

# Fault Tolerance

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[See 2.2.2.3 Fault Tolerance](#)

**Fault Tolerance** is the ability of a system to respond gracefully to an unexpected hardware or software failure. There are many levels of fault tolerance, the lowest being the ability to continue operation in the event of a power failure. Many fault-tolerant computer systems mirror all operations – that is, every operation is performed on two or more duplicate systems, so if one fails the other can take over.

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