Beyond Redundancy: How Geographic Redundancy Can Improve Service Availability and Reliability of Computer-Based Systems

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DESCRIPTION

While geographic redundancy can obviously be a huge benefit for disaster recovery, it is far less obvious what benefit is feasible and likely for more typical non-catastrophic hardware, software, and human failures. Georedundancy and Service Availability provides both a theoretical and practical treatment of the feasible and likely benefits of geographic redundancy for both service availability and service reliability. The text provides network/system planners, IS/IT operations folks, system architects, system engineers, developers, testers, and other industry practitioners with a general discussion about the capital expense/operating expense tradeoff that frames system redundancy and georedundancy.

ABOUT THE AUTHOR

Eric Bauer is Reliability Engineering Manager in the IMS Solutions Organization of Alcatel-Lucent, where he focuses on reliability of Alcatel-Lucent's IMS solution and the network elements that comprise the IMS solution. He has written Design for Reliability: Information and Computer-Based Systems and Practical System Reliability.

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