CAP
12 Years Later

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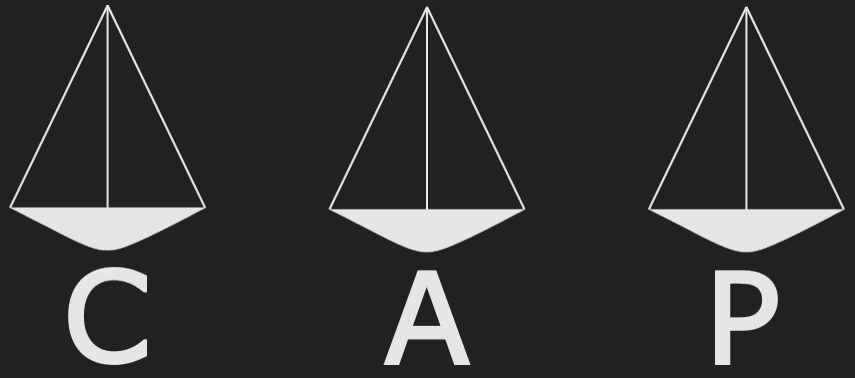
2 of 3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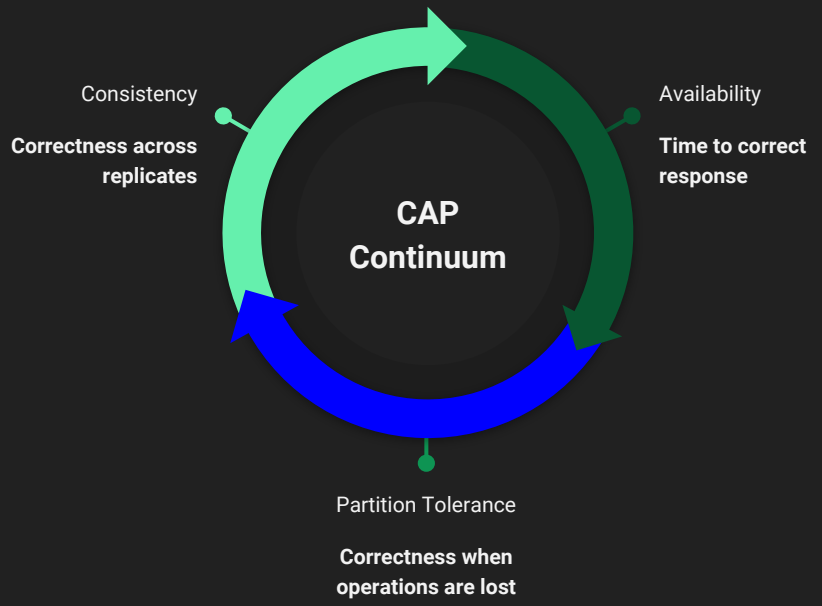
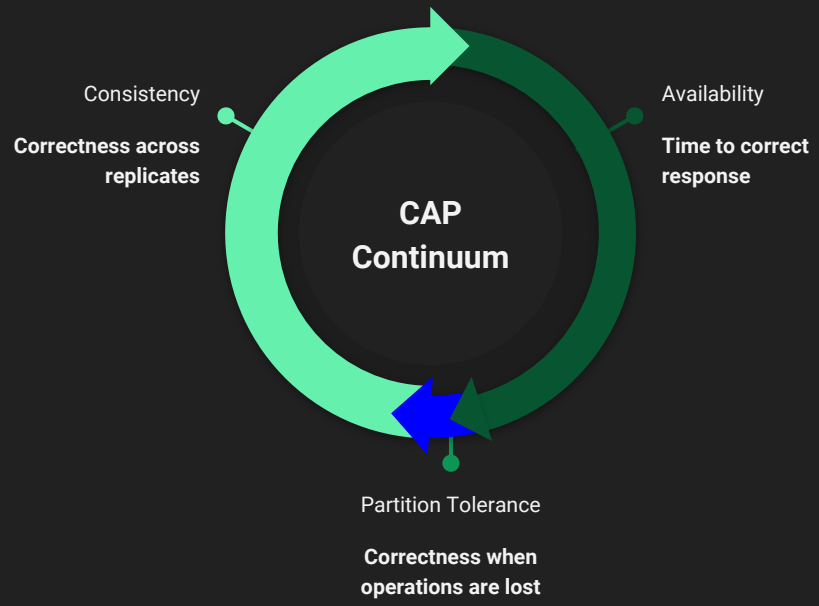
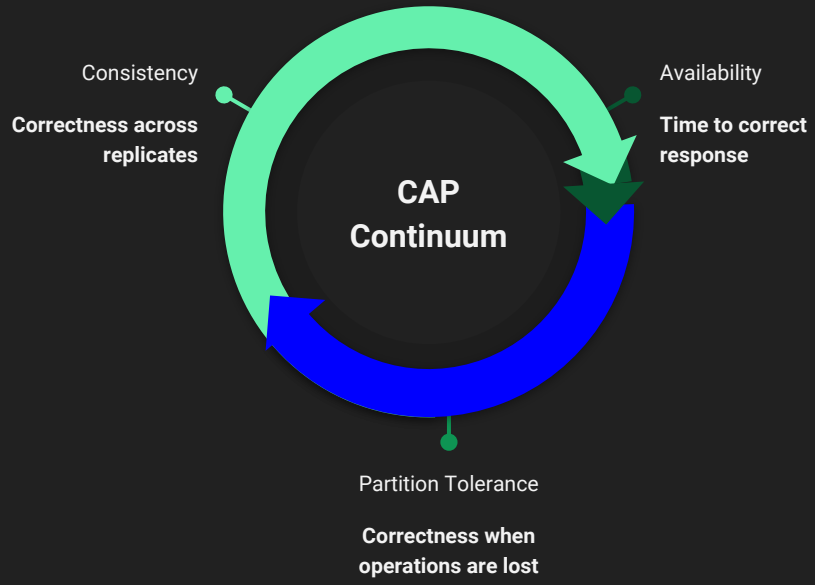

