

CyPerf Test Report

Test 3: A New Benchmarking Strategy For 5G

Start Time: 01/31 13:41:28 Duration: 0 day(s) 0:9:30 CyPerf Version: 2.6.11767

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Test Parameters



App Mix

| | Name | Weight | |
|----|------------|--------|-------|
| 1. | HTTP App 1 | 1 | 100 % |

| | | Name | Network Endpoint | Network Tags |
|----|----|------------|------------------|--------------|
| 1. | 1 | HTTP App 1 | Client | Client |
| | Ι. | птемрт | Server | Server |

Objectives & Timeline

Primary Objective

| Objective Type | Max Simulated Users Per Second | Max Pending Simulated Users |
|-----------------|--------------------------------|-----------------------------|
| Simulated users | 100000 | 100% |

Primary Objective Timeline

| Steady segment | 25000000 for 420 seconds | |
|----------------|--------------------------|--|
|----------------|--------------------------|--|

Secondary Objective

| Objective Type | Objective Value |
|------------------------|-----------------|
| Connections per second | 1000000 |

Advanced Settings

| Warm Up Period | Optimization Mode | Connections Graceful Stop Timeout |
|----------------|-------------------|-----------------------------------|
| 0 | Rate mode | 15 |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | false | false | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.1.1.10 | 0.0.0.1 | 100 | 100 |

IP Prefix Length

24

Gateway Start

10.1.1.254

MSS (bytes)

1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.201 |
|---------------|----------------|
| By Agent Tag | |

Client-02

IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.2.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.203 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.3.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.205 |
|---------------|----------------|
| By Agent Tag | |



IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.4.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.207 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.5.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.209 |
|---------------|----------------|
| By Agent Tag | |



IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.6.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.211 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.7.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.213 |
|---------------|----------------|
| By Agent Tag | |



IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|-----------|--------------|-------|---------------------|
| 10.8.1.10 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Client |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.215 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | false | false | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.1.1.111 | 0.0.0.1 | 100 | 100 |

IP Prefix Length

24

Gateway Start

10.1.1.254

MSS (bytes)

1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.202 |
|---------------|----------------|
| By Agent Tag | |

Server-02

IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.2.1.111 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.204 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.3.1.111 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.206 |
|---------------|----------------|
| By Agent Tag | |



IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.4.1.111 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.208 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.5.1.111 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.210 |
|---------------|----------------|
| By Agent Tag | |



IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.6.1.111 | 0.0.0.1 | 100 | 100 |

MSS (bytes) 1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

| By IP Address | 192.168.10.212 |
|---------------|----------------|
| By Agent Tag | |



| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent | |
|------------|--------------|-------|---------------------|--|
| 10.7.1.111 | 0.0.0.1 | 100 | 100 | |

MSS (bytes) 1460

Network Properties

| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

Assigned agents

| By IP Address | 192.168.10.214 |
|---------------|----------------|
| By Agent Tag | |



IP Range 1

| Automatic IP | Automatic IP Prefix Length | Automatic Gateway | Automatic MSS |
|--------------|----------------------------|-------------------|---------------|
| false | true | true | false |

| IP Start | IP Increment | Count | Max Count Per Agent |
|------------|--------------|-------|---------------------|
| 10.8.1.111 | 0.0.0.1 | 100 | 100 |

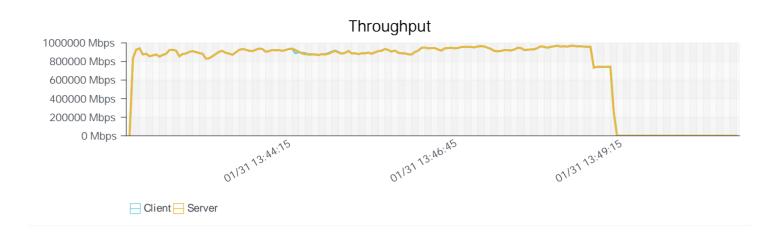
MSS (bytes) 1460

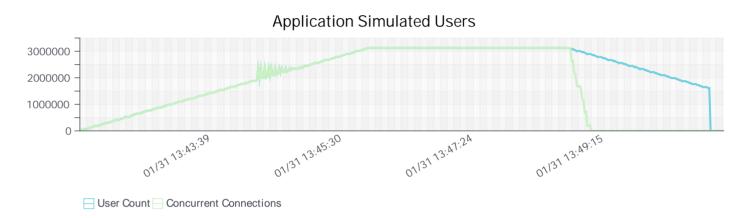
Network Properties

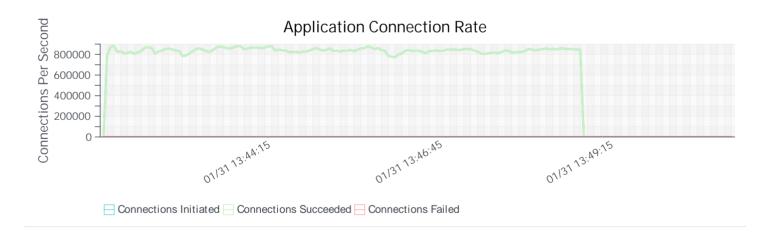
| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

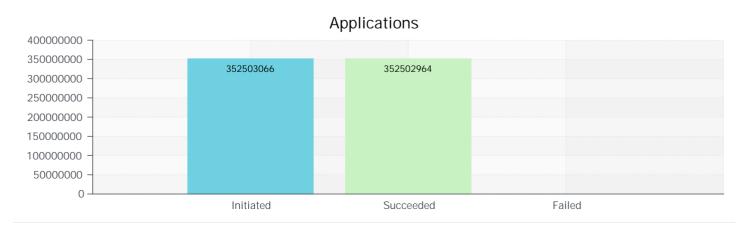
| By IP Address | 192.168.10.216 |
|---------------|----------------|
| By Agent Tag | |

