

CyPerf Test Report 2_Bottleneck_bandwidth

Start Time: 01/22 18:35:58 Duration: 0 day(s) 0:2:16

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Test Parameters



App Mix

| | Name | Weight | |
|----|----------|--------|-------|
| 1. | НТТР Арр | 1 | 100 % |

| | | Name | Network Endpoint | Network Tags |
|----|----------|----------|------------------|--------------|
| 1. | 1 | HTTP App | Client | Client |
| | птте Арр | Server | Server | |

Objectives & Timeline

Primary Objective

Objective Type
Throughput

Primary Objective Timeline

Steady segment 100 Gbps for 120 seconds

Secondary Objective

Advanced Settings

| Warm Up Period | Optimization Mode | Connections Graceful Stop Timeout |
|----------------|--------------------|-----------------------------------|
| 0 | Balanced (default) | 120 |

IP Network 1

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 |
|-----------|--------------|-------|---------------------|
| 10.0.0.30 | 0.0.0.1 | 1 | 1 |

MSS (bytes) 8972

Network Properties

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

Assigned agents

| By Port | |
|---------------|-------------|
| By IP Address | 10.39.47.97 |
| 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 |
|-----------|--------------|-------|---------------------|
| 10.0.0.40 | 0.0.0.1 | 1 | 1 |

MSS (bytes) 8972

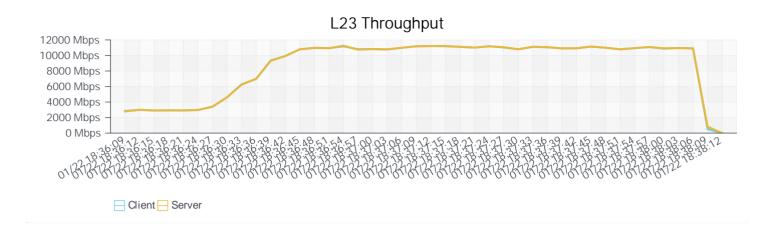
Network Properties

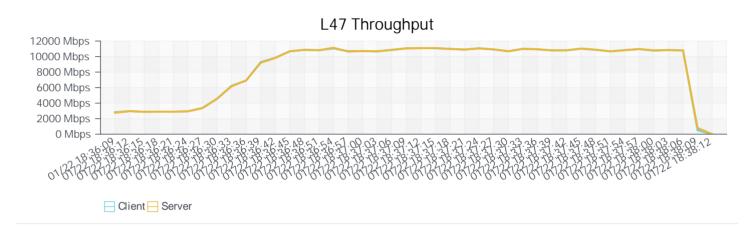
| Network Tags | Server |
|----------------|--------|
| Minimum Agents | 1 |

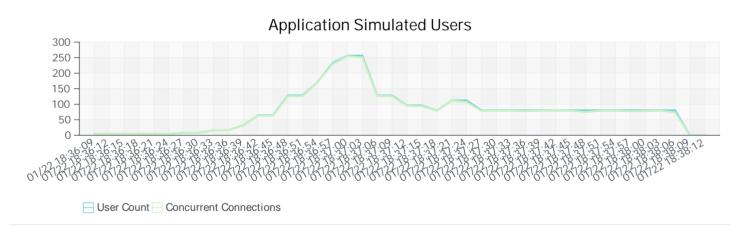
Assigned agents

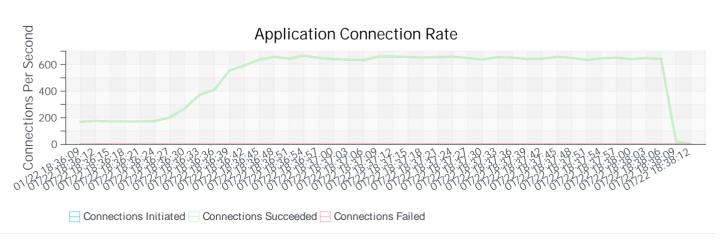
| By Port | |
|---------------|-------------|
| By IP Address | 10.39.47.53 |
| By Agent Tag | |

