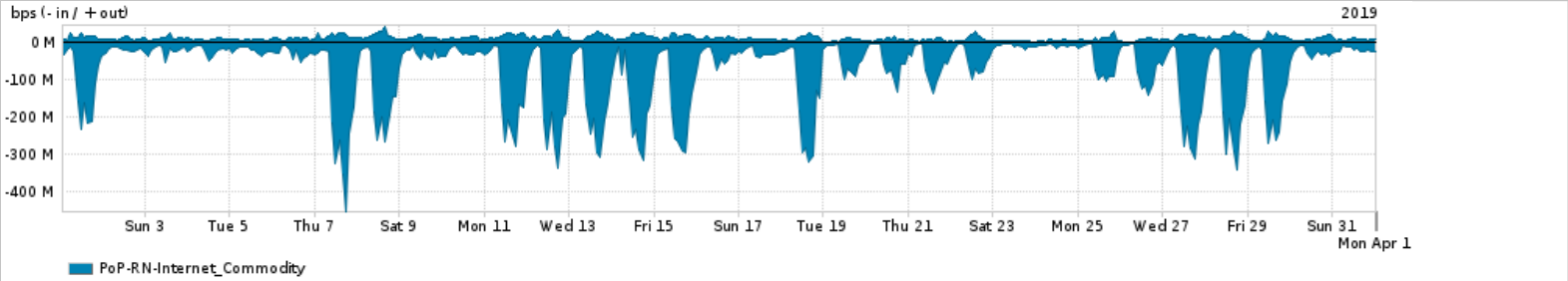


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

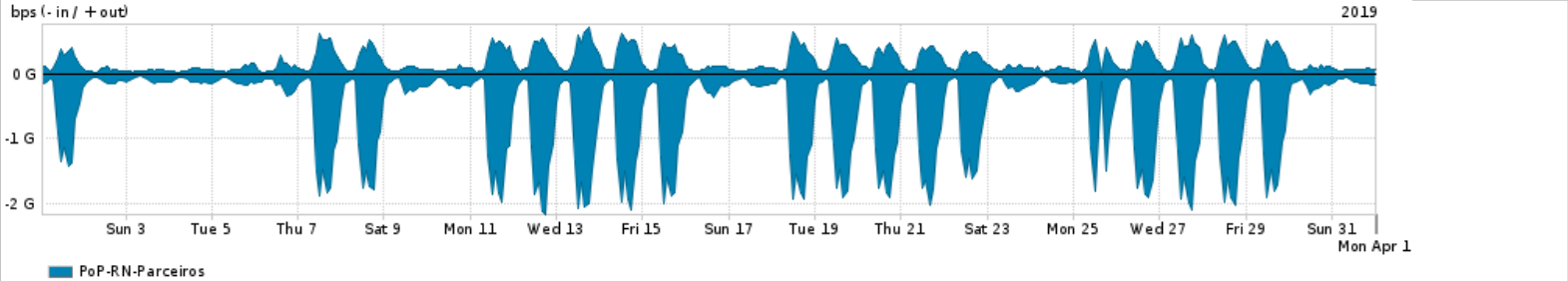
Legenda:
PoP - Ponto de presença da RNP
Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos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



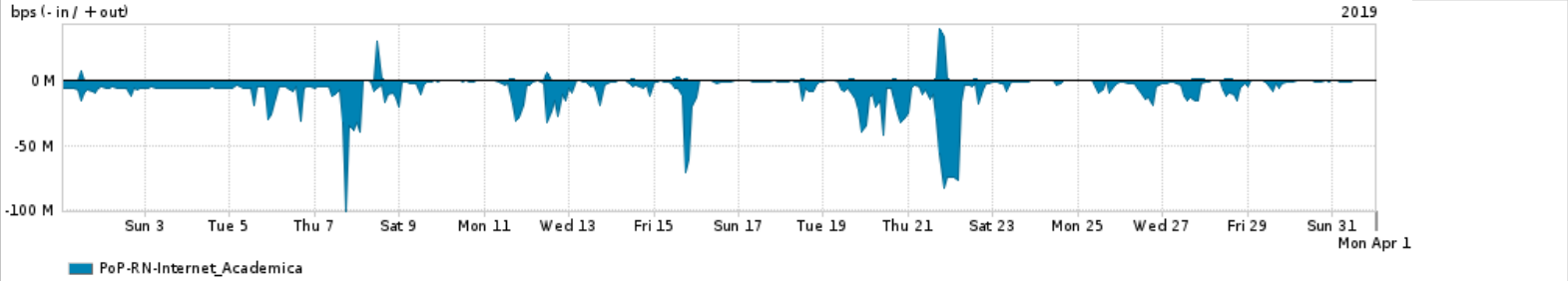
| | PROFILE | PROFILE | IN | OUT | TOTAL |
|---|---------|--------------------|------------|------------|------------|
| X | PoP-RN | Internet_Commodity | 76.34 Mbps | 11.24 Mbps | 87.58 Mbps |