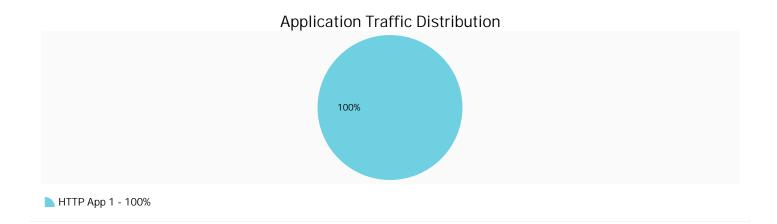
Summary

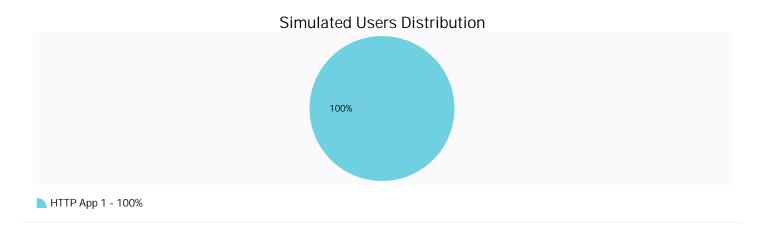


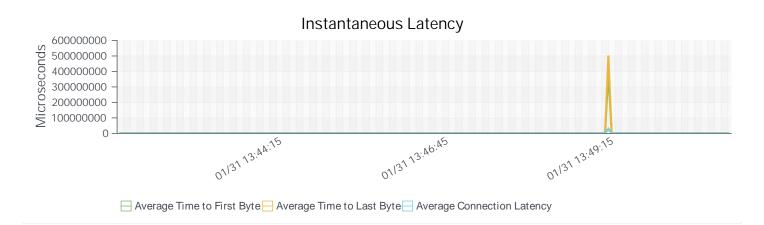


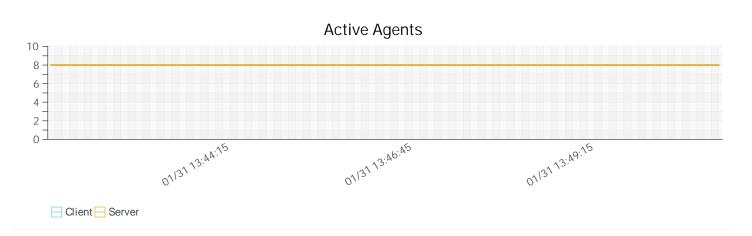




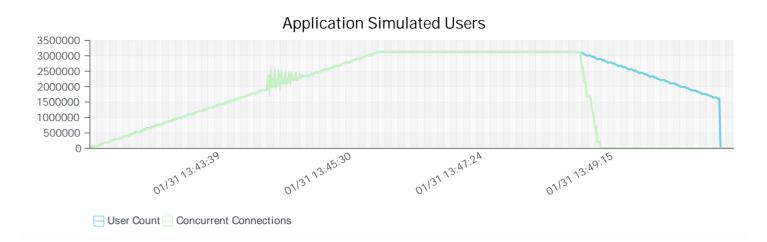


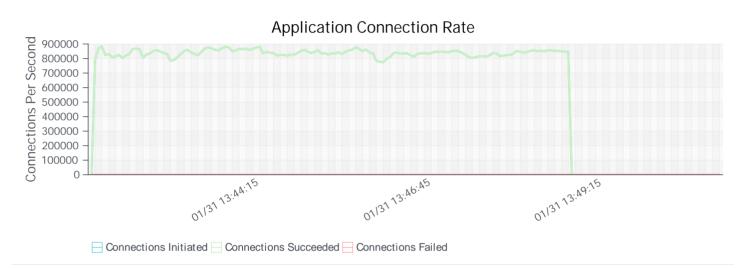


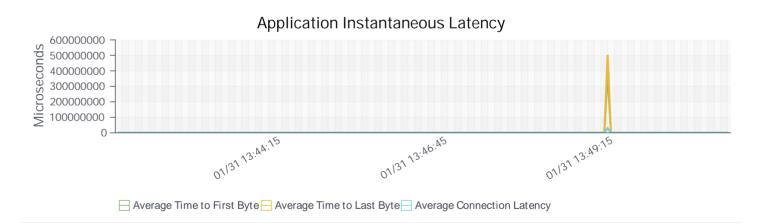




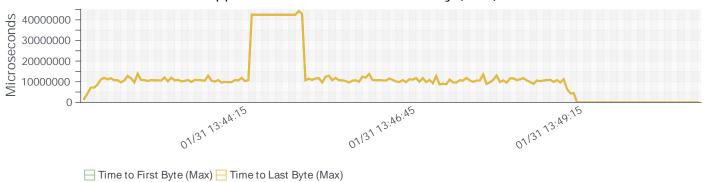
Client Application Profile

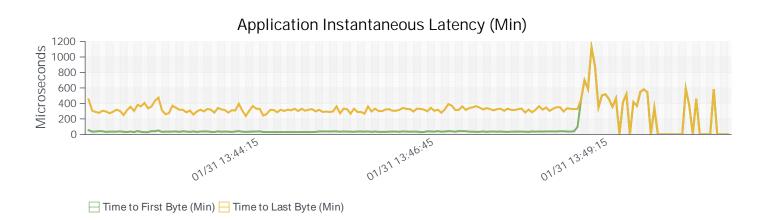


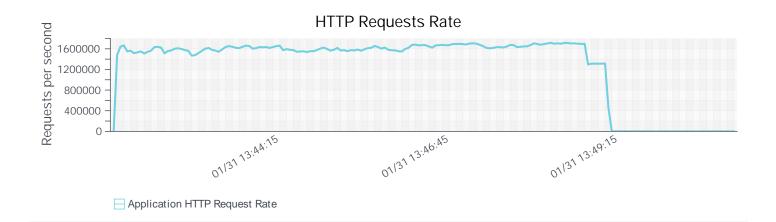












Client Application Statistics

| Profile | Application | Bytes sent | Bytes received |
|--|-------------|---------------|----------------|
| App Client Application Profile-Client- 08 | НТТР Арр 1 | 3184036698745 | 3176788992542 |
| App Client Application Profile-Client-07 | НТТР Арр 1 | 3022761797562 | 3015881254849 |
| App Client Application Profile-Client- 06 | HTTP App 1 | 2894474461232 | 2887885785897 |
| App Client Application Profile-Client- 05 | HTTP App 1 | 3281296311868 | 3273827433479 |
| App Client Application Profile-Client- 04 | НТТР Арр 1 | 3238776547510 | 3231404312568 |
| App Client Application Profile-Client- 03 | НТТР Арр 1 | 2790482420248 | 2784129428163 |
| App Client Application Profile-Client- 02 | НТТР Арр 1 | 3113820406062 | 3106732595974 |
| App Client Application Profile-Client- 01 | НТТР Арр 1 | 3407597068636 | 3399840704783 |

| Profile | Application | Connections Initiated | Connections Succeeded | Connections Failed | Connections Aborted |
|--|-------------|--------------------------|--------------------------|-----------------------|------------------------|
| App Client Application Profile-Client-08 | НТТР Арр 1 | 45015508 | 45015505 | 3 | 0 |
| App Client Application Profile-Client-07 | НТТР Арр 1 | 42735423 | 42735421 | 2 | 0 |
| App Client Application Profile-Client-06 | НТТР Арр 1 | 40921715 | 40921711 | 4 | 0 |
| App Client Application Profile-Client-05 | НТТР Арр 1 | 46390549 | 46390549 | 0 | 0 |
| App Client Application Profile-Client-04 | НТТР Арр 1 | 45789412 | 45789410 | 2 | 0 |
| App Client Application Profile-Client-03 | НТТР Арр 1 | 39451699 | 39451695 | 4 | 0 |
| App Client Application Profile-Client-02 | НТТР Арр 1 | 44022798 | 44022796 | 2 | 0 |
| App Client Application Profile-Client-01 | НТТР Арр 1 | 48176173 | 48176173 | 0 | 0 |

| Profile | Application | Applications Initiated | Applications Succeeded | Applications Failed | Actions Timed Out |
