



































C		File Replicat	ion
-	Replicas of the sam	ne file reside on failure-ir	ndependent machines
	Improves availabilit	y and can shorten servic	ce time
	Naming scheme maps a replicated file name to a particular replica		
	 Existence of re 	plicas should be invisible	e to higher levels
	 Replicas must l lower-level name 	be distinguished from on nes	e another by different
-	 Updates – replicas of a file denote the same logical entity, and thus an update to any replica must be reflected on all other replicas 		
-	 Demand replication – reading a nonlocal replica causes it to be cached locally, thereby generating a new nonprimary replica. 		
		17.10	Silberschatz. Galvin and Gagne ©2005
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