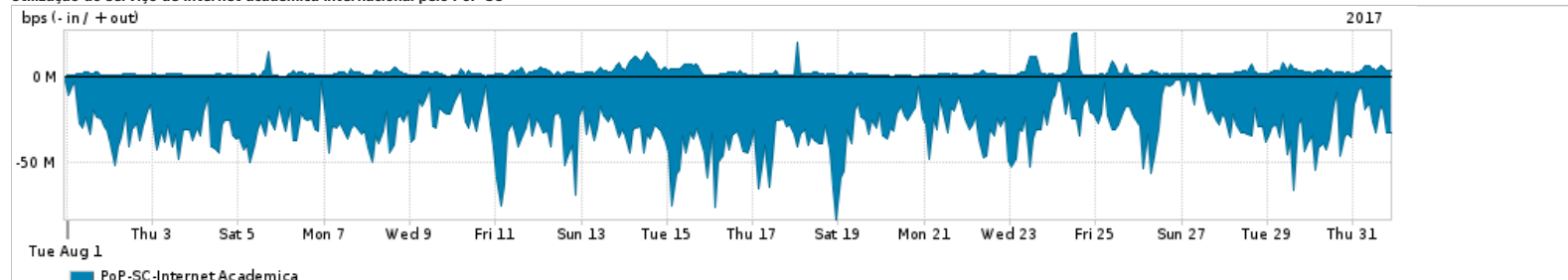
| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------------------|-------------|------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | Internet Commodity | 195.34 Mbps | 91.21 Mbps | 286.55 Mbps |

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



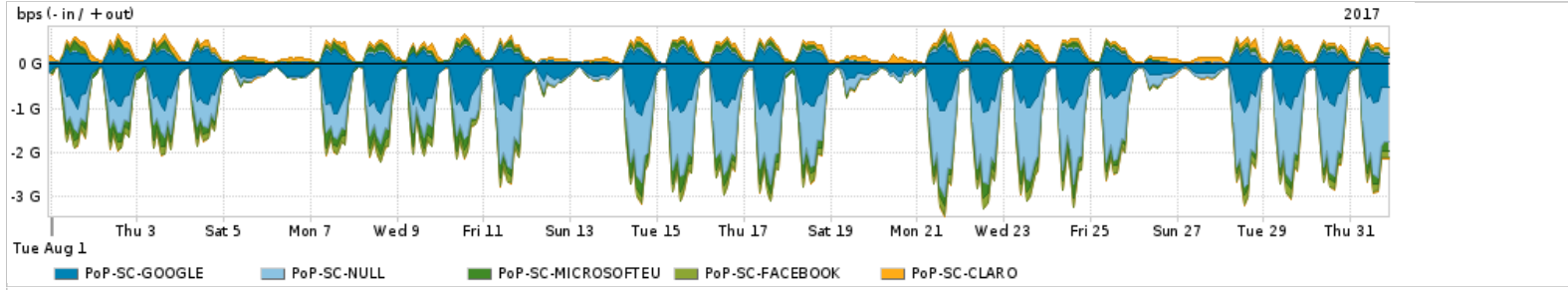
| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|-----------|-----------|-------------|-----------|
| <input checked="" type="checkbox"/> | PoP-SC | Parceiros | 1.13 Gbps | 491.23 Mbps | 1.62 Gbps |

Utilização do serviço de Internet acadêmica internacional pelo PoP-SC



| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------------------|------------|-----------|------------|
| <input checked="" type="checkbox"/> | PoP-SC | Internet Acadêmica | 30.22 Mbps | 2.67 Mbps | 32.89 Mbps |

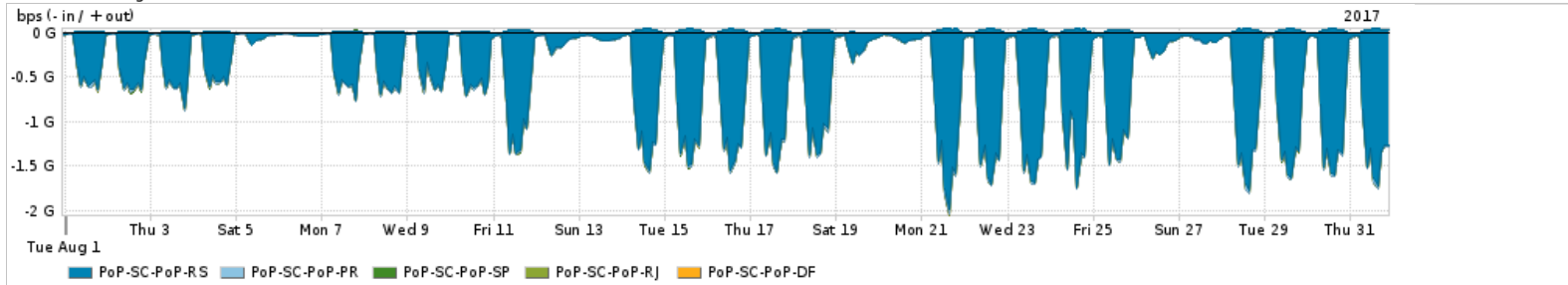
Redes (AS's de origem) mais acessadas pelo PoP-SC



