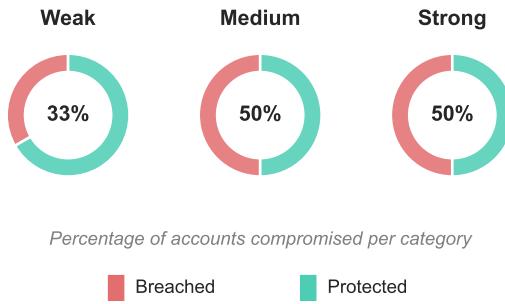


# Security Analysis Research Report

SERVER PERFORMANCE	
• Latency (ms):	Avg: 84.28   Med: 1.52
• CPU (ms):	Avg: 0.0834   Med: 0.0014
• Memory (mb):	Avg: 0.0207   Med: 0.0080

ATTACK EFFICIENCY & OUTCOME	
• Total Login Attempts:	55
• Total Targeted Accounts:	7
• Accounts Breached:	3 ( 42.9%)
• Accounts Protected:	4 ( 57.1%)
• Avg Attempts / Breached:	3.7
• Avg Attempts / Protected:	10.0
• Avg Time to Breach:	1.63s

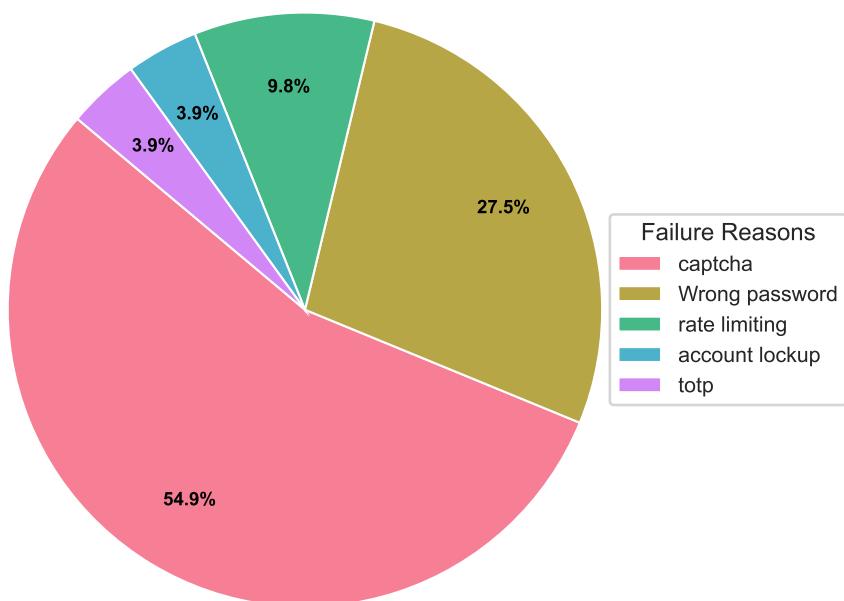


EXPERIMENT CONFIGURATION	
• Group Seed:	509041496
• Hash Type:	bcrypt

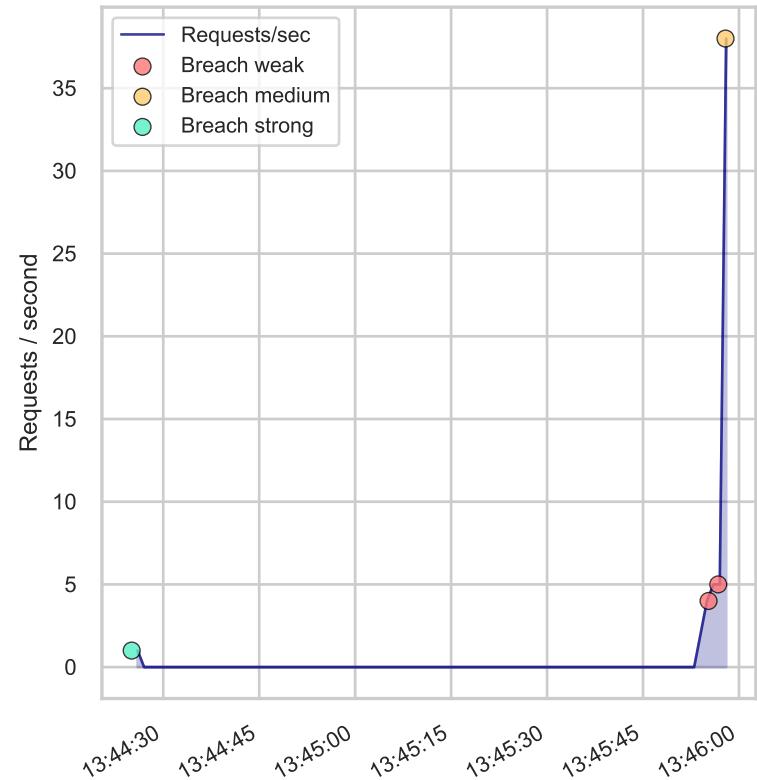
Protections:

- Pepper
- Account Lockout
- Rate Limiting
- Captcha

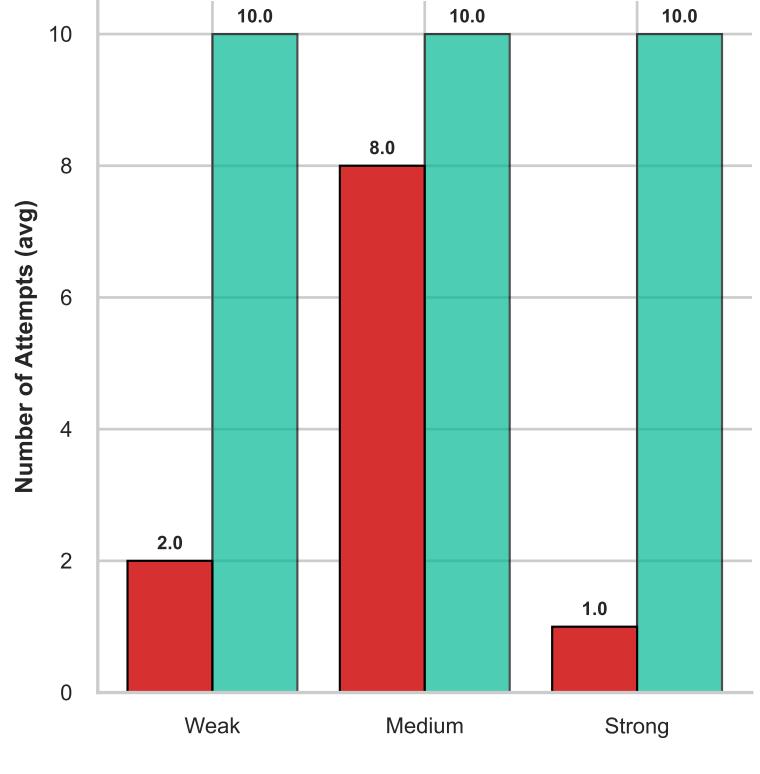
Blocking Factors Distribution



Requests over Time



Average Login Attempts



■ Avg. attempts until breached ■ Avg. attempts per non breached account