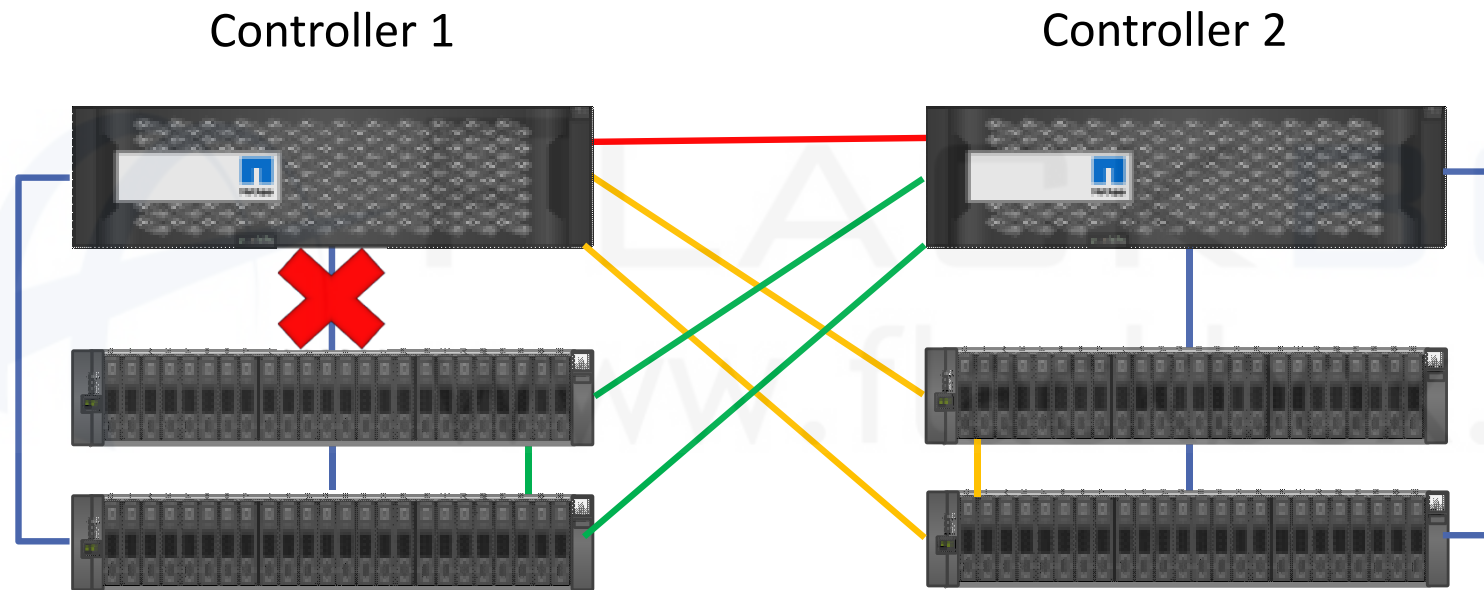
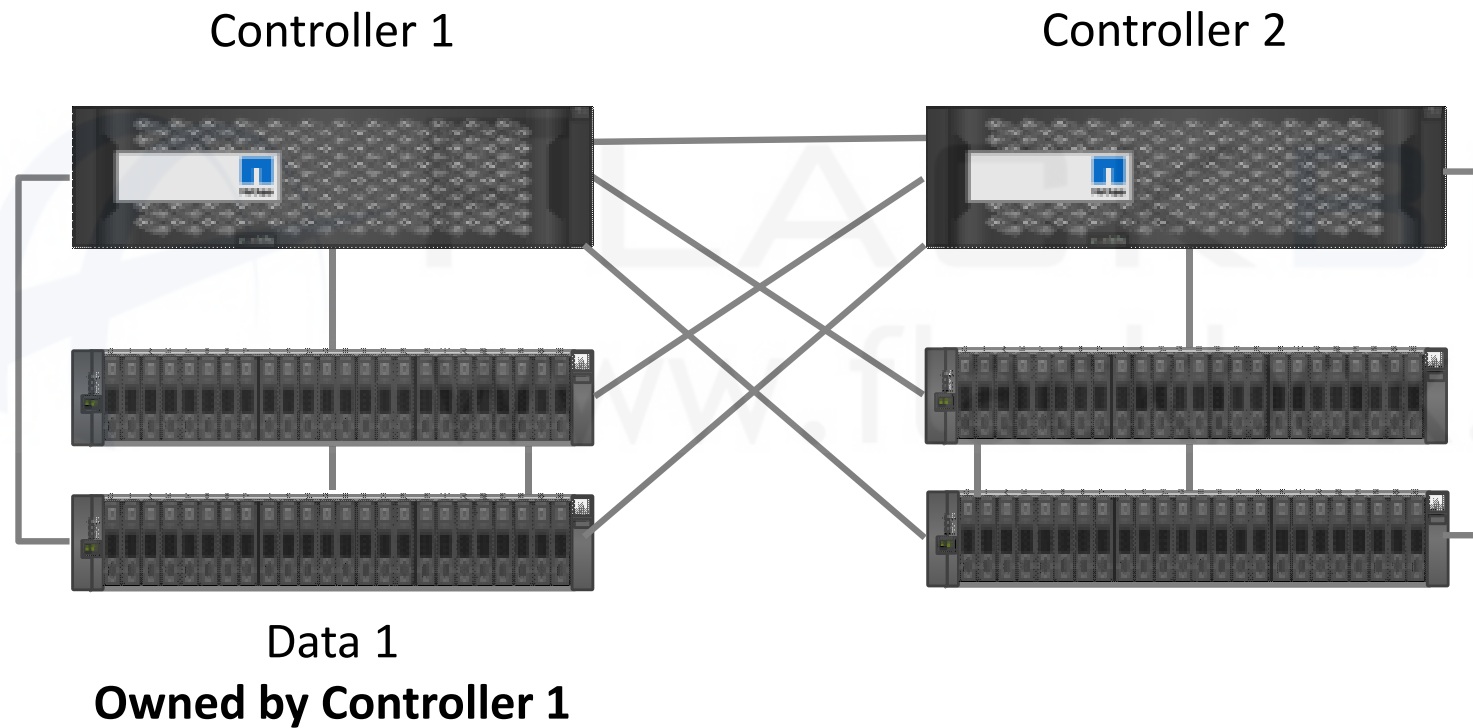