Average | Max | PCT95

| PROFILE | AS NAME | ASN | IN | OUT | TOTAL | |
|-------------------------------------|---------|-------------|-------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | GOOGLE | 15169 | 438.56 Mbps | 138.73 Mbps | 577.29 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | NULL | 0 | 507.89 Mbps | 14.78 Mbps | 522.67 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | MICROSOFTEU | 8068 | 98.43 Mbps | 38.16 Mbps | 136.59 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | FACEBOOK | 32934 | 78.03 Mbps | 15.39 Mbps | 93.41 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | CLARO | 28573 | 7.23 Mbps | 70.12 Mbps | 77.35 Mbps |
| <input type="checkbox"/> | PoP-SC | NETFLIX | 2906 | 60.70 Mbps | 1.04 Mbps | 61.74 Mbps |
| <input type="checkbox"/> | PoP-SC | AMAZON-02 | 16509 | 48.24 Mbps | 10.05 Mbps | 58.28 Mbps |
| <input type="checkbox"/> | PoP-SC | ALGAR | 16735 | 48.25 Mbps | 3.60 Kbps | 48.25 Mbps |
| <input type="checkbox"/> | PoP-SC | APPLE | 714 | 12.66 Mbps | 33.27 Mbps | 45.92 Mbps |
| <input type="checkbox"/> | PoP-SC | EDGECAST | 15133 | 37.33 Mbps | 869.68 Kbps | 38.20 Mbps |

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

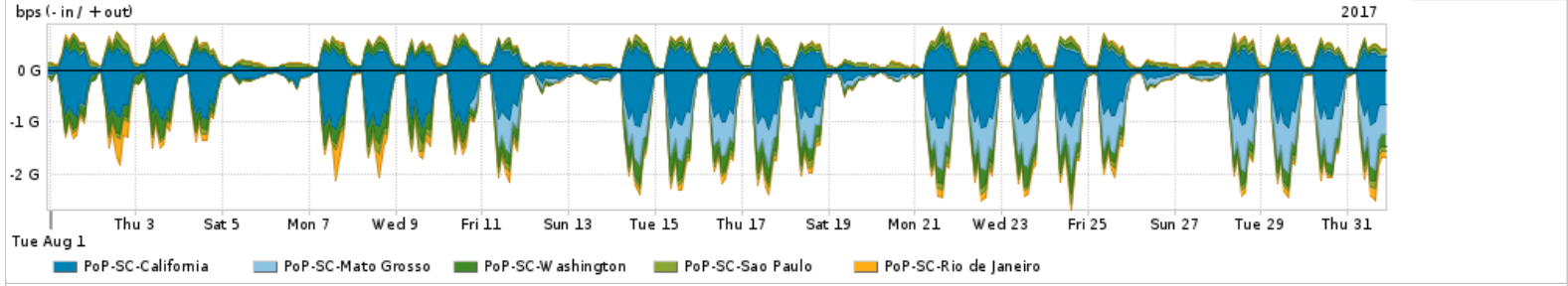


Average | Max | PCT95

| PROFILE | PROFILE | IN | OUT | TOTAL | |
|-------------------------------------|---------|--------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | PoP-RS | 513.82 Mbps | 14.94 Mbps | 528.76 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | PoP-PR | 14.07 Mbps | 7.58 Kbps | 14.07 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | PoP-SP | 534.48 Kbps | 109.42 Kbps | 643.91 Kbps |
| <input checked="" type="checkbox"/> | PoP-SC | PoP-RJ | 425.72 Kbps | 10.28 Kbps | 435.99 Kbps |
| <input checked="" type="checkbox"/> | PoP-SC | PoP-DF | 238.00 bps | 9.63 Kbps | 9.87 Kbps |
| <input type="checkbox"/> | PoP-SC | PoP-SC | 4.77 Kbps | 4.77 Kbps | 9.53 Kbps |
| <input type="checkbox"/> | PoP-SC | PoP-MG | 25.00 bps | 3.46 Kbps | 3.49 Kbps |
| <input type="checkbox"/> | PoP-SC | PoP-BA | 1.00 bps | 2.36 Kbps | 2.36 Kbps |
| <input type="checkbox"/> | PoP-SC | PoP-PA | 0.00 bps | 1.92 Kbps | 1.92 Kbps |