Summary

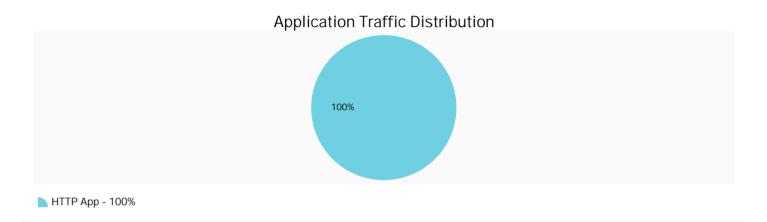


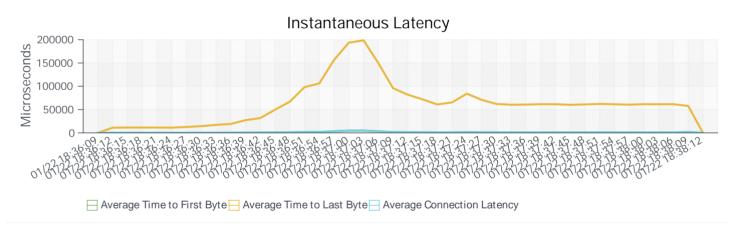


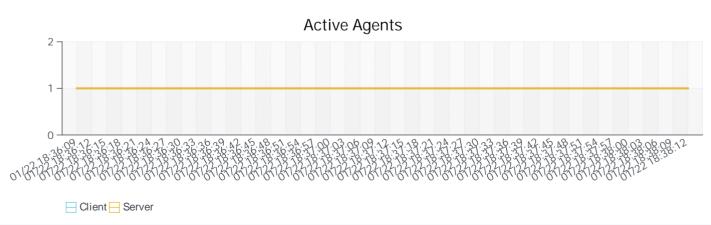




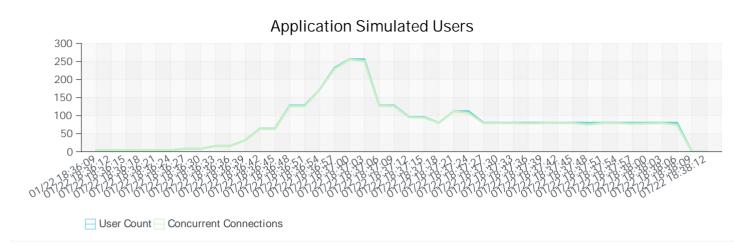


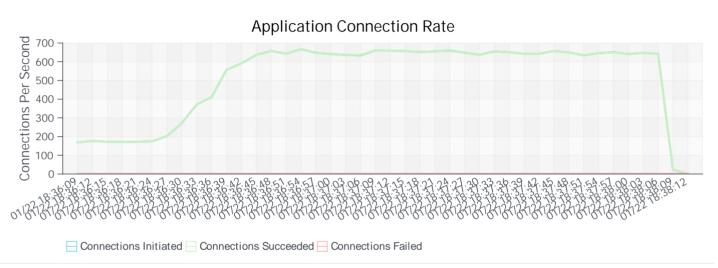


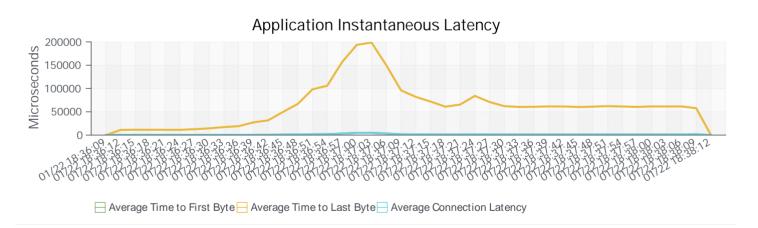




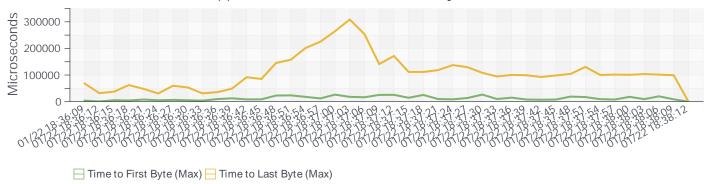
Client Application Profile



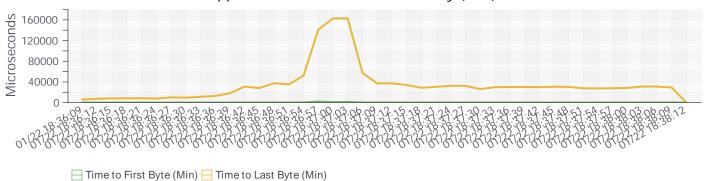




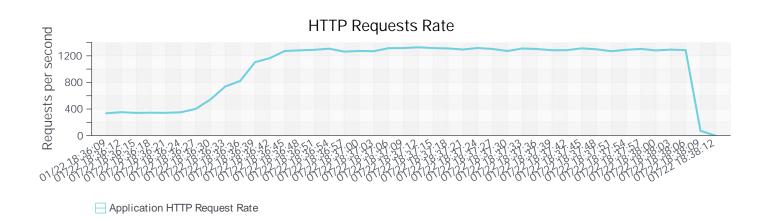
Application Instantaneous Latency (Max)



Application Instantaneous Latency (Min)







Client Application Statistics

| Profile | Application | Bytes sent | Bytes received |
|--|-------------|------------|----------------|
| App Client Application Profile-IP Network 1 | НТТР Арр | 40791493 | 136044288101 |

| Profile | Application | Connections Initiated | Connections Succeeded | Connections Failed | Connections Aborted |
|--|-------------|--------------------------|--------------------------|-----------------------|------------------------|
| App Client Application Profile-IP Network 1 | НТТР Арр | 64925 | 64925 | 0 | 0 |

| Profile | Application | Applications Initiated | Applications Succeeded | Applications Failed | Actions Timed Out |
|---|-------------|---------------------------|---------------------------|------------------------|----------------------|
| App Client Application Profile-IP Network 1 | НТТР Арр | 129707 | 129707 | 0 | 0 |

Server Statistics