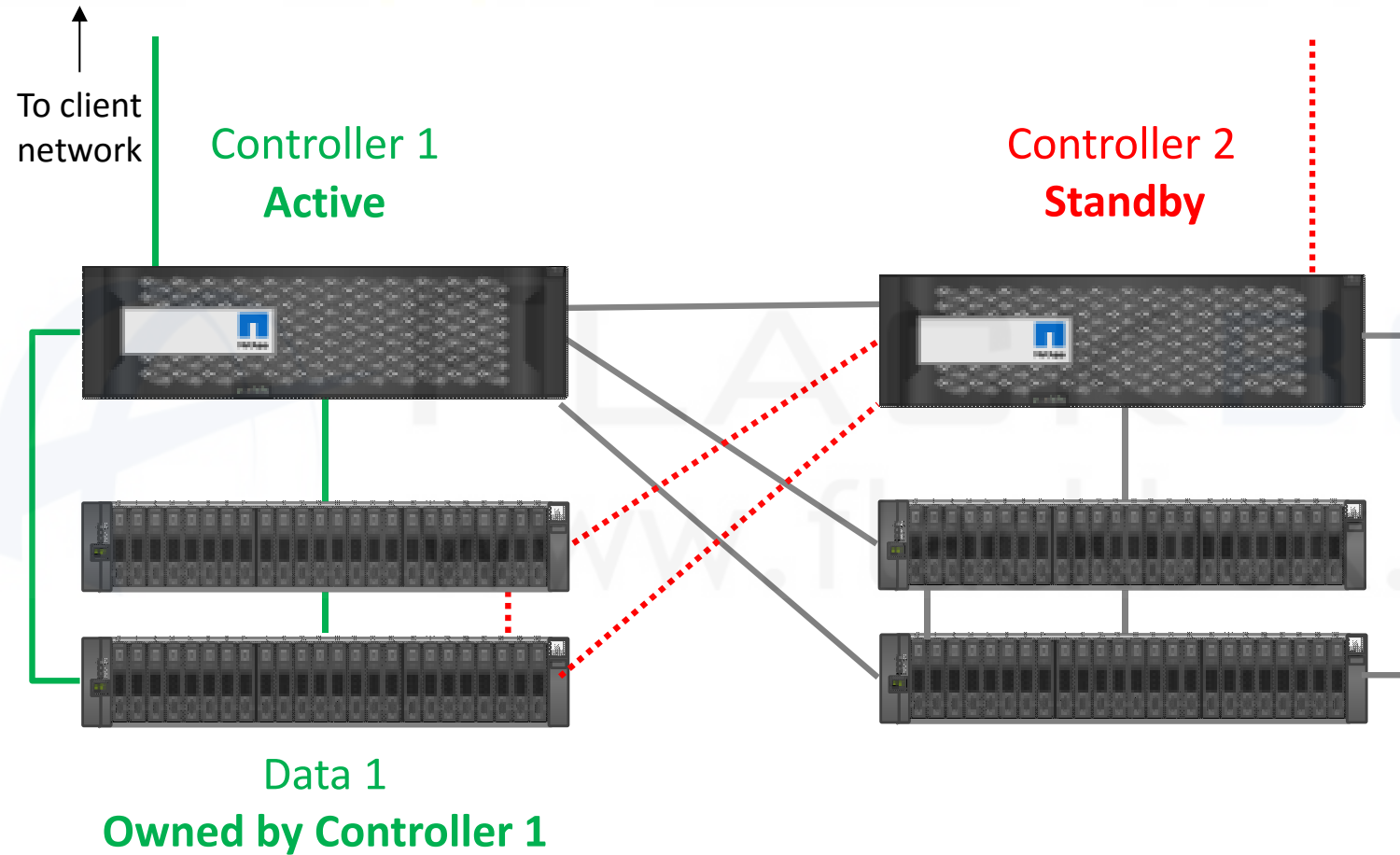
# 7-Mode Hardware Architecture



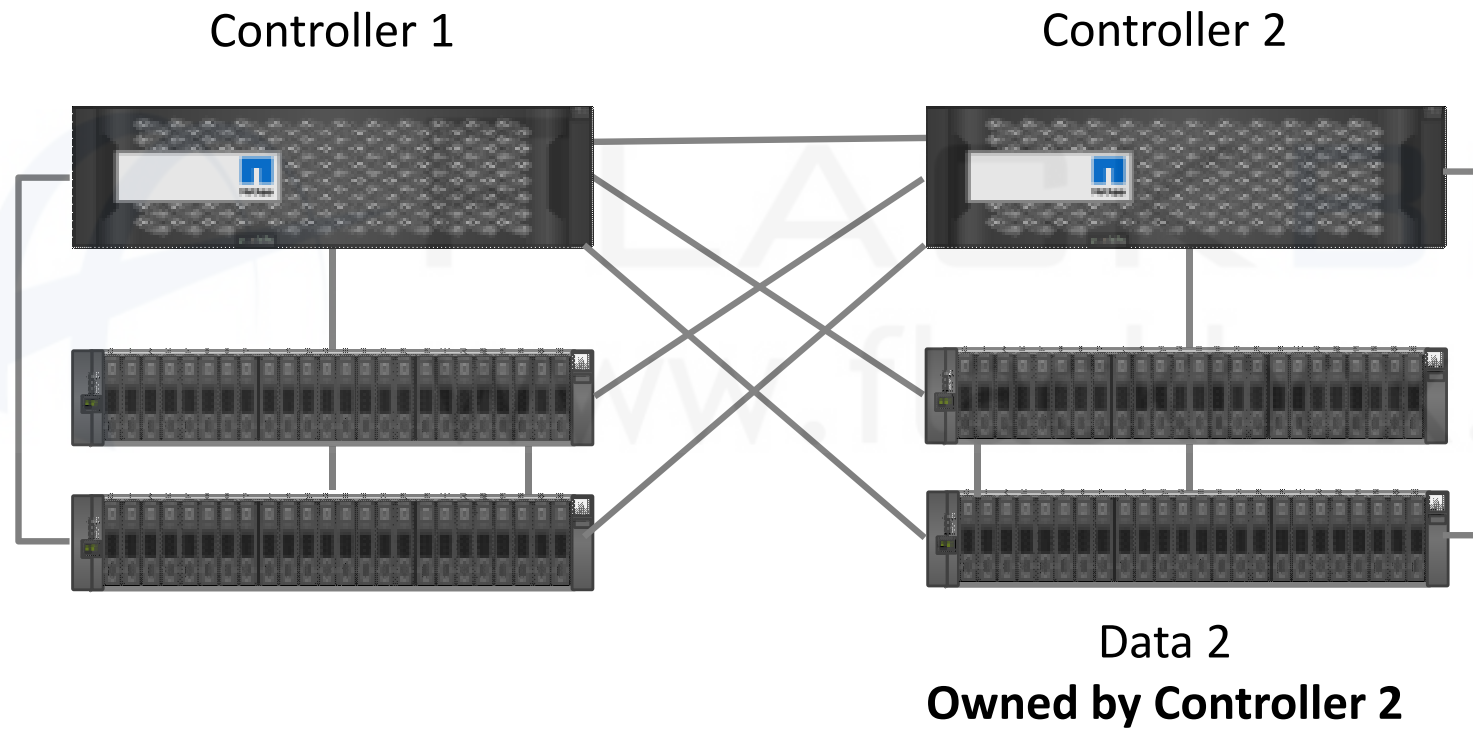
# Normal Operations



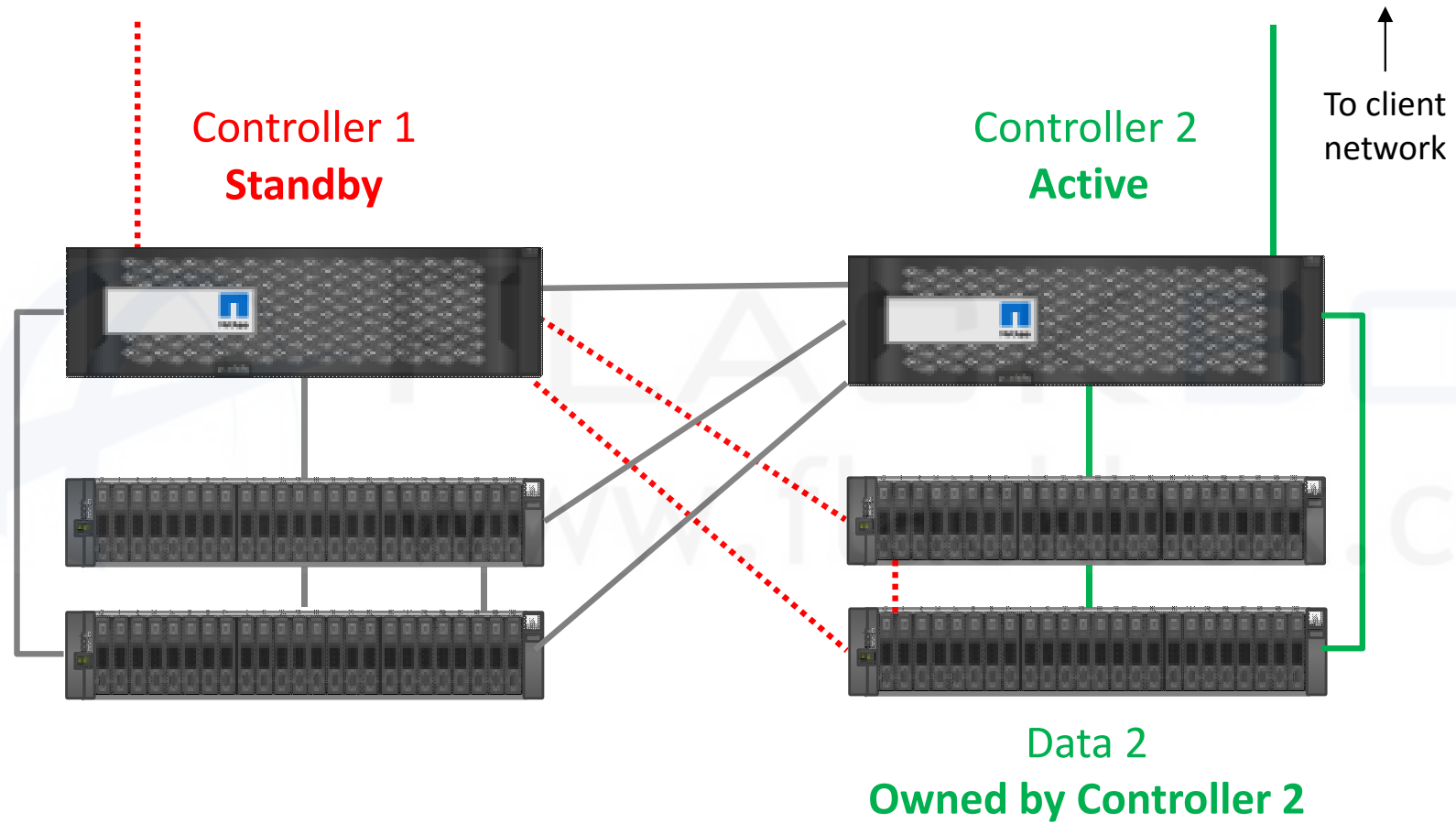