|--|-------------|---------------------------|---------------------------|------------------------|----------------------|
| App Client Application Profile-Client-08 | НТТР Арр 1 | 45015505 | 45015502 | 3 | 0 |
| App Client Application Profile-Client-07 | HTTP App 1 | 42735421 | 42735419 | 2 | 0 |
| App Client Application Profile-Client-06 | НТТР Арр 1 | 40921711 | 40921707 | 4 | 0 |
| App Client Application Profile-Client-05 | НТТР Арр 1 | 46390549 | 46390549 | 0 | 0 |
| App Client Application Profile-Client-04 | НТТР Арр 1 | 45789410 | 45789408 | 2 | 0 |
| App Client Application Profile-Client-03 | НТТР Арр 1 | 39451501 | 39451412 | 89 | 0 |
| App Client Application Profile-Client-02 | НТТР Арр 1 | 44022796 | 44022794 | 2 | 0 |
| App Client Application Profile-Client-01 | HTTP App 1 | 48176173 | 48176173 | 0 | 0 |

Server Statistics

Application & Attack Statistics

| Application & Attack | Bytes sent | Bytes received | Connections received | Strikes Allowed | Strikes Initiated |
|----------------------|--------------------|----------------|----------------------|-----------------|-------------------|
| НТТР | 248764916536 73 | 24933245707593 | 352503246 | 0 | 0 |

TCP Statistics

Client TCP Statistics

| Profile | SYN Sent | SYN Received | SYN Failed | Connections Established | Connection Initiation Failed | SYN- ACK Sent | SYN- ACK Received | SYN-ACK Failed |
|---|--------------|-----------------|---------------|----------------------------|------------------------------------|---------------------|-------------------------|-------------------|
| App Client Application Profile-Client-08 | 45015 508 | 0 | 0 | 45015505 | 0 | 0 | 4501550 5 | 0 |
| App Client Application Profile-Client-07 | 42735 423 | 0 | 0 | 42735421 | 0 | 0 | 4273542 1 | 0 |
| App Client Application Profile-Client-06 | 40921 715 | 0 | 0 | 40921711 | 0 | 0 | 4092171 1 | 0 |
| App Client Application Profile-Client-05 | 46390 549 | 0 | 0 | 46390549 | 0 | 0 | 4639054 9 | 0 |
| App Client Application Profile-Client-04 | 45789 412 | 0 | 0 | 45789410 | 0 | 0 | 4578941 0 | 0 |
| App Client Application Profile-Client-03 | 39451 699 | 0 | 0 | 39451695 | 0 | 0 | 3945169 5 | 0 |
| App Client Application Profile-Client-02 | 44022 798 | 0 | 0 | 44022796 | 0 | 0 | 4402279 6 | 0 |
| App Client Application Profile-Client-01 | 48176 173 | 0 | 0 | 48176173 | 0 | 0 | 4817617 3 | 0 |