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

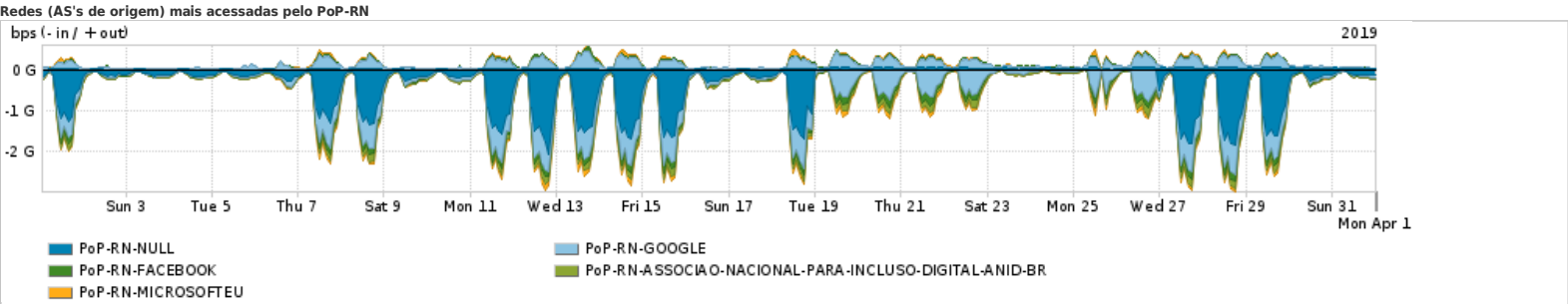


| | PROFILE | PROFILE | IN | OUT | TOTAL |
|---|---------|-----------|-------------|-------------|-------------|
| X | PoP-RN | Parceiros | 595.21 Mbps | 191.92 Mbps | 787.14 Mbps |


Utilização do serviço de Internet acadêmica internacional pelo PoP-RN



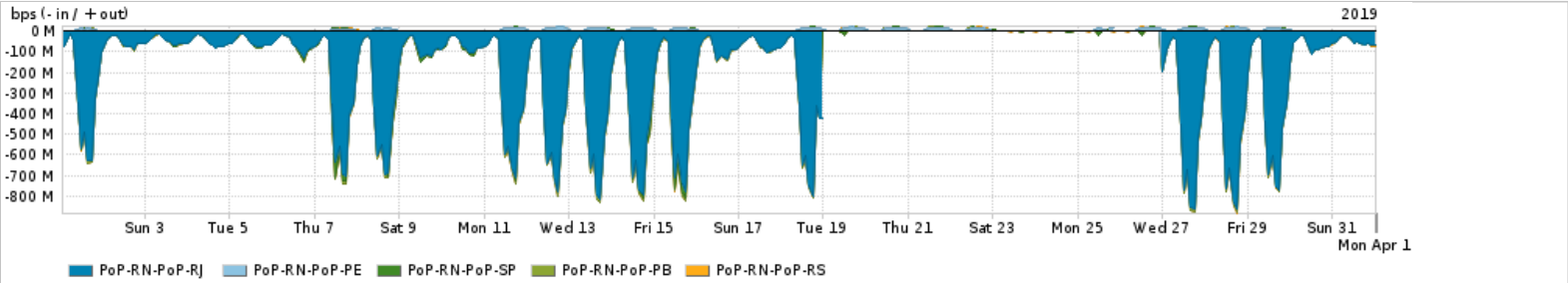
| | PROFILE | PROFILE | IN | OUT | TOTAL |
|---|---------|--------------------|-----------|-------------|-----------|
| X | PoP-RN | Internet_Academica | 7.67 Mbps | 610.11 Kbps | 8.28 Mbps |