# Normal Operations



# Normal Operations



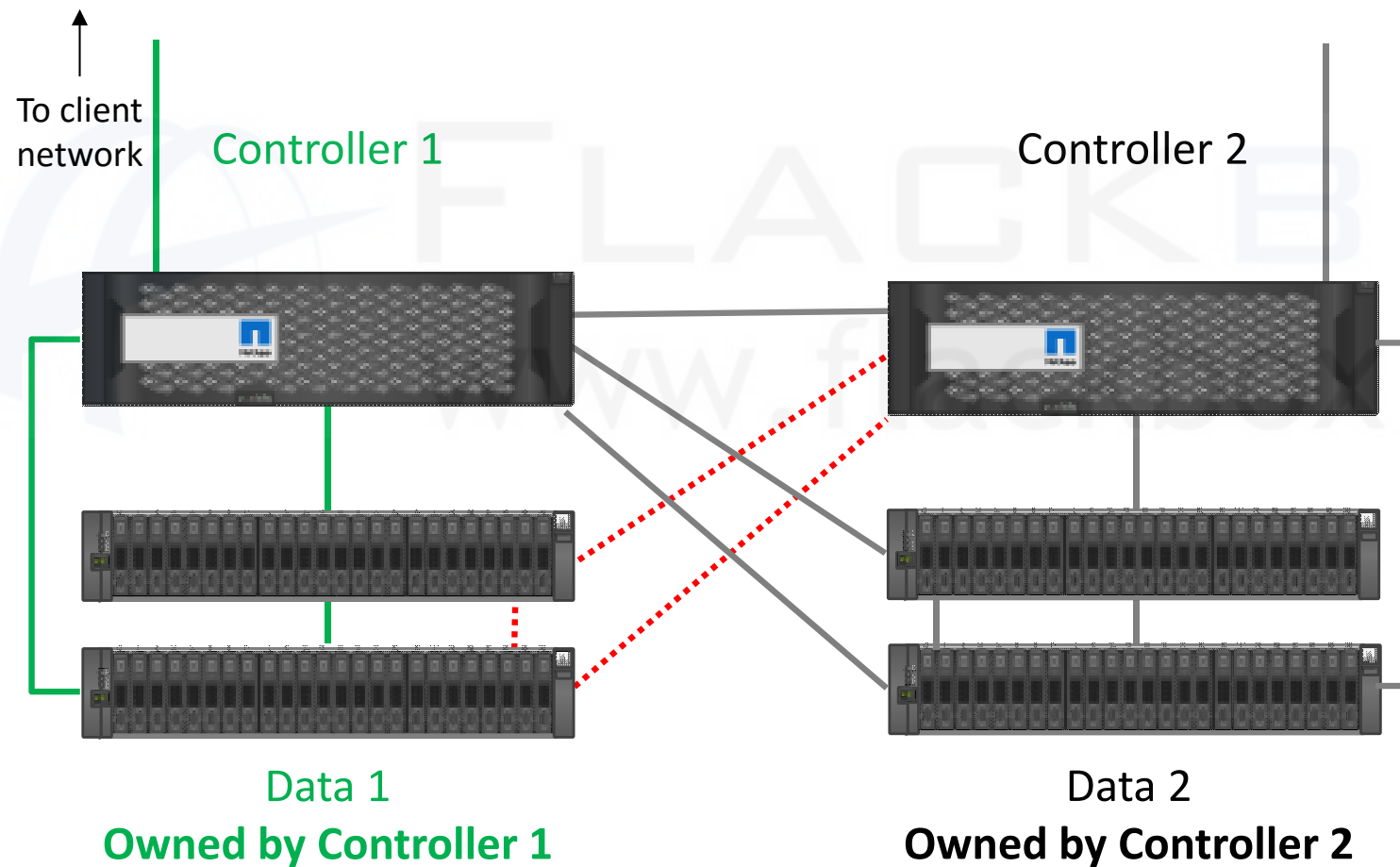
# Normal Operations



# Controller Failure Scenario...



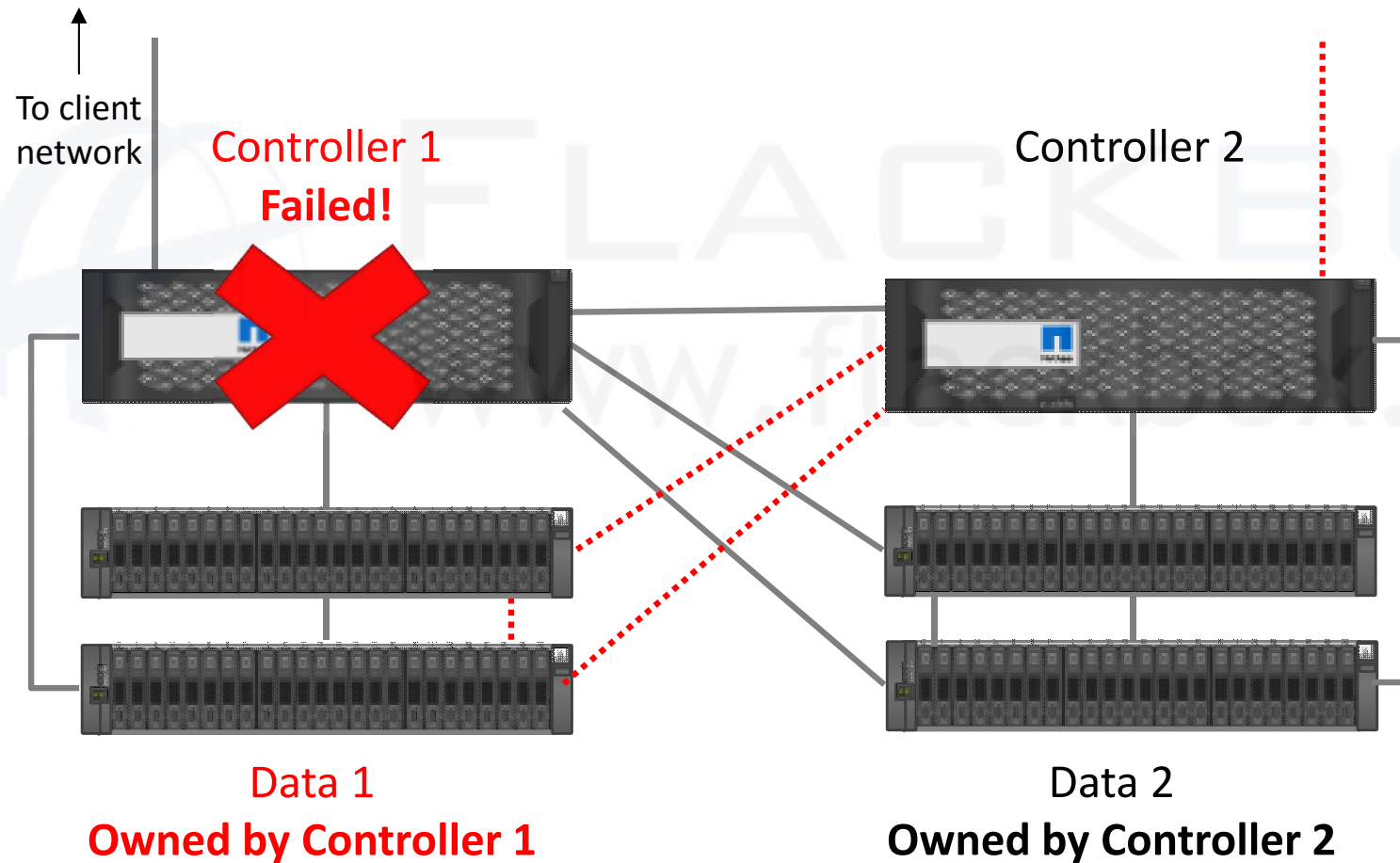