Application & Attack Statistics

| Application & Attack | Bytes sent | Bytes received | Connections received | Strikes Allowed | Strikes Initiated |
|----------------------|--------------|----------------|----------------------|-----------------|-------------------|
| HTTP | 136044288101 | 40791493 | 64925 | 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-IP Network 1 | 64925 | 0 | 0 | 64925 | 0 | 0 | 64925 | 0 |

| Profile | FIN Sent | FIN Received | FIN-ACK Sent | FIN-ACK Received | RST Sent | RST Received |
|---|----------|--------------|--------------|------------------|----------|--------------|
| App Client Application Profile-IP Network 1 | 64925 | 64782 | 0 | 143 | 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-IP Network 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Server TCP Statistics

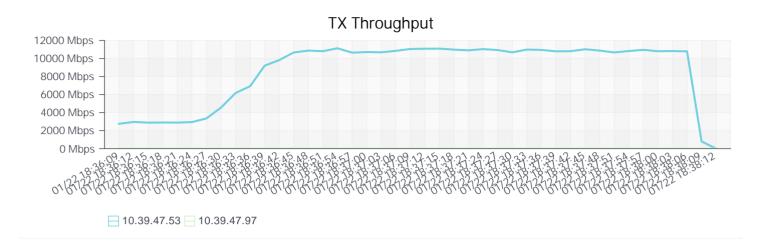
| Port | SYN ACK Sent | SYN Received | SYN ACK Failed | Connections Established | Connection Initiation Failed |
|------|--------------|--------------|----------------|----------------------------|------------------------------|
| 80 | 64925 | 64925 | 0 | 64925 | 0 |

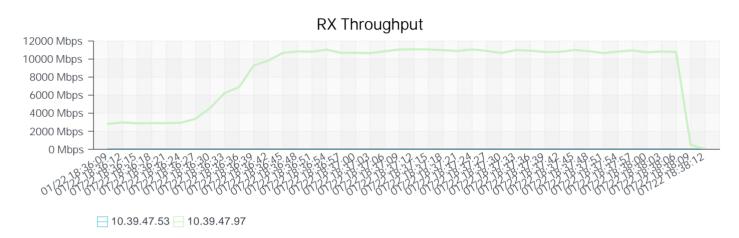
| Port | FIN ACK Sent | FIN Received | FIN Sent | FIN ACK Received | RST Sent | RST Received |
|------|--------------|--------------|----------|------------------|----------|--------------|
| 80 | 143 | 64925 | 64782 | 0 | 0 | 0 |