Consistency
Correctness across replicates
Availability
Time to correct response
CAP Continuum
Partition Tolerance
Correctness when operations are lost

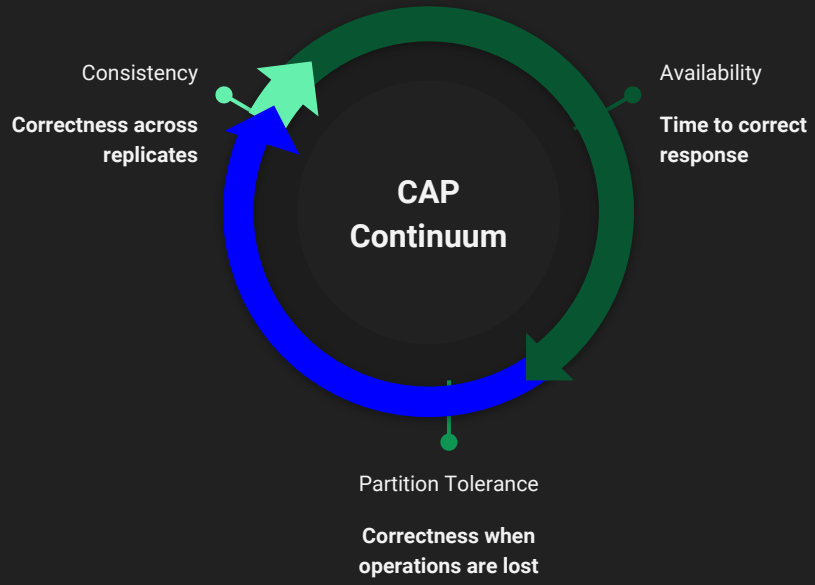
2 of 3 - Perfect Network (no partitions)



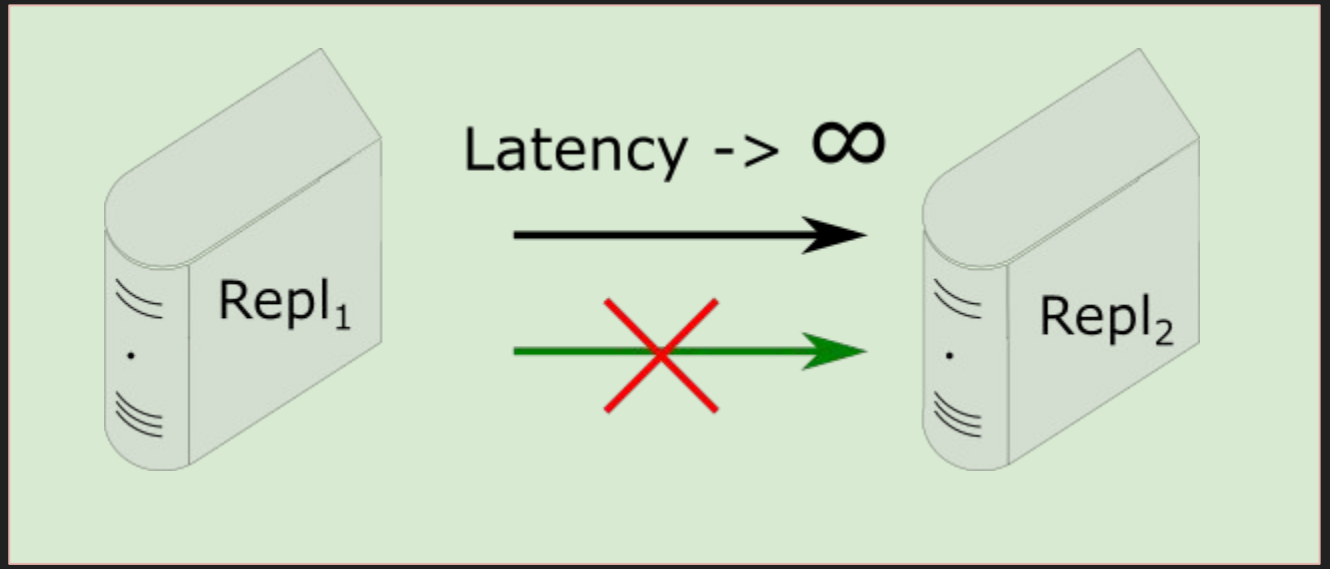
2 of 3 - Always Consistent (during partition)



