## Distributed Computing I

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Presented for the Software Architecture course at the University of Queensland



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Software Architecture

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- 1 Introduction
- 2 Reliable Software
- 2.1 Fault Tolerance
- 2.2 Distributing Risk
- 3 Distributed Architecture
- 4 Fallacies of Distributed Computing
- 4.1 The Network is Reliable
- 4.2 Latency is Zero
- 4.3 Bandwidth is Infinite
- 4.4 The Network is Secure
- 4.5 The Topology Never Changes
- 4.6 There is Only One Administrator
- 4.7 Transport Cost is Zero
- 4.8 The Network is Homogeneous
- 5 Auto-scaling