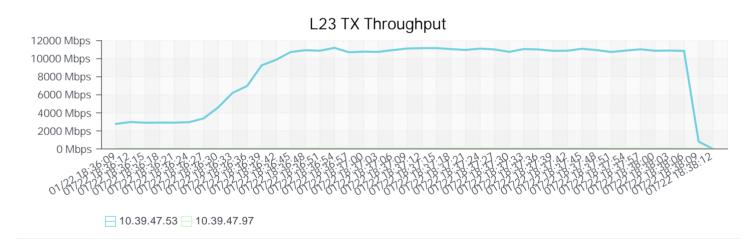
Server TCP Retransmissions Statistics

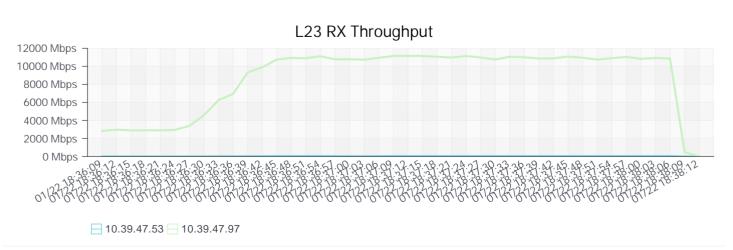
| Port | SYN ACK Retransmitted | SYN ACK Retransmissions Aborted | Data Retransmitted | Data Retransmissions Aborted |
|------|-----------------------|------------------------------------|--------------------|---------------------------------|
| 80 | 0 | 0 | 0 | 0 |

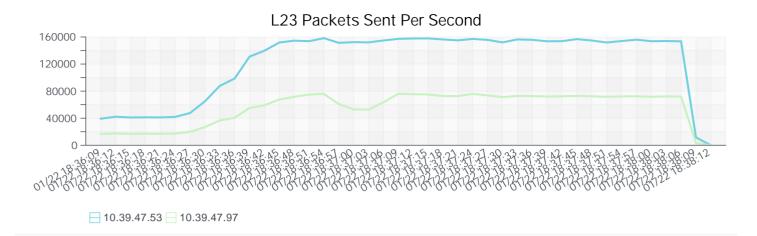
Agent Traffic Statistics

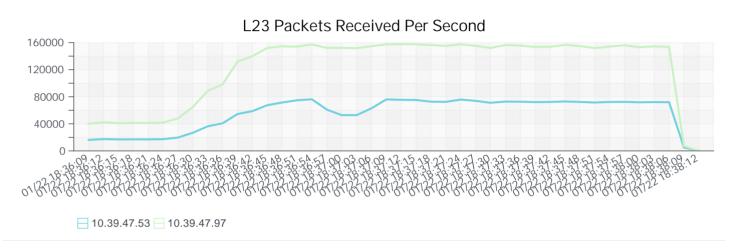


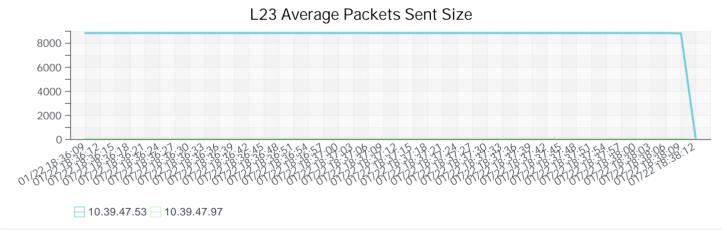


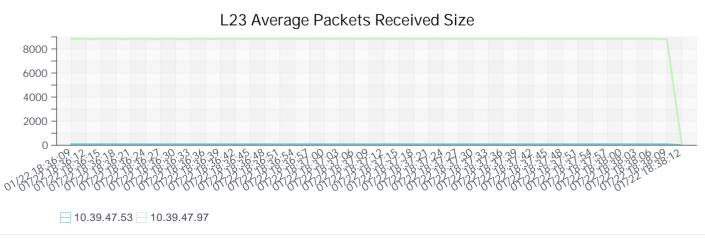












Traffic Statistics

| Agent | Bytes Sent | Bytes Received | Connections Initiated | Connections Received | Connections Succeeded |
|-------------|--------------|----------------|--------------------------|-------------------------|--------------------------|
| 10.39.47.97 | 40791493 | 136044288101 | 64925 | 0 | 64925 |
| 10.39.47.53 | 136044288101 | 40791493 | 0 | 64925 | 0 |