| PROFILE | PROFILE | IN | OUT | TOTAL |
|--------------------------|---------|--------|-----------|-----------|
| <input type="checkbox"/> | PoP-SC | PoP-PB | 15.00 bps | 1.65 Kbps |
| | | | | 1.66 Kbps |

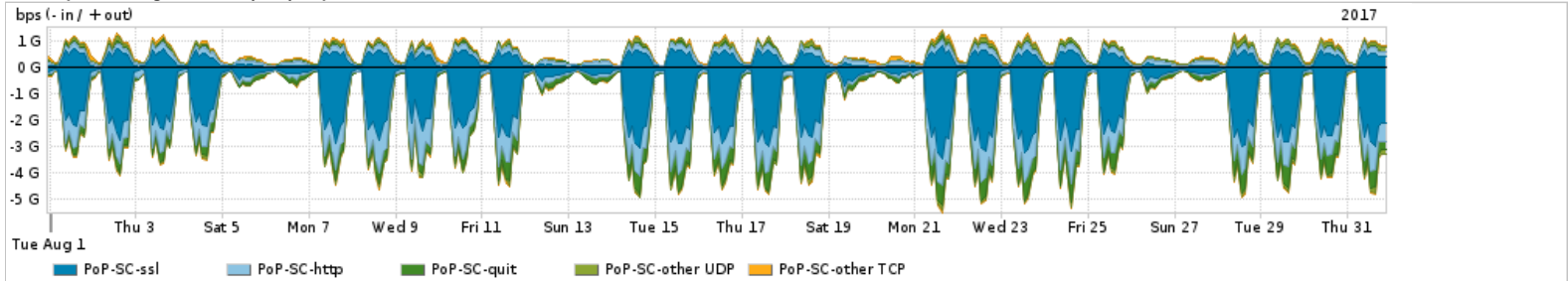
Distribuição do tráfego do PoP-SC por estado, província ou similar



Average | Max | PCT95

| PROFILE | REGION | IN | OUT | TOTAL | |
|-------------------------------------|--------|-------------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | California | 413.77 Mbps | 174.79 Mbps | 588.56 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | Mato Grosso | 188.43 Mbps | 5.55 Mbps | 193.99 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | Washington | 127.11 Mbps | 44.97 Mbps | 172.08 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | Sao Paulo | 46.05 Mbps | 56.86 Mbps | 102.91 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | Rio de Janeiro | 55.73 Mbps | 18.93 Mbps | 74.66 Mbps |
| <input type="checkbox"/> | PoP-SC | Delaware | 55.74 Mbps | 965.55 Kbps | 56.71 Mbps |
| <input type="checkbox"/> | PoP-SC | Santa Catarina | 24.89 Mbps | 24.83 Mbps | 49.72 Mbps |
| <input type="checkbox"/> | PoP-SC | Massachusetts | 40.81 Mbps | 1.71 Mbps | 42.52 Mbps |
| <input type="checkbox"/> | PoP-SC | Virginia | 16.77 Mbps | 14.08 Mbps | 30.84 Mbps |
| <input type="checkbox"/> | PoP-SC | Arizona | 23.50 Mbps | 941.90 Kbps | 24.44 Mbps |
| <input type="checkbox"/> | PoP-SC | Parana | 9.74 Mbps | 9.06 Mbps | 18.81 Mbps |
| <input type="checkbox"/> | PoP-SC | Rio Grande do Sul | 4.24 Mbps | 13.27 Mbps | 17.50 Mbps |
| <input type="checkbox"/> | PoP-SC | Colorado | 16.53 Mbps | 360.44 Kbps | 16.89 Mbps |
| <input type="checkbox"/> | PoP-SC | Minas Gerais | 1.91 Mbps | 11.99 Mbps | 13.90 Mbps |
| <input type="checkbox"/> | PoP-SC | Texas | 5.92 Mbps | 2.24 Mbps | 8.16 Mbps |

