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Resource Pooling in the Presence of Failures: Efficiency versus Risk

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## Highlights

- Pooling resources is not necessarily wise in the presence of failures.
- Unlike reliable systems, changes aimed at improving efficiency in unreliable systems may increase risk and vice versa.
- Unlike reliable systems, more pooling is not necessarily better than less pooling in unreliable systems.
- One should use caution when making resource pooling decisions for unreliable systems.

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