Client Application Statistics

| Agent | Profile - Network Segment | Applications Initiated | Applications Succeeded | Applications Failed |
|-------------|--|---------------------------|---------------------------|------------------------|
| 10.39.47.97 | App Client Application Profile-IP Network 1 | 129707 | 129707 | 0 |

L23 Statistics

| Agent | Interface | Bytes Sent | Bytes Received | Packets Sent | Packets Received |
|-------------|-----------|------------------------|-------------------------|--------------------------------|----------------------------------|
| 10.39.47.97 | ens192 | 529887641 | 137012631529 | 6983378 | 15500069 |
| 10.39.47.53 | ens192 | 137129551989 | 529889337 | 15500060 | 6983387 |
| Agent | Interface | Egress Dropped Packets | Ingress Dropped Packets | NIC Ingress Dropped Packets | Agent Ingress Dropped Packets |
| 10.39.47.97 | ens192 | 0 | 0 | 0 | 0 |
| 10.39.47.53 | ens192 | 0 | 0 | 0 | 0 |

ARP Statistics

| Agent | Interface | ARP Requests Sent | ARP Requests Received | ARP Response Sent | ARP Response Received |
|-------------|-----------|-------------------|--------------------------|-------------------|--------------------------|
| 10.39.47.97 | ens192 | 2 | 0 | 0 | 2 |
| 10.39.47.53 | ens192 | 0 | 2 | 2 | 0 |

Client DNS Statistics

| Agent | Query Sent | Query Refused | Query Aborted | Query Timed Out | Name Resolved | Server Failure | Served From Cache |
|-------------|------------|------------------|------------------|--------------------|------------------|----------------|-------------------|
| 10.39.47.97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10.39.47.53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Client Aggregated HTTP Statistics

HTTP General Statistics

| Profile - Network Segment | Application Attack | Requests Sent | Requests Completed | Premature Responses Received | Payload Bytes Sent | Payload Bytes Received | Recv 1xx Informationa | Responses Recv 2xx Successful | Responses Recv 3xx Redirection | Responses Recv 4xx Client Error | Responses Recv 5xx Server Error |
|--|-----------------------|---------------|-----------------------|------------------------------------|-----------------------|---------------------------|--------------------------|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| App Client Application Profile-IP Network 1 | НТТР Арр | 129707 | 129707 | 0 | 0 | 13600764723 2 | 0 | 129707 | 0 | 0 | 0 |

HTTP 3XX Redirection Statistics

| Profile - Network Segment | Application Attack | Responses Recv 3xx Redirection | Responses Recv 301 Moved Permanently | Responses Recv 302 Found | Responses Recv 303 See Other | Responses Recv 307 Temporary Redirect | Responses Recv Other 3xx Redirection |
|---|--------------------|-----------------------------------|--|-----------------------------|---------------------------------|---|--|
| App Client Application Profile- IP Network 1 | НТТР Арр | 0 | 0 | 0 | 0 | 0 | 0 |

HTTP 4XX Client Error Statistics

| Profile - Network Segment | Application Attack | Responses Recv 4xx Client Error | Responses Recv 400 Bad Request | Recv 401 | | Recv 404 | Responses Recv 407 Proxy Authentication Required | | Responses Recv 412 Precondition Failed | Responses Recv 429 Too Many Requests |
|---|--------------------|---------------------------------------|---|----------|---|----------|---|---|---|---|
| App Client Application Profile- IP Network 1 | НТТР Арр | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

HTTP 5XX Server Error Statistics

| Profile - Network Segment | Application Attack | Responses Recv 5xx Server Error | | Responses Recv 503 Service Unavailable | the state of the s | Responses Recv 505 HTTP Version Not Supported |
|---|--------------------|---------------------------------------|---|---|--|--|
| App Client Application Profile-IP Network 1 | НТТР Арр | 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 | 0 | 136007647232 | 129707 | 129707 |

Server HTTP Response Statistics

| Application Attack Type | Responses Sent Successfully | Responses Sent Failed | Responses Sent Aborted | Responses Sent 404 Not Found | Responses Sent 503 Service Unavailable |
|-------------------------|--------------------------------|-----------------------|---------------------------|---------------------------------|---|
| НТТР | 129707 | 0 | 0 | 0 | 0 |