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

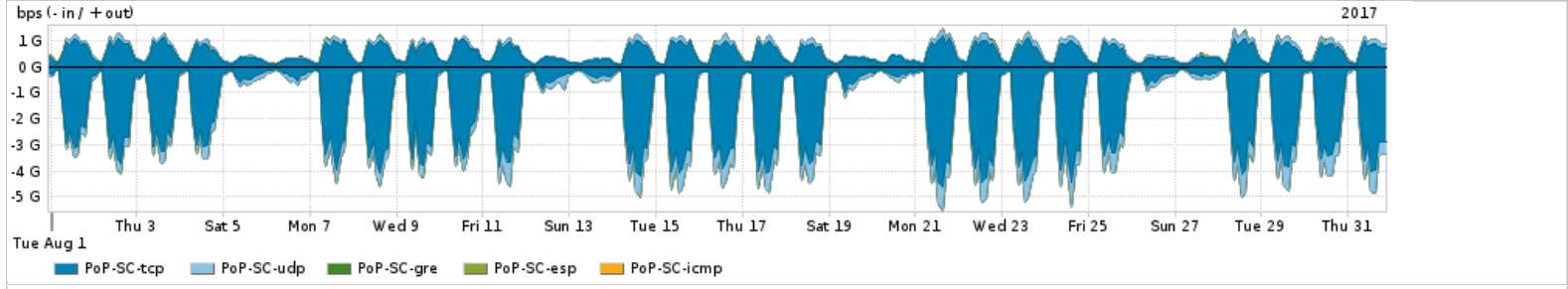


Average | Max | PCT95

| PROFILE | APPLICATION | IN | OUT | TOTAL | |
|-------------------------------------|-------------|------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | ssl | 1.10 Gbps | 280.38 Mbps | 1.38 Gbps |
| <input checked="" type="checkbox"/> | PoP-SC | http | 433.66 Mbps | 145.10 Mbps | 578.77 Mbps |

| | PROFILE | APPLICATION | IN | OUT | TOTAL |
|-------------------------------------|---------|-------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | quit | 250.62 Mbps | 26.38 Mbps | 277.00 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | other UDP | 44.94 Mbps | 69.90 Mbps | 114.83 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | other TCP | 30.62 Mbps | 50.61 Mbps | 81.23 Mbps |
| <input type="checkbox"/> | PoP-SC | rdt | 288.96 Kbps | 6.05 Mbps | 6.34 Mbps |
| <input type="checkbox"/> | PoP-SC | ldap | 355.87 Kbps | 5.70 Mbps | 6.06 Mbps |
| <input type="checkbox"/> | PoP-SC | smtp | 1.91 Mbps | 2.89 Mbps | 4.80 Mbps |
| <input type="checkbox"/> | PoP-SC | ssh | 3.62 Mbps | 906.93 Kbps | 4.53 Mbps |
| <input type="checkbox"/> | PoP-SC | rdp | 893.09 Kbps | 2.99 Mbps | 3.89 Mbps |

Distribuição do tráfego do PoP-SC por protocolo



Average | Max | PCT95

| | PROFILE | PROTOCOL | IN | OUT | TOTAL |
|-------------------------------------|---------|------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-SC | tcp | 1.58 Gbps | 492.39 Mbps | 2.07 Gbps |
| <input checked="" type="checkbox"/> | PoP-SC | udp | 301.19 Mbps | 104.48 Mbps | 405.67 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | gre | 611.36 Kbps | 3.22 Mbps | 3.83 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | esp | 2.95 Mbps | 82.97 Kbps | 3.03 Mbps |
| <input checked="" type="checkbox"/> | PoP-SC | icmp | 268.09 Kbps | 572.16 Kbps | 840.26 Kbps |
| <input type="checkbox"/> | PoP-SC | ipv6 | 229.83 Kbps | 147.35 Kbps | 377.18 Kbps |
| <input type="checkbox"/> | PoP-SC | ipv6-icmp | 124.33 Kbps | 132.79 Kbps | 257.12 Kbps |
| <input type="checkbox"/> | PoP-SC | ipv6-nonxt | 505.00 bps | 0.00 bps | 505.00 bps |
| <input type="checkbox"/> | PoP-SC | sctp | 88.00 bps | 0.00 bps | 88.00 bps |
| <input type="checkbox"/> | PoP-SC | 6l | 64.00 bps | 0.00 bps | 64.00 bps |

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