



**RNP**

## **Relatório de março de 2022**

Marcelo Dias

Abril de 2022

**Indisponibilidade por tipo de falha**

| PoP | Operadora | Infraestrutura PoP | Prog-PoP | Prog-Operadora | Prog-DAERO | PoP-Concentrador | Staff-PoP | Staff-DAERO | Roteador |
|-----|-----------|--------------------|----------|----------------|------------|------------------|-----------|-------------|----------|
| AC  | 00:15:20  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| AL  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| AM  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:11:20 |
| AP  | 02:29:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:10:20 |
| BA  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| CE  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| DF  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| ES  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| GO  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| MA  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| MG  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| MS  | 00:04:40  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| MT  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| PA  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| PB  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| PE  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:49:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| PI  | 00:14:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| PR  | 00:00:00  | 02:07:50           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| RJ  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| RN  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| RO  | 00:14:30  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| RR  | 00:00:00  | 00:00:00           | 02:24:40 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:09:30 |
| RS  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| SC  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| SE  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| SP  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |
| TO  | 00:00:00  | 00:00:00           | 00:00:00 | 00:00:00       | 00:00:00   | 00:00:00         | 00:00:00  | 00:00:00    | 00:00:00 |

Tabela 1: Indisponibilidade por tipo de falha | de 01/03/2022 a 31/03/2022

- **Operadora:** indisponibilidade causada por falha nos enlaces de operadora atendendo o PoP.
- **Infraestrutura PoP:** indisponibilidade causada por falha no fornecimento de energia elétrica do PoP.
- **Prog-PoP:** indisponibilidade causada por manutenção programada solicitada pelo PoP.
- **Prog-operadora:** indisponibilidade causada por manutenção programada solicitada por operadora.
- **Prog-daero:** indisponibilidade causada por manutenção programada solicitada pela DAERO/RNP.
- **PoP-concentrador:** indisponibilidade em um PoP que é decorrente da queda de um outro PoP concentrador.
- **Staff-daero:** indisponibilidade decorrente de ação direta da DAERO, incluindo erros de configuração roteadores e switches, interrupções de circuitos causadas por chamados abertos indevidamente, entre outros.
- **Staff-PoP:** indisponibilidade decorrente de ação direta do PoP, incluindo desligamentos acidentais, manuseio inadequado de cabos, problema de acesso físico ao PoP (para manutenção de operadoras),entre outros.
- **Roteador:** indisponibilidade causada por falhas de hardware/software de roteadores.

### Indisponibilidade total

| PoP | Tempo Total | Tempo Total P/ Indicador | Disponibilidade | Disponibilidade P/ Indicador % |
|-----|-------------|--------------------------|-----------------|--------------------------------|
| AC  | 00:15:20    | 00:15:20                 | 99.966%         | 99.966%                        |
| AL  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| AM  | 00:11:20    | 00:11:20                 | 99.975%         | 99.975%                        |
| AP  | 02:39:20    | 02:39:20                 | 99.643%         | 99.643%                        |
| BA  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| CE  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| DF  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| ES  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| GO  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| MA  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| MG  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| MS  | 00:04:40    | 00:04:40                 | 99.990%         | 99.990%                        |
| MT  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| PA  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| PB  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| PE  | 00:49:00    | 00:49:00                 | 99.890%         | 99.890%                        |
| PI  | 00:14:00    | 00:14:00                 | 99.969%         | 99.969%                        |
| PR  | 02:07:50    | 02:07:50                 | 99.714%         | 99.714%                        |
| RJ  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| RN  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| RO  | 00:14:30    | 00:14:30                 | 99.968%         | 99.968%                        |
| RR  | 02:34:10    | 00:09:30                 | 99.655%         | 99.979%                        |
| RS  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| SC  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| SE  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| SP  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |
| TO  | 00:00:00    | 00:00:00                 | 100.000%        | 100.000%                       |

Tabela 2: Indisponibilidade total de 01/03/2022 a 31/03/2022 | Meta: 99,87%

- **Horas indisponíveis totais e Disponibilidade Percentual Total:** consideram todos os tipos de falha na sua composição.
- **Horas indisponíveis p/Indicador e Disponibilidade Percentual p/ indicador:** consideram todos os tipos de falha na sua composição, com exceção das falhas causadas por manutenções programadas (**prog-PoP**, **prog-operadora** e **prog-dadero**).