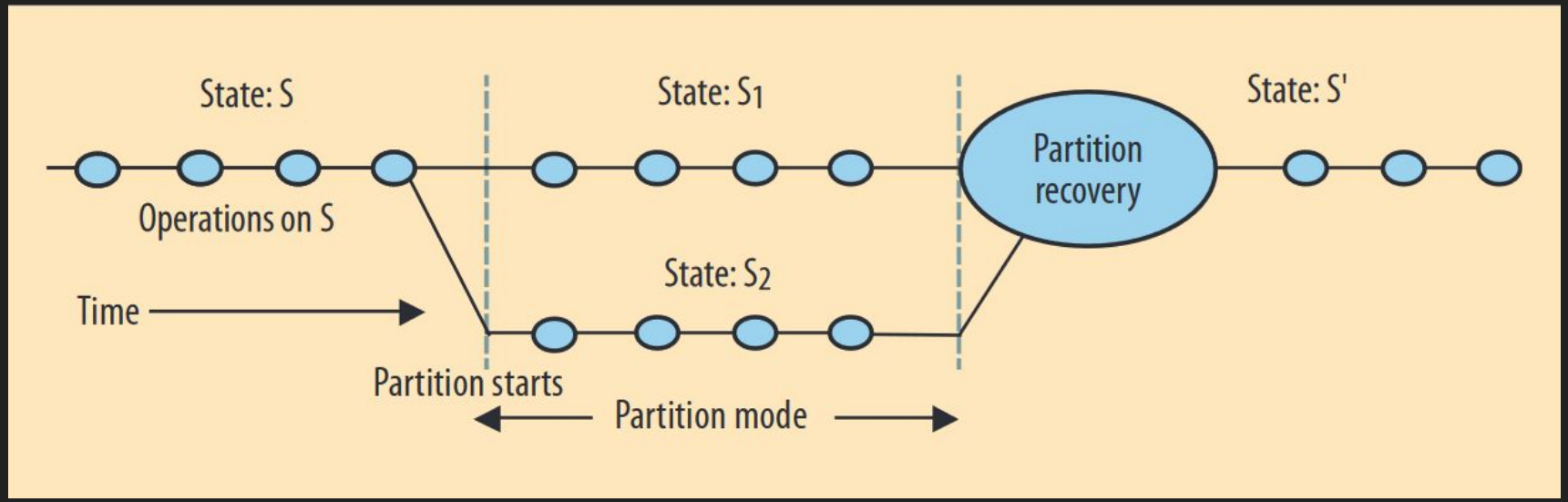
2 of 3 - Always Responsive (during partitions)



