Self-Healing Multi-Agent System: Research Results
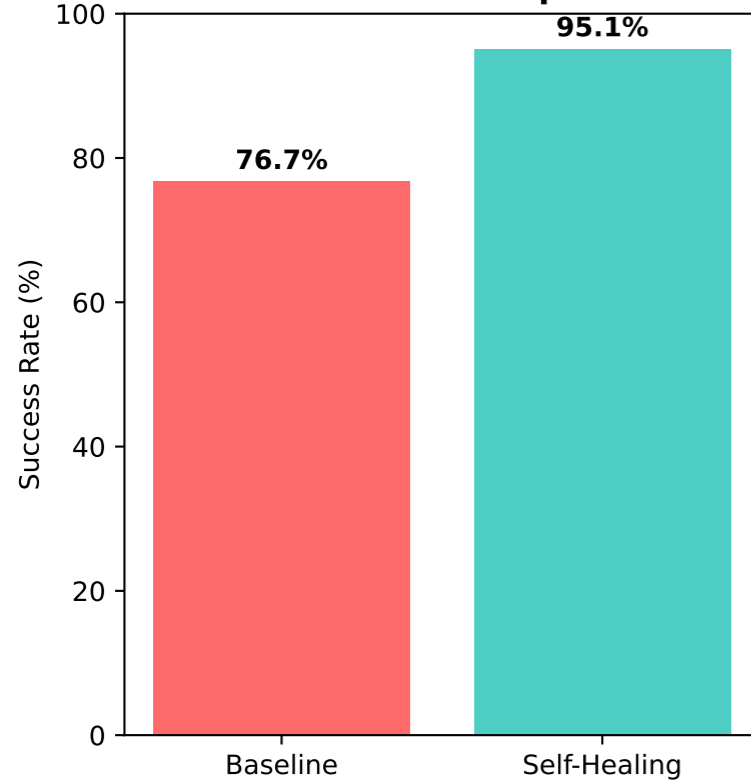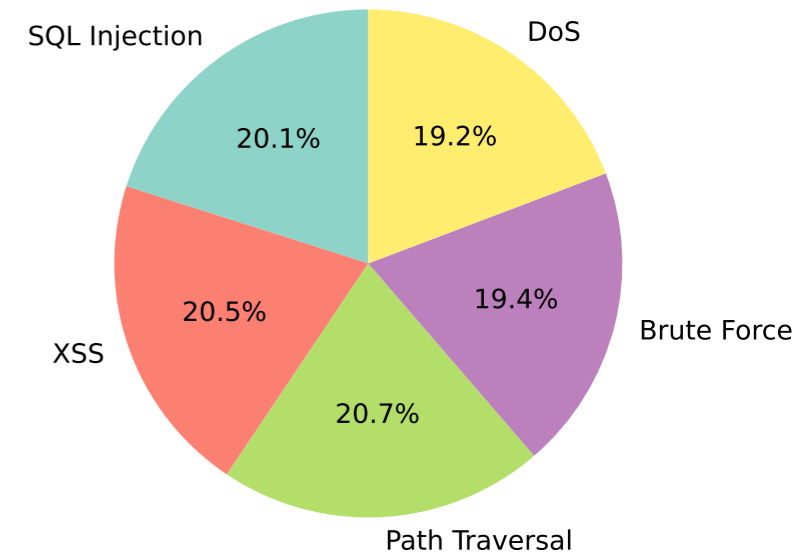
Success Rate Comparison
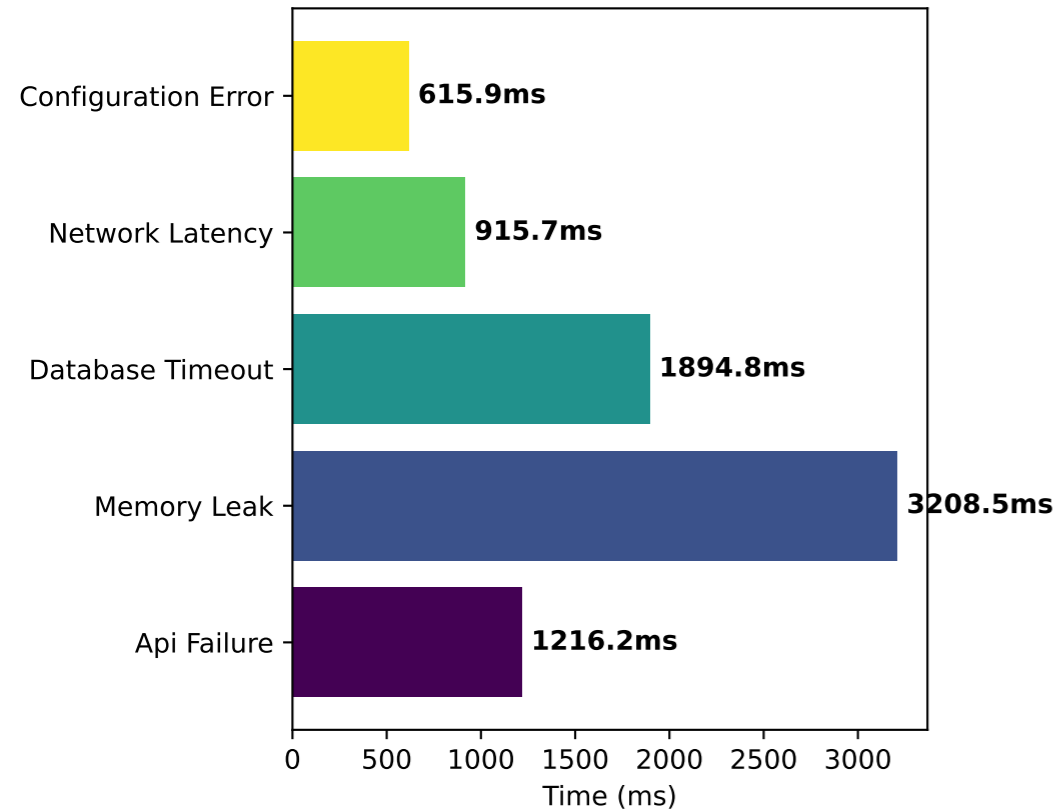- Baseline: 76.7%
- Self-Healing: 95.1%