Average | [Max](#) | [PCT95](#)

|  | PROFILE | AS NAME | ASN | IN | OUT | TOTAL |
|---|---------|--|-------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-RN | NULL | 0 | 363.68 Mbps | 21.66 Mbps | 385.34 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | GOOGLE | 15169 | 201.23 Mbps | 100.16 Mbps | 301.39 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | FACEBOOK | 32934 | 47.60 Mbps | 12.96 Mbps | 60.56 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | ASSOCIAO-NACIONAL-PARA-INCLUSO-DIGITAL-ANID-BR | 28135 | 58.15 Mbps | 97.00 bps | 58.15 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | MICROSOFTEU | 8068 | 31.51 Mbps | 11.72 Mbps | 43.23 Mbps |
| <input type="checkbox"/> | PoP-RN | EDGECAST | 15133 | 39.04 Mbps | 617.96 Kbps | 39.66 Mbps |
| <input type="checkbox"/> | PoP-RN | AKAMAI-ASN1 | 20940 | 37.99 Mbps | 1.31 Mbps | 39.31 Mbps |
| <input type="checkbox"/> | PoP-RN | AMAZON-02 | 16509 | 29.89 Mbps | 5.83 Mbps | 35.72 Mbps |
| <input type="checkbox"/> | PoP-RN | MICROSOFT-CORP-MSN-AS-BLOCK | 8075 | 12.64 Mbps | 8.81 Mbps | 21.46 Mbps |
| <input type="checkbox"/> | PoP-RN | LEVEL3-AS3549 | 3549 | 19.16 Mbps | 261.25 Kbps | 19.42 Mbps |

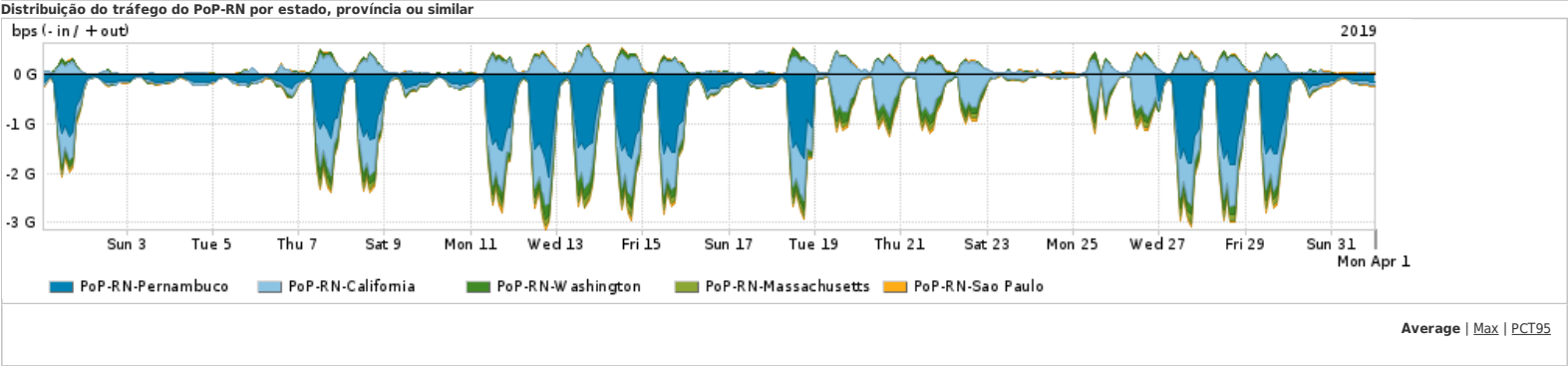
Interesse de tráfego do PoP-RN com os outros PoPs da RNP



