Fildelning

**SYN-flood**

512MB fil

Utan säkerhet: 194 sekunder

Ratelimit: 148 sekunder

CPUlimit: 164 sekunder

Ratelimit + CPUlimit: 131 sekunder

**ACK-flood**

512MB fil

Utan säkerhet: 213 sekunder

Ratelimit: 156 sekunder

CPUlimit: 174 sekunder

Ratelimit + CPUlimit: 143 sekunder

**SYN-ACK-flood**

512MB fil

Utan säkerhet: 224 sekunder

Ratelimit: 165 sekunder

CPUlimit: 180 sekunder

Ratelimit + CPUlimit: 153 sekunder

Inkommande Paket

**SYN-flood**

Utan säkerhet: 30434205

Ratelimit: 7177810

CPUlimit: 8586007

Ratelimit + CPUlimit: 6521222

**ACK-flood**

Utan säkerhet: 31241122

Ratelimit: 7200483

CPUlimit: 8639660

Ratelimit + CPUlimit: 6834900

**SYN-ACK-flood**

Utan säkerhet: 32833878

Ratelimit: 7271412

CPUlimit: 8698711

Ratelimit + CPUlimit: 7038344

Paket Förluster

**SYN-flood**

Utan säkerhet: 106

Ratelimit: 1

CPUlimit: 3

Ratelimit + CPUlimit: 0

**ACK-flood**

Utan säkerhet: 130

Ratelimit: 1

CPUlimit: 5

Ratelimit + CPUlimit: 1

**SYN-ACK-flood**

Utan säkerhet: 323

Ratelimit: 3

CPUlimit: 4

Ratelimit + CPUlimit: 1

## Fildelning insamling av data från 4 tester i sekunder

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SYN-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 160s | 146s | 141s | 130s |
| Test2 | 193s | 142s | 163s | 128s |
| Test3 | 210s | 150s | 165s | 143s |
| Test4 | 195s | 170s | 176s | 132s |
| Median | 194s | 148s | 164s | 131s |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ACK-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 209s | 149s | 167s | 154s |
| Test2 | 222s | 158s | 182s | 138s |
| Test3 | 214s | 165s | 174s | 145s |
| Test4 | 212s | 153s | 173s | 141s |
| Median | 213s | 156s | 174s | 143s |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SYN-ACK-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 233s | 174s | 172s | 154s |
| Test2 | 225s | 164s | 181s | 151s |
| Test3 | 212s | 165s | 191s | 145s |
| Test4 | 222s | 158s | 178s | 159s |
| Median | 224s | 165s | 180s | 153s |

## Skickade packet insamling av data från 4 tester

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test1 | 31971973 | 7376421 | 8734941 | 6290483 |
| Test2 | 29402648 | 7189273 | 8420539 | 6810468 |
| Test3 | 29795628 | 6977323 | 8537291 | 6532396 |
| Test4 | 31072781 | 7166347 | 8634723 | 6510048 |
| Median | 304342045 | 7177810 | 8586007 | 6521222 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ACK-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 31778309 | 6893845 | 8535120 | 6794837 |
| Test2 | 33927403 | 7274391 | 8704926 | 7194720 |
| Test3 | 30703935 | 7148258 | 8574394 | 6874962 |
| Test4 | 29903545 | 7252707 | 8894821 | 6683752 |
| Median | 31241122 | 7200483 | 8639660 | 6834900 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SYN-ACK-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 32648274 | 7236496 | 8582372 | 6997384 |
| Test2 | 33019481 | 6959687 | 8729472 | 6893857 |
| Test3 | 30385920 | 7306328 | 8667949 | 7282947 |
| Test4 | 34184729 | 7393690 | 8798394 | 7079303 |
| Median | 32833878 | 7271412 | 8698711 | 7038344 |

## Paket förluster insamling av data från 4 tester.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SYN-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 109 | 1 | 1 | 0 |
| Test2 | 100 | 3 | 3 | 0 |
| Test3 | 124 | 0 | 4 | 0 |
| Test4 | 102 | 1 | 3 | 0 |
| Median | 106 | 1 | 3 | 0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ACK-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 129 | 0 | 6 | 0 |
| Test2 | 112 | 1 | 4 | 1 |
| Test3 | 144 | 2 | 5 | 1 |
| Test4 | 130 | 1 | 4 | 2 |
| Median | 129,5 | 1 | 5 | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SYN-ACK-flood | Utan säkerhet | Rate-limit | CPU-limit | Rate-limit +CPU-limit |
| Test1 | 334 | 2 | 1 | 1 |
| Test2 | 311 | 5 | 3 | 1 |
| Test3 | 326 | 3 | 4 | 0 |
| Test4 | 320 | 1 | 6 | 2 |
| Median | 323 | 3 | 4 | 1 |