| Profile | FIN Sent | FIN Received | FIN-ACK Sent | FIN-ACK Received | RST Sent | RST Received |
|---|----------|--------------|--------------|------------------|----------|--------------|
| App Client Application Profile-Client-08 | 45015505 | 0 | 0 | 45015503 | 2 | 0 |
| App Client Application Profile-Client-07 | 42735421 | 0 | 0 | 42735417 | 4 | 0 |
| App Client Application Profile-Client-06 | 40921711 | 0 | 0 | 40921704 | 7 | 0 |
| App Client Application Profile-Client-05 | 46390549 | 0 | 0 | 46390544 | 5 | 0 |
| App Client Application Profile-Client-04 | 45789410 | 0 | 0 | 45789408 | 2 | 0 |
| App Client Application Profile-Client-03 | 39451485 | 0 | 0 | 39451471 | 6 | 228 |
| App Client Application Profile-Client-02 | 44022796 | 0 | 0 | 44022794 | 2 | 0 |
| App Client Application Profile-Client-01 | 48176173 | 0 | 0 | 48176172 | 1 | 0 |

Client TCP Retransmissions Statistics

| Profile | SYN Retransmitted | SYN Retransmission Aborted | Data Retransmitted | Data Retransmission Aborted | SYN-ACK Retransmitted | SYN-ACK Retransmission Aborted |
|--|----------------------|----------------------------------|-----------------------|-----------------------------------|--------------------------|--------------------------------------|
| App Client Application Profile-Client-08 | 145472 | 3 | 6146747 | 2 | 0 | 0 |
| App Client Application Profile-Client-07 | 139665 | 2 | 6056612 | 4 | 0 | 0 |
| App Client Application Profile-Client-06 | 144279 | 4 | 6556074 | 7 | 0 | 0 |
| App Client Application Profile-Client-05 | 122322 | 0 | 4837848 | 5 | 0 | 0 |
| App Client Application Profile-Client-04 | 130848 | 2 | 5510942 | 2 | 0 | 0 |

Client TCP Retransmissions Statistics

| Profile | SYN Retransmitted | SYN Retransmission Aborted | Data Retransmitted | Data Retransmission Aborted | SYN-ACK Retransmitted | SYN-ACK Retransmission Aborted |
|--|----------------------|----------------------------------|-----------------------|-----------------------------------|--------------------------|--------------------------------------|
| App Client Application Profile-Client-03 | 140161 | 4 | 6582469 | 6 | 0 | 0 |
| App Client Application Profile-Client-02 | 143513 | 2 | 6044328 | 2 | 0 | 0 |
| App Client Application Profile-Client-01 | 100948 | 0 | 4073731 | 1 | 0 | 0 |

Server TCP Statistics

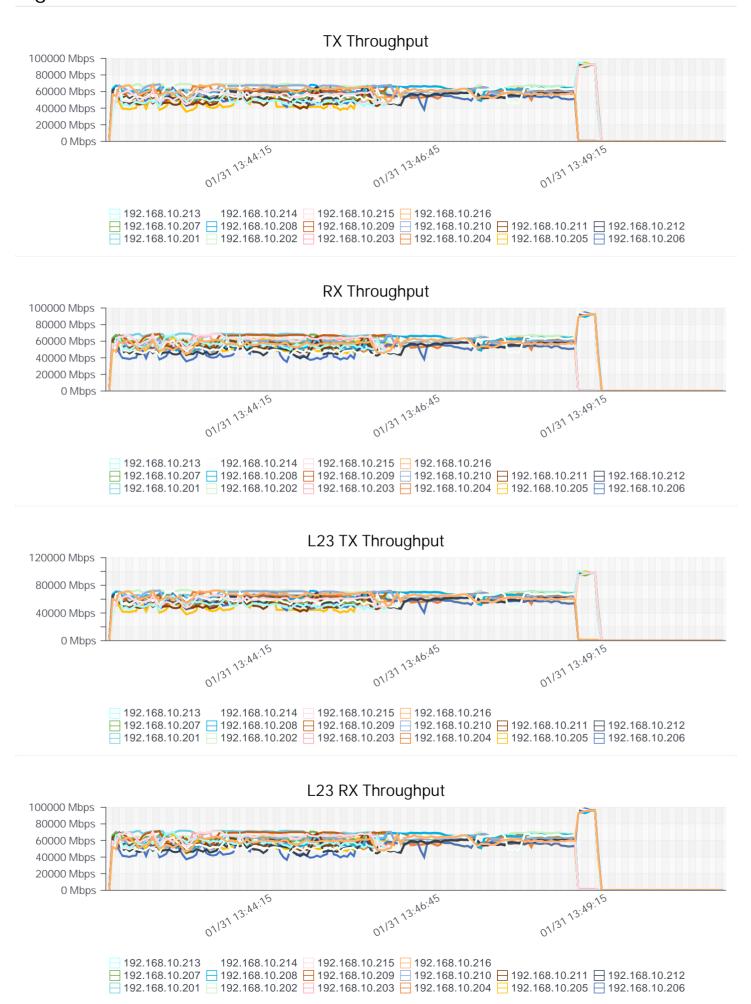
| Port | SYN ACK Sent | SYN Received | SYN ACK Failed | Connections Established | Connection Initiation Failed |
|------|--------------|--------------|----------------|----------------------------|------------------------------|
| 80 | 352552306 | 352552306 | 0 | 352503246 | 0 |

| Port | FIN ACK Sent | FIN Received | FIN Sent | FIN ACK Received | RST Sent | RST Received |
|------|--------------|--------------|----------|------------------|----------|--------------|
| 80 | 352503018 | 352503018 | 0 | 0 | 3561 | 29 |