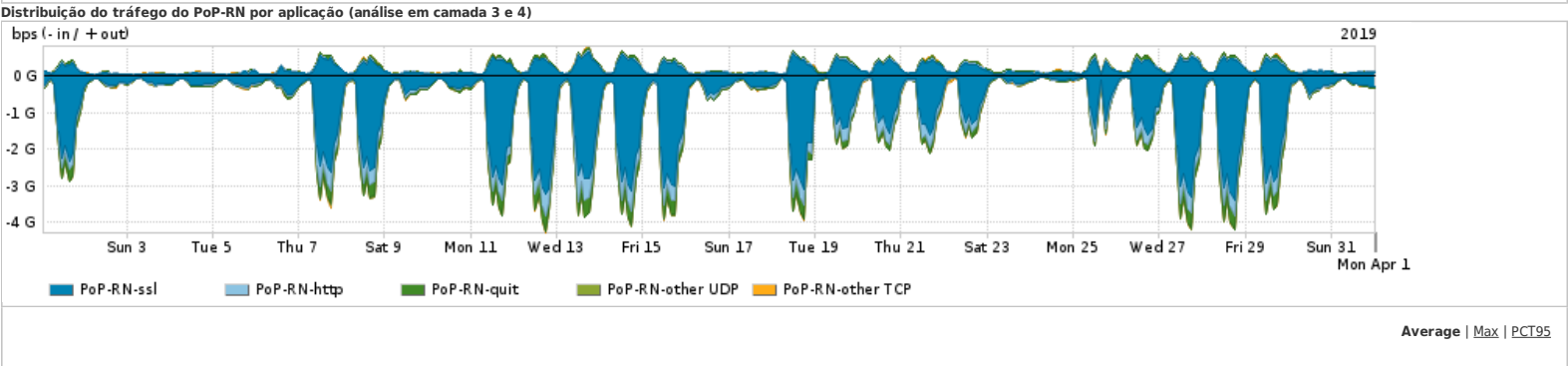
Average | [Max](#) | [PCT95](#)

|  | PROFILE | PROFILE | IN | OUT | TOTAL |
|---|---------|---------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-RN | PoP-RJ | 161.91 Mbps | 116.71 Kbps | 162.03 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | PoP-PE | 558.00 bps | 5.73 Mbps | 5.73 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | PoP-SP | 2.75 Mbps | 759.74 Kbps | 3.51 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | PoP-PB | 2.93 Mbps | 107.63 Kbps | 3.04 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | PoP-RS | 361.22 Kbps | 101.84 Kbps | 463.06 Kbps |
| <input type="checkbox"/> | PoP-RN | PoP-BA | 1.00 bps | 254.55 Kbps | 254.55 Kbps |
| <input type="checkbox"/> | PoP-RN | PoP-DF | 1.19 Kbps | 241.20 Kbps | 242.39 Kbps |
| <input type="checkbox"/> | PoP-RN | PoP-PR | 28.23 Kbps | 100.67 Kbps | 128.90 Kbps |
| <input type="checkbox"/> | PoP-RN | PoP-MG | 11.00 bps | 119.93 Kbps | 119.94 Kbps |

| | PROFILE | PROFILE | IN | OUT | TOTAL |
|--------------------------|---------|---------|----------|------------|------------|
| <input type="checkbox"/> | PoP-RN | PoP-PA | 2.00 bps | 81.19 Kbps | 81.19 Kbps |

