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 Fault tolerance Must operate in face of client and server failures Need to support idempotent operations 	
 Consistency 	
Concurrent access to files that are replicated should be consistent	
• Security	
Enforce permissions and access-control lists	
 Efficiency 	
Need to achieve comparable performance, power, and generality as a non-distributed file system	
Nov 3, 2017 Sprenkle - CSCI325 27	

