



RNP

Relatório de outubro de 2020

Maurício Noronha Chagas

Novembro 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	00:00:00	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	00:00:00
AP	01:03:42	00:00:00	00:00:00	00:00:00	00:00:00	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	00:00:00	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	03:12:13	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	03:36:13	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	00:47:28	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	00:01:08	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	01:46:45	00:00:00	00:00:00
PE	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
PI	05:34:25	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	00:00:00	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	00:00:00	03:09:36	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	00:00:00	00:00:00	00:00:00	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	00:00:00	00:53:43	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 01/10/2020 a 01/11/2020

- **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	00:00:00	00:00:00	100.000%	100.000%
AL	00:00:00	00:00:00	100.000%	100.000%
AM	00:00:00	00:00:00	100.000%	100.000%
AP	01:03:42	01:03:42	99.857%	99.857%
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	03:12:13	03:12:13	99.569%	99.569%
MG	00:00:00	00:00:00	100.000%	100.000%
MS	03:36:13	03:36:13	99.516%	99.516%
MT	00:47:28	00:47:28	99.894%	99.894%
PA	00:01:08	00:00:00	99.997%	100.000%
PB	01:46:45	01:46:45	99.761%	99.761%
PE	00:00:00	00:00:00	100.000%	100.000%
PI	05:34:25	05:34:25	99.251%	99.251%
PR	00:00:00	00:00:00	100.000%	100.000%
RJ	00:00:00	00:00:00	100.000%	100.000%
RN	00:00:00	00:00:00	100.000%	100.000%
RO	03:09:36	03:09:36	99.575%	99.575%
RR	00:00:00	00:00:00	100.000%	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	00:53:43	00:53:43	99.880%	99.880%
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 01/10/2020 a 01/11/2020

- **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**).