



RNP

Relatório de março de 2020

Marcelo Dias Teixeira

Abril de 2020

Indisponibilidade por tipo de falha

PoP	Operadora	Infraestrutura PoP	Prog-PoP	Prog-Operadora	Prog-DAERO	PoP-Concentrador	Staff-PoP	Staff-DAERO	Roteador
AC	00:00:00	00:00:00	00:00:00	00:00:00	00:01:50	00:00:00	00:00:00	00:00:00	00:00:00
AL	03:10:35	00:00:00	00:00:00	00:00:00	00:01:25	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	00:01:50	00:00:00	00:00:00	00:00:00	00:00:00
AP	36:49:11	01:45:09	00:00:00	00:00:00	00:06:35	00:00:00	00:00:00	00:00:00	00:00:00
BA	00:00:00	00:00:00	00:00:00	00:00:00	00:02:40	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	00:08:15	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	00:02:55	00:00:00	00:00:00	00:00:00	00:00:00
MA	03:10:45	00:00:00	00:00:00	00:00:00	00:07:55	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	08:44:25	00:00:00	00:00:00	00:00:00	00:06:20	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	00:02:15	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	00:03:55	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	00:07:40	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	00:02:05	00:00:00	00:00:00	00:00:00	00:00:00
PI	00:00:00	00:00:00	00:00:00	00:00:00	00:08:40	00:00:00	00:00:00	00:00:00	00:00:00
PR	00:00:00	00:00:00	00:00:00	00:00:00	00:08:20	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	00:01:30	00:00:00	00:00:00	00:00:00	00:00:00
RO	00:01:50	00:00:00	00:00:00	00:00:00	00:07:00	00:00:00	00:00:00	00:00:00	00:00:00
RR	00:00:00	00:00:00	00:00:00	00:00:00	00:02:00	00:00:00	00:00:00	00:00:00	00:00:00
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	03:05:20	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
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	00:01:20	00:00:00	00:00:00	00:00:00	00:00:00

Tabela 1: Indisponibilidade por tipo de falha | de 01/03/2020 a 01/04/2020

- **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	00:01:50	00:00:00	99.996%	100.000%
AL	03:12:00	03:10:35	99.570%	99.573%
AM	00:01:50	00:00:00	99.996%	100.000%
AP	38:40:55	38:34:20	94.801%	94.816%
BA	00:02:40	00:00:00	99.994%	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	00:08:15	00:00:00	99.982%	100.000%
GO	00:02:55	00:00:00	99.993%	100.000%
MA	03:18:40	03:10:45	99.555%	99.573%
MG	00:00:00	00:00:00	100.000%	100.000%
MS	08:50:45	08:44:25	98.811%	98.825%
MT	00:02:15	00:00:00	99.995%	100.000%
PA	00:03:55	00:00:00	99.991%	100.000%
PB	00:07:40	00:00:00	99.983%	100.000%
PE	00:02:05	00:00:00	99.995%	100.000%
PI	00:08:40	00:00:00	99.981%	100.000%
PR	00:08:20	00:00:00	99.981%	100.000%
RJ	00:00:00	00:00:00	100.000%	100.000%
RN	00:01:30	00:00:00	99.997%	100.000%
RO	00:08:50	00:01:50	99.980%	99.996%
RR	00:02:00	00:00:00	99.996%	100.000%
RS	00:00:00	00:00:00	100.000%	100.000%
SC	00:00:00	00:00:00	100.000%	100.000%
SE	03:05:20	03:05:20	99.585%	99.585%
SP	00:00:00	00:00:00	100.000%	100.000%
TO	00:01:20	00:00:00	99.997%	100.000%

Tabela 2: Indisponibilidade total | de 01/03/2020 a 01/04/2020

- **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**).