## Controller 1 Normal Operation



# Controller Failure Scenario...



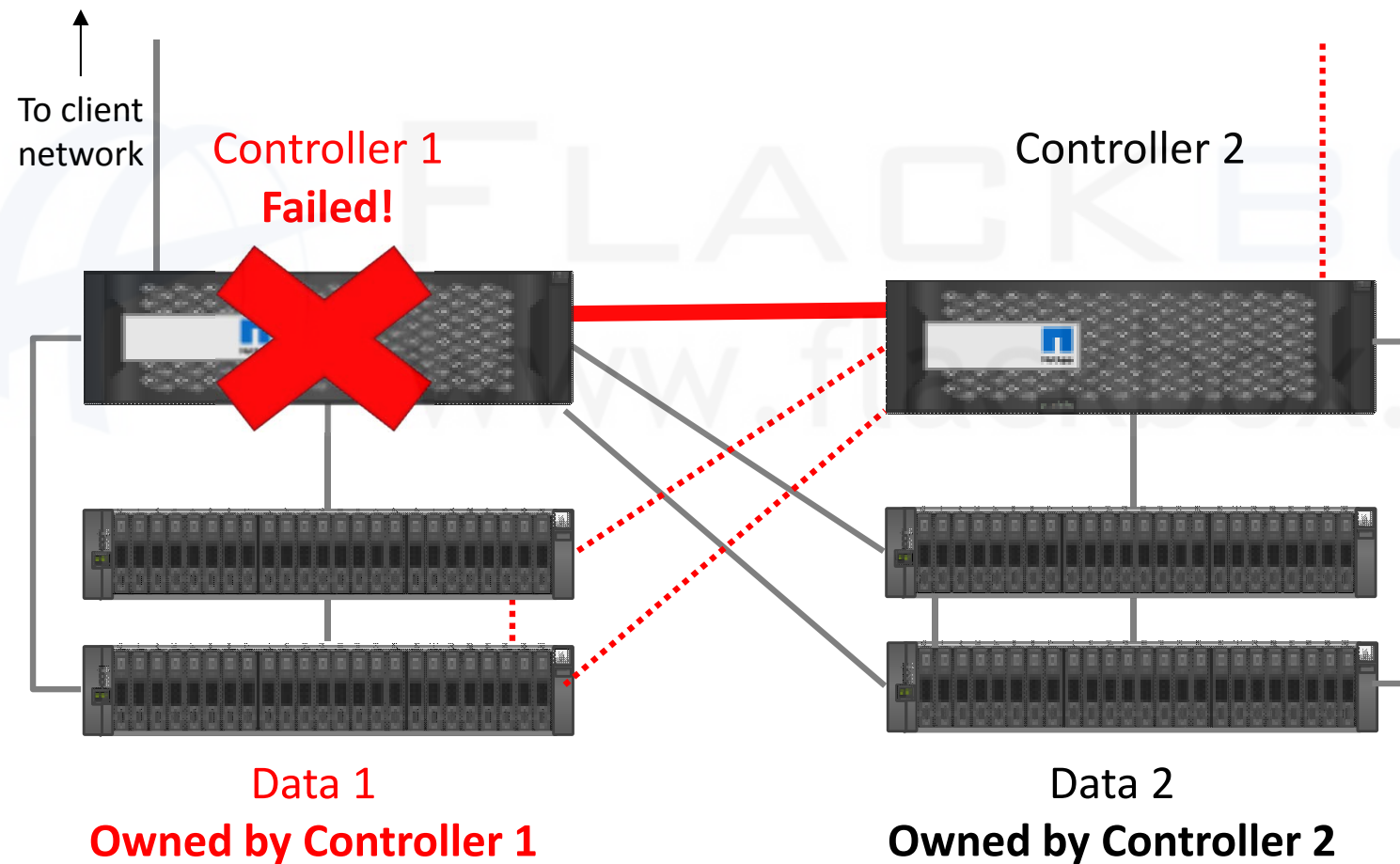
## Controller 1 Fails



# Controller Failure Scenario...



## Controller 1 Fails