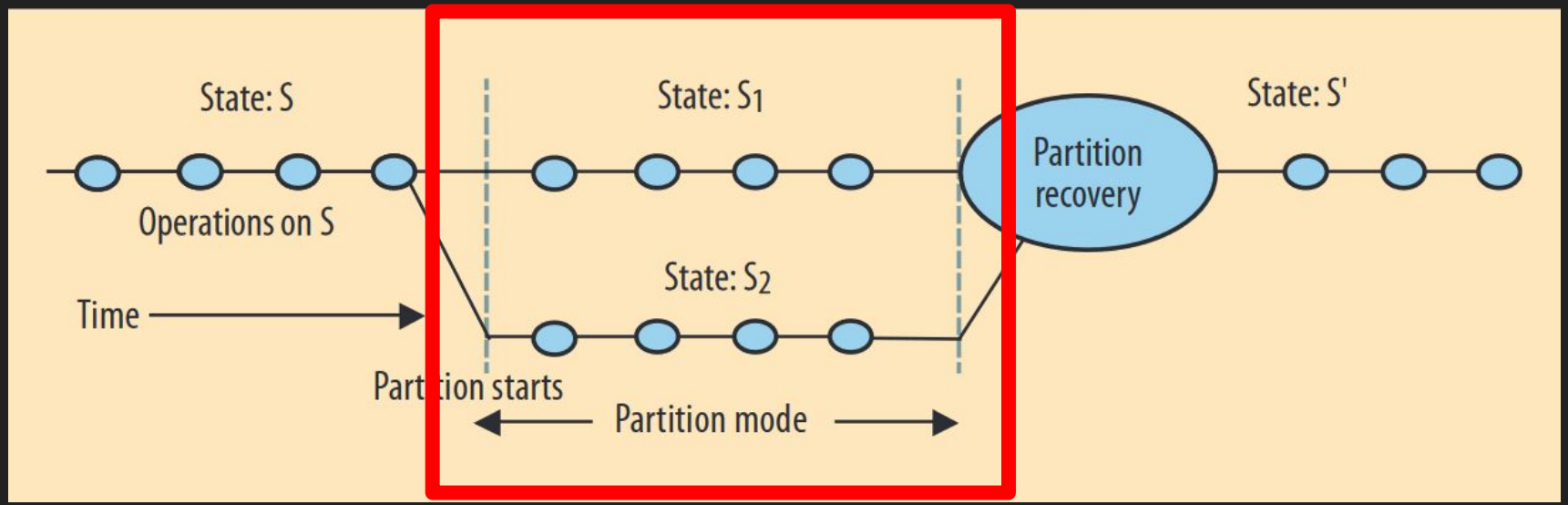
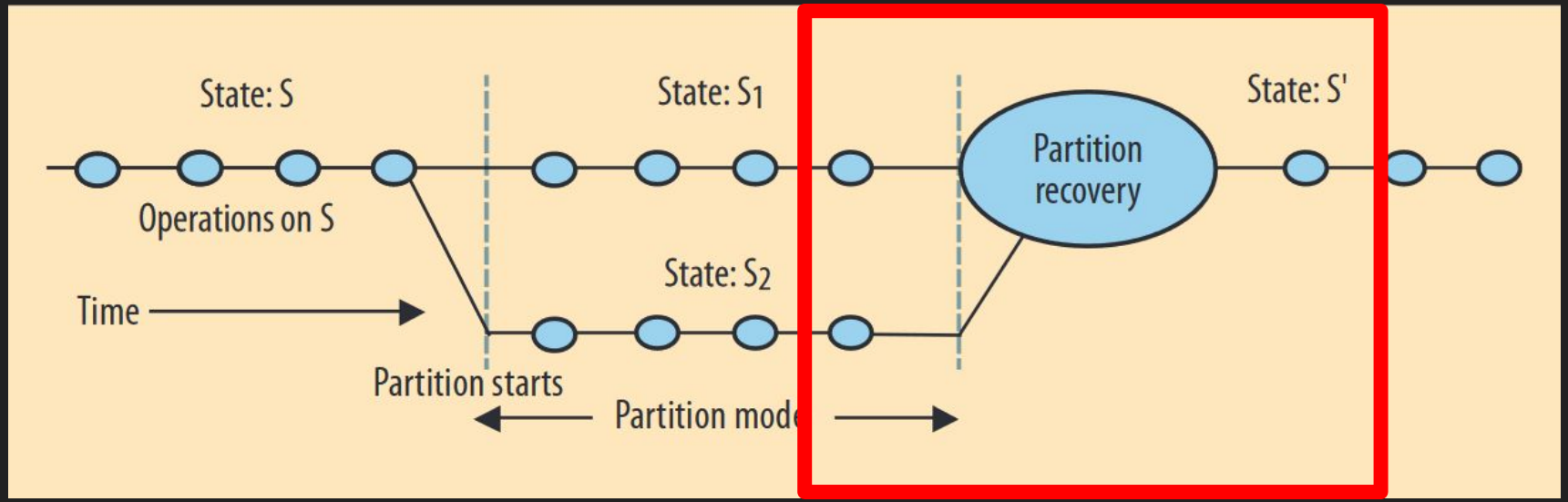
Partition Tolerance and Network Latency



Managing Partitions



Managing Partitions - What Operations Proceed?



Managing Partitions - Recovery