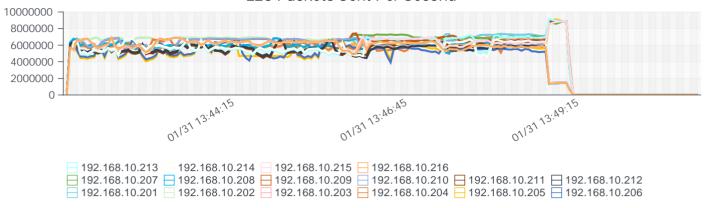
Server TCP Retransmissions Statistics

| Port | SYN ACK Retransmitted | SYN ACK Retransmissions Aborted | Data Retransmitted | Data Retransmissions Aborted |
|------|-----------------------|------------------------------------|--------------------|---------------------------------|
| 80 | 613601 | 14 | 7891880 | 3547 |

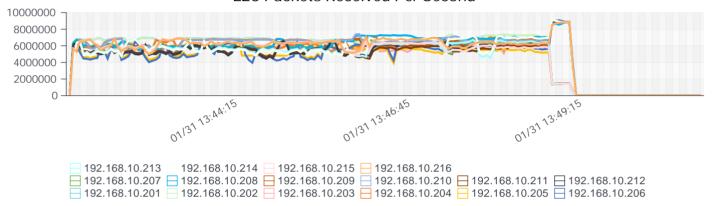
Agent Traffic Statistics



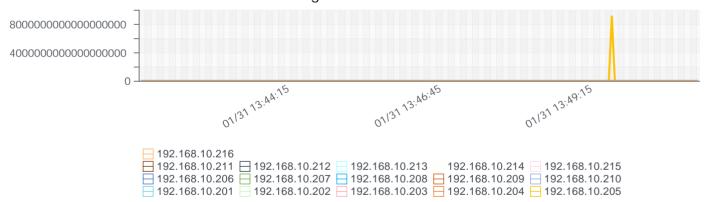
L23 Packets Sent Per Second



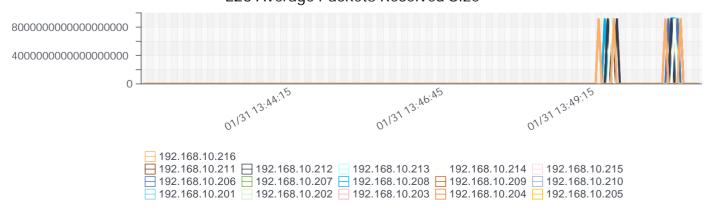
L23 Packets Received Per Second



L23 Average Packets Sent Size



L23 Average Packets Received Size



Traffic Statistics

| Agent | Bytes Sent | Bytes Received | Connections Initiated | Connections Received | Connections Succeeded |
|----------------|---------------|----------------|--------------------------|-------------------------|--------------------------|
| 192.168.10.216 | 3176788992542 | 3184036698745 | 0 | 45015505 | 0 |
| 192.168.10.215 | 3184036698745 | 3176788992542 | 45015508 | 0 | 45015505 |
| 192.168.10.214 | 3015881254849 | 3022761797562 | 0 | 42735421 | 0 |
| 192.168.10.213 | 3022761797562 | 3015881254849 | 42735423 | 0 | 42735421 |
| 192.168.10.212 | 2887885785897 | 2894474461232 | 0 | 40921711 | 0 |
| 192.168.10.211 | 2894474461232 | 2887885785897 | 40921715 | 0 | 40921711 |
| 192.168.10.210 | 3273827433479 | 3281296311868 | 0 | 46390549 | 0 |
| 192.168.10.209 | 3281296311868 | 3273827433479 | 46390549 | 0 | 46390549 |
| 192.168.10.208 | 3231404312568 | 3238776547510 | 0 | 45789410 | 0 |
| 192.168.10.207 | 3238776547510 | 3231404312568 | 45789412 | 0 | 45789410 |
| 192.168.10.206 | 2784130573581 | 2790482415978 | 0 | 39451681 | 0 |
| 192.168.10.205 | 2790482420248 | 2784129428163 | 39451699 | 0 | 39451695 |
| 192.168.10.204 | 3106732595974 | 3113820406062 | 0 | 44022796 | 0 |
| 192.168.10.203 | 3113820406062 | 3106732595974 | 44022798 | 0 | 44022796 |
| 192.168.10.202 | 3399840704783 | 3407597068636 | 0 | 48176173 | 0 |
| 192.168.10.201 | 3407597068636 | 3399840704783 | 48176173 | 0 | 48176173 |

Client Application Statistics

| Agent | Profile - Network Segment | Applications Initiated | Applications Succeeded | Applications Failed |
|----------------|--|---------------------------|---------------------------|------------------------|
| 192.168.10.215 | App Client Application Profile-Client- 08 | 45015505 | 45015502 | 3 |
| 192.168.10.213 | App Client Application Profile-Client-07 | 42735421 | 42735419 | 2 |
| 192.168.10.211 | App Client Application Profile-Client- 06 | 40921711 | 40921707 | 4 |
| 192.168.10.209 | App Client Application Profile-Client- 05 | 46390549 | 46390549 | 0 |
| 192.168.10.207 | App Client Application Profile-Client- 04 | 45789410 | 45789408 | 2 |
| 192.168.10.205 | App Client Application Profile-Client-03 | 39451501 | 39451412 | 89 |
| 192.168.10.203 | App Client Application Profile-Client- 02 | 44022796 | 44022794 | 2 |
| 192.168.10.201 | App Client Application Profile-Client- 01 | 48176173 | 48176173 | 0 |

