

Phase 2 Grading Sheet, CSE535, Scott Stoller, Stony Brook U, 2017-09-23	POSSIBLE	ACTUAL
Team:	POINTS	POINTS
TA:		
CLIENT		
generate pseudorandom workload with good diversity using specified seed	4	
generate request sequence specified in config file	4	
handle result: check signatures and hashes in result proof	6	
timeout and send request to all replicas if timely response not received	4	
check that dictionary contains expected content at end of test case	4	
OLYMPUS		
create initial configuration: create keys, create, setup, and start processes	10	
REPLICA		
dictionary object: support put, get, slice, append	6	
head: handle new request: assign slot, sign order stmt & result stmt, send shuttle	6	
head: handle retransmitted request as described in paper	4	
handle shuttle: check validity of order proof (incl. signatures), add signed order statement and signed result statement, send updated shuttle	10	
tail: send result to client; send result shuttle to predecessor	2	
handle result shuttle: validate, save, and forward it	6	
non-head: handle request: send cached result, send error, or forward request	6	
fault-injection: required triggers (1 pt each)	4	
fault-injection: required failures (1 pt each)	3	
MULTI-HOST EXECUTION		
processes are spread across multiple hosts	3	
CONFIGURATION FILES		
support configuration files specified in project.txt (if not, causing inability to test some functionality with instructor's testcases, also lose 1/3 of points for it)	4	
LOGS		
detailed and readable logs (If some functionality cannot be adequately verified due to inadequate logs, deduct suitable points for each affected item above)	6	
DOCUMENTATION		
README and testing.txt contain all information specified in project.txt	8	
PENALTIES		
bugs/limitations not reported in README (additional 50% off)		
poor code quality (up to -10, depending on severity)		
late submission (5%/day). submission date+time:		
late demo (10%/day). demo date+time:		
TOTAL	100	

For client/Olympus/replica functionality: Aspects not covered by a test case in the submission get at most 80% credit (penalty for inadequate testing). Aspects not covered by a test case during the demo get at most 50% credit, if the code looks reasonable.