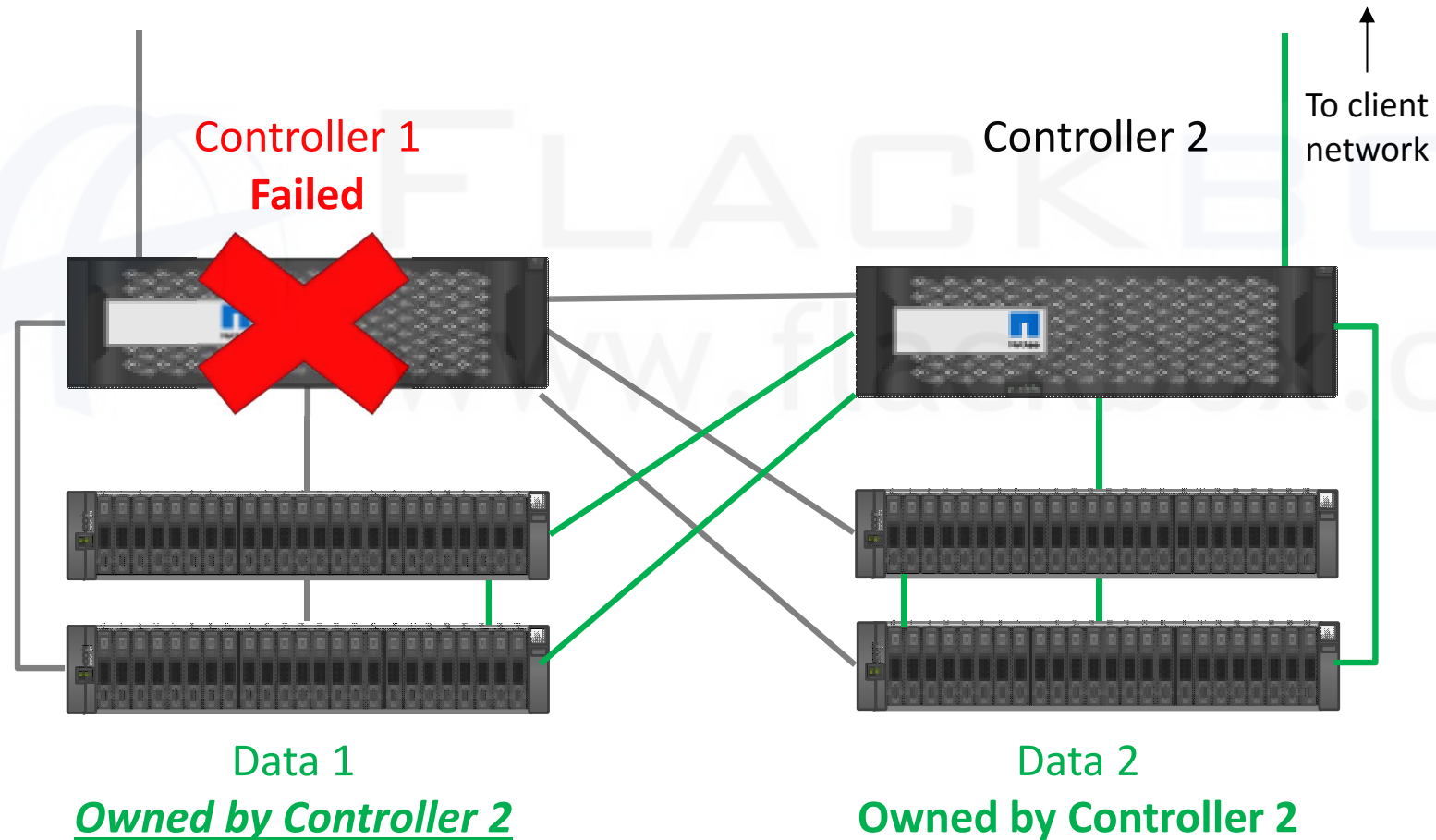




# Controller Failure Scenario...



## Controller 1 Fails



# 7-Mode Scalability Limitations



- A maximum of two FAS controllers can be configured as a High Availability HA Pair and managed as a paired system.
- Disks owned by Controller 1 will be accessed through Controller 1.
- There is a limit on the maximum of amount of disks and throughput that can be handled by a single node.
- You could purchase additional HA Pairs, but they would be managed as and appear to clients as separate systems.
- Data can be moved easily and non-disruptively between disks on the same controller, but moving data between controllers or systems is disruptive to clients and more complicated.



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