L23 Statistics

| Agent | Interface | Bytes Sent | Bytes Received | Packets Sent | Packets Received |
|----------------|-----------|---------------|----------------|--------------|------------------|
| 192.168.10.216 | ens192 | 3360225687264 | 3321802354366 | 2596191511 | 2795927782 |
| 192.168.10.215 | ens192 | 3389145082767 | 3298862313723 | 2803122211 | 2595514486 |
| 192.168.10.214 | ens192 | 3189919327901 | 3153971792071 | 2465801308 | 2654817085 |
| 192.168.10.213 | ens192 | 3217849210201 | 3132070094359 | 2661904774 | 2465300872 |
| 192.168.10.212 | ens192 | 3054851845227 | 3020295497008 | 2364394469 | 2545194459 |
| 192.168.10.211 | ens192 | 3082645908461 | 2999311139424 | 2552876601 | 2363906115 |
| 192.168.10.210 | ens192 | 3462536823599 | 3423463115356 | 2671737672 | 2878530486 |
| 192.168.10.209 | ens192 | 3490195864616 | 3399987633323 | 2884152240 | 2670977204 |
| 192.168.10.208 | ens192 | 3417610241204 | 3379116564972 | 2638906465 | 2841954566 |
| 192.168.10.207 | ens192 | 3446134944159 | 3355753099015 | 2848380968 | 2638337209 |
| 192.168.10.206 | ens192 | 2945114227846 | 2911965686475 | 2280399579 | 2454005004 |

L23 Statistics

| Agent | Interface | Bytes Sent | Bytes Received | Packets Sent | Packets Received |
|----------------|-----------|---------------|----------------|--------------|------------------|
| 192.168.10.205 | ens192 | 2972310459706 | 2891667061909 | 2461711138 | 2279976508 |
| 192.168.10.204 | ens192 | 3286086435589 | 3250263123920 | 2541566042 | 2734688364 |
| 192.168.10.203 | ens192 | 3314477731648 | 3227355444267 | 2741752983 | 2541052822 |
| 192.168.10.202 | ens192 | 3595768079704 | 3556837500598 | 2775868433 | 2989615670 |
| 192.168.10.201 | ens192 | 3623111412545 | 3531863732914 | 2994323723 | 2775108547 |

ARP Statistics

| Agent | Interface | ARP Requests Sent | ARP Requests Received | ARP Response Sent | ARP Response Received |
|----------------|-----------|-------------------|--------------------------|-------------------|--------------------------|
| 192.168.10.216 | ens192 | 0 | 400 | 400 | 0 |
| 192.168.10.215 | ens192 | 415 | 0 | 0 | 400 |
| 192.168.10.214 | ens192 | 0 | 400 | 400 | 0 |
| 192.168.10.213 | ens192 | 400 | 0 | 0 | 400 |
| 192.168.10.212 | ens192 | 0 | 400 | 400 | 0 |
| 192.168.10.211 | ens192 | 402 | 0 | 0 | 400 |
| 192.168.10.210 | ens192 | 0 | 400 | 400 | 0 |
| 192.168.10.209 | ens192 | 408 | 0 | 0 | 400 |
| 192.168.10.208 | ens192 | 0 | 400 | 400 | 0 |
| 192.168.10.207 | ens192 | 400 | 0 | 0 | 400 |
| 192.168.10.206 | ens192 | 0 | 478 | 478 | 0 |
| 192.168.10.205 | ens192 | 478 | 0 | 0 | 478 |
| 192.168.10.204 | ens192 | 0 | 400 | 400 | 0 |
| 192.168.10.203 | ens192 | 400 | 0 | 0 | 400 |
| 192.168.10.202 | ens192 | 0 | 402 | 402 | 0 |
| 192.168.10.201 | ens192 | 402 | 0 | 0 | 400 |

Client DNS Statistics

| Agent | Query Sent | Query Refused | Query Aborted | Query Timed Out | Name Resolved | Server Failure | Served From Cache |
|----------------|------------|------------------|------------------|--------------------|------------------|----------------|-------------------|
| 192.168.10.216 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.214 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.213 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.212 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.208 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.207 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.206 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.205 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.204 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.202 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 192.168.10.201 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Client Aggregated HTTP Statistics

HTTP General Statistics

| Profile - Network Segment | Application Attack | Requests Completed | Premature Responses Received | Payload Bytes Sent | Payload Bytes Received | Responses Received 1xx | Responses Received 2xx | Responses Received 3xx | Responses Received 4xx | Responses Received 5xx |
|--|--------------------|-----------------------|------------------------------------|-----------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| App Client Application Profile- Client-08 | HTTP App 1 | 90031007 | 0 | 3151085350 000 | 315207548 1110 | 0 | 90031007 | 0 | 0 | 0 |
| App Client Application Profile- Client-07 | HTTP App 1 | 85470840 | 0 | 2991479470 000 | 299241950 9262 | 0 | 85470840 | 0 | 0 | 0 |
| App Client Application Profile- Client-06 | HTTP App 1 | 81843418 | 0 | 2864519770 000 | 286541976 7642 | 0 | 81843418 | 0 | 0 | 0 |
| App Client Application Profile- Client-05 | HTTP App 1 | 92781098 | 0 | 3247338430 000 | 324835902 2078 | 0 | 92781098 | 0 | 0 | 0 |
| App Client Application Profile- Client-04 | HTTP App 1 | 91578818 | 0 | 3205258700 000 | 320626592 7020 | 0 | 91578818 | 0 | 0 | 0 |
| App Client Application Profile- Client-03 | HTTP App 1 | 78902927 | 0 | 2761603180 000 | 276247057 4838 | 0 | 78902927 | 0 | 0 | 0 |
| App Client Application Profile- Client-02 | HTTP App 1 | 88045590 | 0 | 3081595720 000 | 308256408 1512 | 0 | 88045590 | 0 | 0 | 0 |
| App Client Application Profile- Client-01 | HTTP App 1 | 96352346 | 0 | 3372332110 000 | 337339198 5806 | 0 | 96352346 | 0 | 0 | 0 |