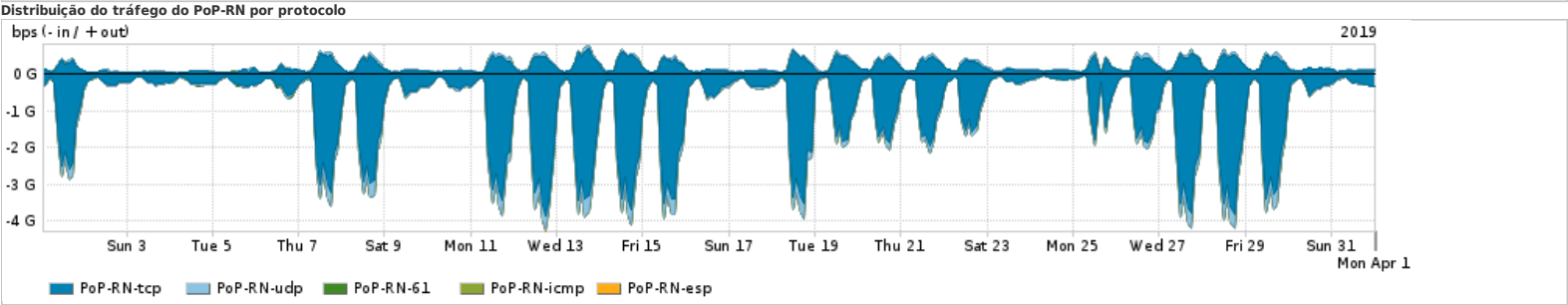


| | PROFILE | REGION | IN | OUT | TOTAL |
|-------------------------------------|---------|---------------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-RN | Pernambuco | 358.80 Mbps | 7.27 Mbps | 366.07 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | California | 235.59 Mbps | 118.17 Mbps | 353.76 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | Washington | 60.27 Mbps | 15.52 Mbps | 75.79 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | Massachusetts | 35.42 Mbps | 1.37 Mbps | 36.79 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | Sao Paulo | 23.92 Mbps | 6.56 Mbps | 30.48 Mbps |
| <input type="checkbox"/> | PoP-RN | Virginia | 14.80 Mbps | 9.36 Mbps | 24.16 Mbps |
| <input type="checkbox"/> | PoP-RN | Rio de Janeiro | 17.82 Mbps | 1.86 Mbps | 19.69 Mbps |
| <input type="checkbox"/> | PoP-RN | Sergipe | 4.83 Kbps | 13.33 Mbps | 13.33 Mbps |
| <input type="checkbox"/> | PoP-RN | Rio Grande do Norte | 2.53 Mbps | 8.78 Mbps | 11.31 Mbps |
| <input type="checkbox"/> | PoP-RN | Delaware | 9.89 Mbps | 383.88 Kbps | 10.27 Mbps |
| <input type="checkbox"/> | PoP-RN | Florida | 4.01 Mbps | 260.04 Kbps | 4.27 Mbps |
| <input type="checkbox"/> | PoP-RN | Arizona | 3.74 Mbps | 146.04 Kbps | 3.88 Mbps |
| <input type="checkbox"/> | PoP-RN | Texas | 2.91 Mbps | 546.87 Kbps | 3.46 Mbps |
| <input type="checkbox"/> | PoP-RN | Ceara | 924.58 Kbps | 2.48 Mbps | 3.41 Mbps |
| <input type="checkbox"/> | PoP-RN | Maryland | 2.65 Mbps | 221.64 Kbps | 2.87 Mbps |



| | PROFILE | APPLICATION | IN | OUT | TOTAL |
|-------------------------------------|---------|-------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-RN | ssl | 798.68 Mbps | 168.40 Mbps | 967.07 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | http | 126.84 Mbps | 20.42 Mbps | 147.26 Mbps |

| | PROFILE | APPLICATION | IN | OUT | TOTAL |
|-------------------------------------|---------|-------------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-RN | quit | 98.12 Mbps | 20.01 Mbps | 118.13 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | other UDP | 6.51 Mbps | 7.34 Mbps | 13.84 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | other TCP | 7.13 Mbps | 2.07 Mbps | 9.21 Mbps |
| <input type="checkbox"/> | PoP-RN | ldap | 392.75 Kbps | 3.42 Mbps | 3.81 Mbps |
| <input type="checkbox"/> | PoP-RN | smtp | 693.87 Kbps | 1.41 Mbps | 2.10 Mbps |
| <input type="checkbox"/> | PoP-RN | dns | 1.54 Mbps | 372.78 Kbps | 1.92 Mbps |
| <input type="checkbox"/> | PoP-RN | stun | 1.14 Mbps | 704.35 Kbps | 1.84 Mbps |
| <input type="checkbox"/> | PoP-RN | ssh | 752.81 Kbps | 1.06 Mbps | 1.81 Mbps |



Average | Max | PCT95

| | PROFILE | PROTOCOL | IN | OUT | TOTAL |
|-------------------------------------|---------|-----------|-------------|-------------|-------------|
| <input checked="" type="checkbox"/> | PoP-RN | tcp | 935.73 Mbps | 195.02 Mbps | 1.13 Gbps |
| <input checked="" type="checkbox"/> | PoP-RN | udp | 107.71 Mbps | 31.82 Mbps | 139.53 Mbps |
| <input checked="" type="checkbox"/> | PoP-RN | 61 | 264.98 Kbps | 0.00 bps | 264.98 Kbps |
| <input checked="" type="checkbox"/> | PoP-RN | icmp | 60.27 Kbps | 164.93 Kbps | 225.20 Kbps |
| <input checked="" type="checkbox"/> | PoP-RN | esp | 36.73 Kbps | 31.07 Kbps | 67.80 Kbps |
| <input type="checkbox"/> | PoP-RN | ipv6 | 1.05 Kbps | 209.00 bps | 1.26 Kbps |
| <input type="checkbox"/> | PoP-RN | ipv6-icmp | 784.00 bps | 291.00 bps | 1.08 Kbps |
| <input type="checkbox"/> | PoP-RN | gre | 343.00 bps | 69.00 bps | 412.00 bps |
| <input type="checkbox"/> | PoP-RN | sctp | 0.00 bps | 0.00 bps | 0.00 bps |
| <input type="checkbox"/> | PoP-RN | dccp | 0.00 bps | 0.00 bps | 0.00 bps |

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