Bug Detection Rates by Pattern
- Division By Zero
- Null Pointer
- Memory Overflow
- Timeout
- Resource Leak
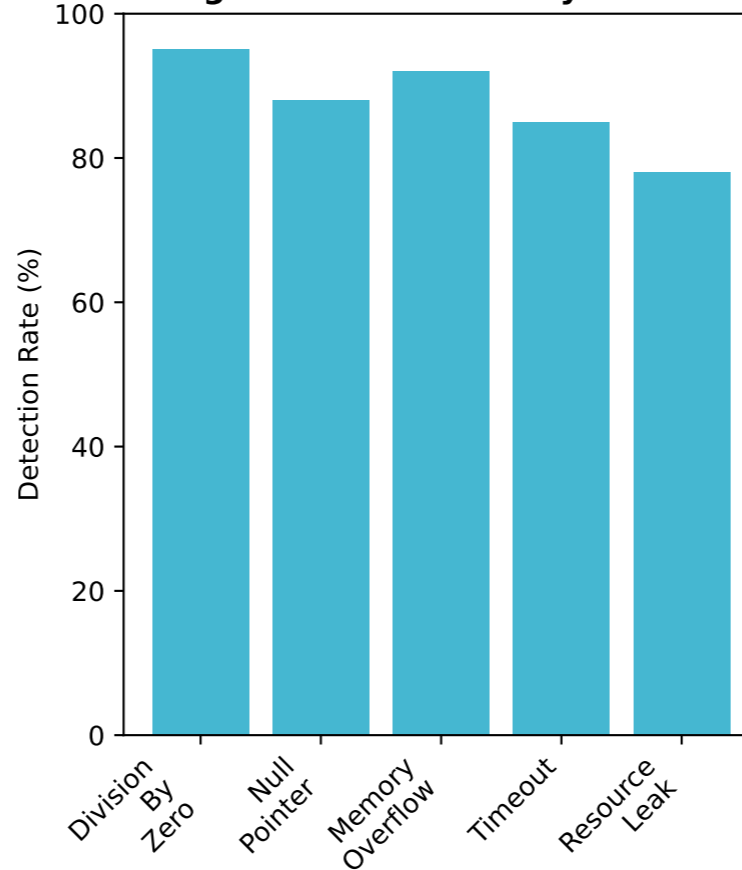
Security Attack Detection
- SQL Injection: 20.1%
- DoS: 19.2%
- Brute Force: 19.4%
- Path Traversal: 20.7%
- XSS: 20.5%

Average Healing Times
- Configuration Error: 615.9ms
- Network Latency: 915.7ms
- Database Timeout: 1894.8ms
- Memory Leak: 3208.5ms
- Api Failure: 1216.2ms

Scalability: Success Rate
- Response Time
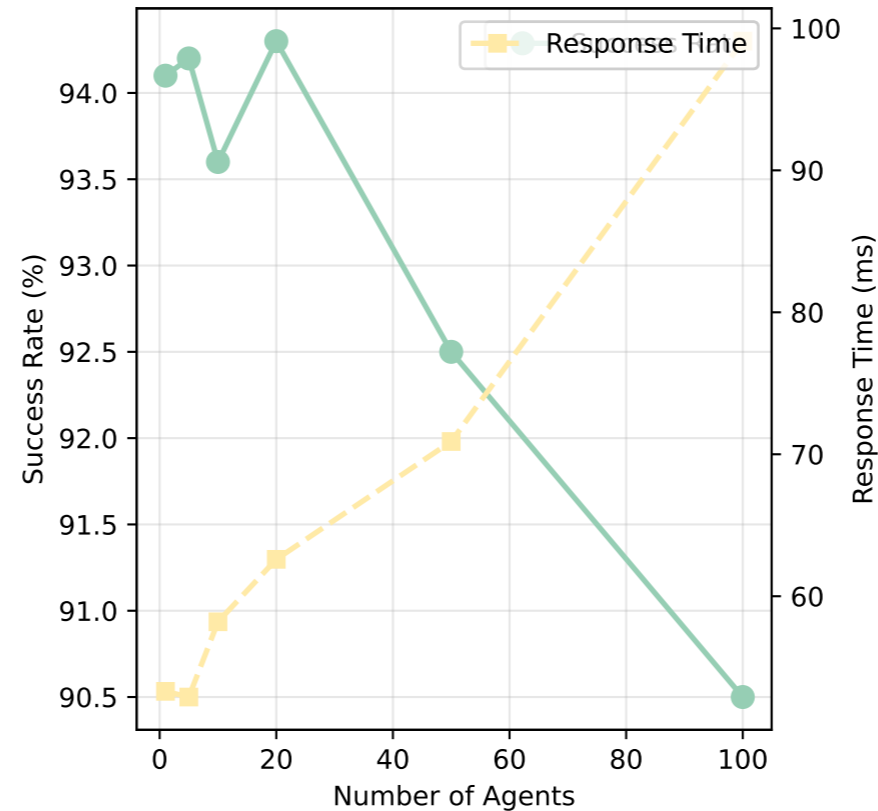
Performance Metrics Radar
- Detection Rate
- Healing Success
- Response Time
- Scalability