HTTP 3XX Statistics

| Profile - Network Segment | Application Attack | Responses Received 3xx | Responses Received 301 | Responses Received 302 | Responses Received 303 | Responses Received 307 | Responses Received Other 3xx |
|--|--------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------------------|
| App Client Application Profile- Client-08 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-07 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-06 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-05 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-04 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-03 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-02 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-01 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 |

HTTP 4XX Statistics

| Profile - Network Segment | Application Attack | Responses Received 4xx | Responses Received 400 | Responses Received 401 | Responses Received 403 | Responses Received 404 | Responses Received 407 | Responses Received 408 | Responses Received 412 | Responses Received 429 |
|--|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| App Client Application Profile- Client-08 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-07 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-06 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-05 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-04 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-03 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-02 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile- Client-01 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

HTTP 5XX Statistics

| Profile - Network Segment | Application Attack | Responses Received 5xx | Responses Received 502 | Responses Received 503 | Responses Received 504 | Responses Received 505 |
|--|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| App Client Application Profile-Client-08 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-07 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-06 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-05 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-04 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-03 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-02 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-01 | HTTP App 1 | 0 | 0 | 0 | 0 | 0 |

Server HTTP Statistics

Server HTTP Statistics

| Application Attack Type | Payload Bytes Received | Payload Bytes Sent | Requests Received | Responses Sent |
|-------------------------|------------------------|--------------------|-------------------|----------------|
| HTTP | 24675213479568 | 24682967166858 | 705006074 | 705006069 |

Server HTTP Response Statistics

| Application Attack Type | Responses Sent Successfully | Responses Sent Failed | Responses Sent Aborted | Responses Sent 404 | Responses Sent 503 |
|-------------------------|--------------------------------|-----------------------|---------------------------|--------------------|--------------------|
| НТТР | 705006069 | 5 | 5 | 0 | 0 |

Client HTTP Statistics per Action

HTTP General Statistics

| Profile - Network Segment | Application Attack | Action | Payload Bytes Received | Payload Bytes Sent | Responses Received 1xx | Responses Received 2xx | Responses Received 3xx | Responses Received 4xx | Responses Received 5xx |
|--|--------------------|-----------|------------------------------|-----------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| App Client Application Profile- Client-08 | HTTP App 1 | HTTP POST | 990341110 | 315108535 0000 | 0 | 45015505 | 0 | 0 | 0 |
| App Client Application Profile- Client-08 | HTTP App 1 | HTTP GET | 3151085140 000 | 0 | 0 | 45015502 | 0 | 0 | 0 |
| App Client Application Profile- Client-07 | HTTP App 1 | HTTP POST | 940179262 | 299147947 0000 | 0 | 42735421 | 0 | 0 | 0 |
| App Client Application Profile- Client-07 | HTTP App 1 | HTTP GET | 2991479330 000 | 0 | 0 | 42735419 | 0 | 0 | 0 |
| App Client Application Profile- Client-06 | HTTP App 1 | HTTP POST | 900277642 | 286451977 0000 | 0 | 40921711 | 0 | 0 | 0 |
| App Client Application Profile- Client-06 | HTTP App 1 | HTTP GET | 2864519490 000 | 0 | 0 | 40921707 | 0 | 0 | 0 |
| App Client Application Profile- Client-05 | HTTP App 1 | HTTP POST | 1020592078 | 324733843 0000 | 0 | 46390549 | 0 | 0 | 0 |
| App Client Application Profile- Client-05 | HTTP App 1 | HTTP GET | 3247338430 000 | 0 | 0 | 46390549 | 0 | 0 | 0 |
| App Client Application Profile- Client-04 | HTTP App 1 | HTTP POST | 1007367020 | 320525870 0000 | 0 | 45789410 | 0 | 0 | 0 |
| App Client Application Profile- Client-04 | HTTP App 1 | HTTP GET | 3205258560 000 | 0 | 0 | 45789408 | 0 | 0 | 0 |
| App Client Application Profile- Client-03 | HTTP App 1 | HTTP POST | 867931768 | 276160318 0000 | 0 | 39451444 | 0 | 0 | 0 |
| App Client Application Profile- Client-03 | HTTP App 1 | HTTP GET | 2761602643 070 | 0 | 0 | 39451483 | 0 | 0 | 0 |
| App Client Application Profile- Client-02 | HTTP App 1 | HTTP POST | 968501512 | 308159572 0000 | 0 | 44022796 | 0 | 0 | 0 |
| App Client Application Profile- Client-02 | HTTP App 1 | HTTP GET | 3081595580 000 | 0 | 0 | 44022794 | 0 | 0 | 0 |
| App Client Application Profile- Client-01 | HTTP App 1 | HTTP POST | 1059875806 | 337233211 0000 | 0 | 48176173 | 0 | 0 | 0 |
| App Client Application Profile- Client-01 | HTTP App 1 | HTTP GET | 3372332110 000 | 0 | 0 | 48176173 | 0 | 0 | 0 |

