

Fault Tolerance

Introduction

Dependability

Faults, Errors, and Failures

Fault, Error, and Failure Example

Laptop Falls Down Quiz

Reliability - Availability

Reliability and Availability Quiz

Kinds of Faults

Fault Classification Quiz

Improving Reliability and Availability

Fault Tolerance Techniques

N Module Redundancy

N Module Quiz

Fault Tolerance for Memory and Storage

RAID

RAID 0

RAID 0 Reliability

RAID 0 Quiz

RAID 1 Mirroring

RAID 1 Reliability

RAID 1 Quiz

RAID 4

RAID 4 Performance and Reliability

RAID 4 Write

RAID 4 Quiz

Parity Quiz

RAID 5

RAID 5 Quiz

RAID 6

RAID 6 is an Overkill

Conclusion