Simple Web Server Project

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# All Tactics

|  |  |  |  |
| --- | --- | --- | --- |
| Tactic | Programmer | Attribute Affected | Status |
| Persistent Connection | SK | Availability, Performance | In-Progress |
| Concurrency | RT | Performance | Completed |
| Faster File IO |  | Performance | Proposed |
| Revoke access from DOS attack | AS | Availability, Security | In-progress |
| Verify message Integrity |  | Security | Proposed |
| Scheduling Queue |  | Availability, Performance | Proposed |
| HTTPS data encryption |  | Security | Proposed |
| 304 | AS | BONUS, Performance | Proposed |
| 505 | SK | BONUS | Proposed |
| Change Provider | RT | BONUS | Completed |
| GUI Performance (Latency, Throughput, Miss rate) | RT | BONUS | Proposed |

# Availability

## Tactics implemented

1. Persistent Connection
2. Revoke access from suspected DOS attack
3. Scheduling Queue

## Improvements

# Performance

## Tactics Implemented

1. Persistent Connection
2. Concurrency
3. Faster file IO
4. Implement 304

## Improvements

1. Criteria 1
2. Criteria 2
3. Criteria 3

(+5 points for showing performance in GUI)

# Security

## Tactics Implemented

1. Revoke access from suspected DOS attacks
2. Verify message Integrity
3. HTTPS data encryption

## Improvements

### Before

Before, the system…

### After

After, the system….

# Bonuses

## Provider change (5 points)

TODO

## Support 505 (5 points)

TODO

## Support 304 (15)

TODO