| Profile - Network Segment | Application Attack | Action | Responses Received 4xx | | Responses Received 401 | | Responses Received 404 |
|--|--------------------|-----------|------------------------------|---|------------------------------|---|------------------------------|
| App Client Application Profile-Client-08 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |

| Profile - Network Segment | Application Attack | Action | Responses Received 4xx | Responses Received 400 | Responses Received 401 | Responses Received 403 | Responses Received 404 |
|--|--------------------|-----------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| App Client Application Profile-Client-08 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-07 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-07 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-06 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-06 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-05 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-05 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-04 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-04 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-03 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-03 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-02 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-02 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-01 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-01 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 | 0 |

| Profile - Network Segment | Application Attack | Action | Responses Received 5xx | Responses Received 504 | Responses Received 503 | Responses Received 502 |
|--|--------------------|-----------|---------------------------|------------------------------|------------------------------|---------------------------|
| App Client Application Profile-Client-08 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-08 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-07 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-07 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 |

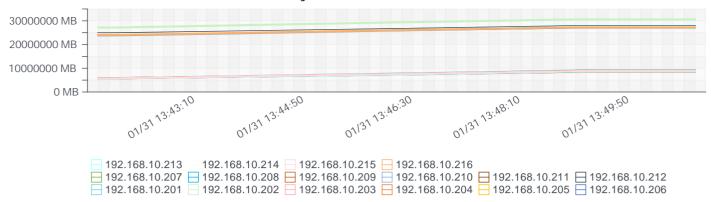
| Profile - Network Segment | Application Attack | Action | Responses Received 5xx | Responses Received 504 | Responses Received 503 | Responses Received 502 |
|--|--------------------|-----------|---------------------------|------------------------------|------------------------------|---------------------------|
| App Client Application Profile-Client-06 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-06 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-05 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-05 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-04 | НТТР Арр 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-04 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-03 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-03 | НТТР Арр 1 | HTTP GET | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-02 | НТТР Арр 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-02 | HTTP App 1 | HTTP GET | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-01 | HTTP App 1 | HTTP POST | 0 | 0 | 0 | 0 |
| App Client Application Profile-Client-01 | НТТР Арр 1 | HTTP GET | 0 | 0 | 0 | 0 |

Agent Resource Metrics

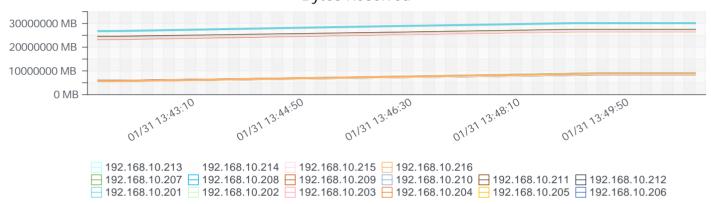




Bytes Transmitted



Bytes Received



CPU Statistics

| Agent | CPU Usage | Max CPU Core Usage |
|----------------|-----------|--------------------|
| 192.168.10.216 | 0.04 % | 0.6 % |
| 192.168.10.215 | 7.28 % | 7.97 % |
| 192.168.10.214 | 0.06 % | 0.3 % |
| 192.168.10.213 | 6.44 % | 7.46 % |
| 192.168.10.212 | 0.07 % | 0.5 % |
| 192.168.10.211 | 7.06 % | 7.74 % |
| 192.168.10.210 | 0.03 % | 0.3 % |
| 192.168.10.209 | 7.21 % | 7.87 % |
| 192.168.10.208 | 0.05 % | 0.4 % |
| 192.168.10.207 | 6.91 % | 7.78 % |
| 192.168.10.206 | 0.05 % | 0.4 % |
| 192.168.10.205 | 7.24 % | 8.13 % |
| 192.168.10.204 | 0.05 % | 0.4 % |
| 192.168.10.203 | 6.54 % | 7.39 % |
| 192.168.10.202 | 0.06 % | 0.3 % |
| 192.168.10.201 | 6.67 % | 7.68 % |

Memory Statistics

| Agent | Memory Available | Memory Total |
|----------------|------------------|--------------|
| 192.168.10.216 | 24771.43 MB | 48272.2 MB |
| 192.168.10.215 | 21789.35 MB | 48272.2 MB |
| 192.168.10.214 | 24799.13 MB | 48272.2 MB |
| 192.168.10.213 | 21793.29 MB | 48272.2 MB |
| 192.168.10.212 | 24807.93 MB | 48272.2 MB |
| 192.168.10.211 | 21793.09 MB | 48272.2 MB |
| 192.168.10.210 | 24782.19 MB | 48272.2 MB |
| 192.168.10.209 | 21807.61 MB | 48272.2 MB |
| 192.168.10.208 | 24816.63 MB | 48272.2 MB |
| 192.168.10.207 | 21788.81 MB | 48272.2 MB |
| 192.168.10.206 | 24799.53 MB | 48272.2 MB |
| 192.168.10.205 | 21837 MB | 48272.2 MB |
| 192.168.10.204 | 24791.88 MB | 48272.2 MB |
| 192.168.10.203 | 21803.52 MB | 48272.2 MB |
| 192.168.10.202 | 24762.76 MB | 48272.2 MB |
| 192.168.10.201 | 21781.5 MB | 48272.2 MB |

Http

Client Application Statistics

| Action | Started | Succeeded | Failed | Skipped |
|-----------|-----------|-----------|--------|---------|
| HTTP POST | 352503050 | 352503009 | 41 | 0 |
| HTTP GET | 352503066 | 352503005 | 61 | 0 |

Server Application Statistics

| Action | Succeeded | Failed |
|-----------|-----------|--------|
| HTTP POST | 352503039 | 0 |
| HTTP GET | 352503035 | 0 |