









































Algorith	m: CWFR			
Traditional Write Protocol: two rounds				
 P1: Query a single quorum for the latest tag P2: Increment the max tag, send <newtag, v=""> quorum</newtag,> 				
Read Protocol: one or two rounds				
 PI: receive replaces from a quorum Q QView_Q(1) - Past: return nexting of current iteration QView_Q(2) - remove servers with motifing and re-evaluate QView_Q(3) - Slow: propagate and return nexting₀ 				
Server Proto	ocol: passive role			
 Receive requests, update local timestamp and return tagy> 				
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New Techn	ique - SSO		
[Englert et. al 09	9]		
 SSO: Server S Tag is increm Generated tt Clients decided 	ide Ordering ented by the servers and not by the ags may be different across servers le operation ordering based on server resp	writer. Donses	
 SSO Algorithm Enables Fast Writes and Reads first such algorithm Allows Unbounded Participation 			
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Problem: Communication vs Computation

 Theorem:
 The read and write predicates are NP-complete. (provided a reduction from 3-SAT)