Client HTTP Statistics per Action

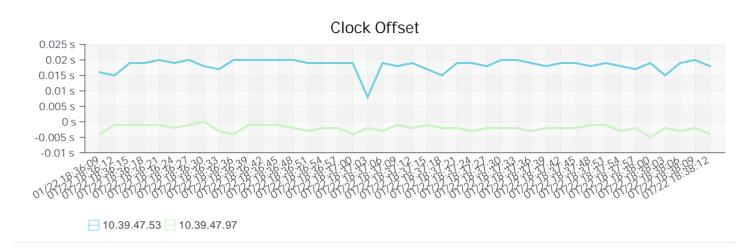
HTTP General Statistics

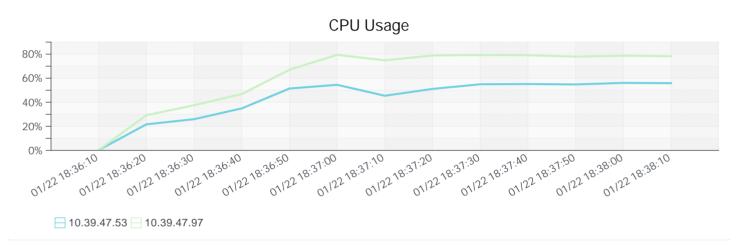
| Profile - Network Segment | Application Attack | Action | Payload Bytes Received | Payload Bytes Sent | | Recv 2xx | Responses Recv 3xx Redirection | Recv 4xx | Responses Recv 5xx Server Error |
|---|--------------------|----------|------------------------------|-----------------------|---|----------|--------------------------------------|----------|---------------------------------------|
| App Client Application Profile-IP Network 1 | НТТР Арр | HTTP GET | 136007647 232 | 0 | 0 | 129707 | 0 | 0 | 0 |

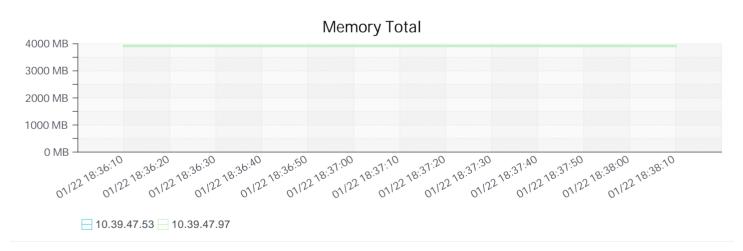
| Profile - Network Segment | Application Attack | Action | Responses Recv 4xx Client Error | Responses Recv 400 Bad Request | Recv 401 | Recv 403 | Recv 404 |
|--|--------------------|----------|---------------------------------------|---|----------|----------|----------|
| App Client Application Profile-IP Network 1 | НТТР Арр | HTTP GET | 0 | 0 | 0 | 0 | 0 |

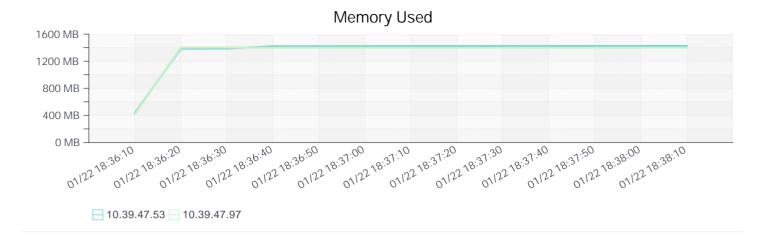
| Profile - Network Segment | Application Attack | Action | Responses Recv 5xx Server Error | | Responses Recv 503 Service Unavailable | Responses Recv 502 Bad Gateway |
|---|--------------------|----------|---------------------------------------|---|---|--------------------------------------|
| App Client Application Profile-IP Network 1 | НТТР Арр | HTTP GET | 0 | 0 | 0 | 0 |

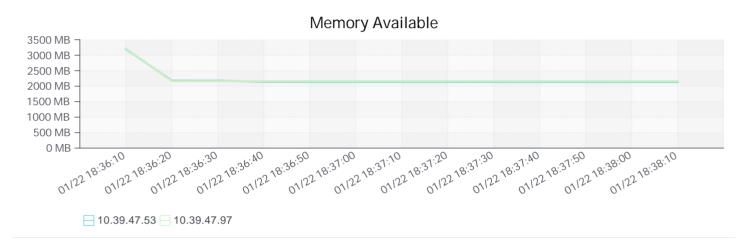
Agent Resource Metrics

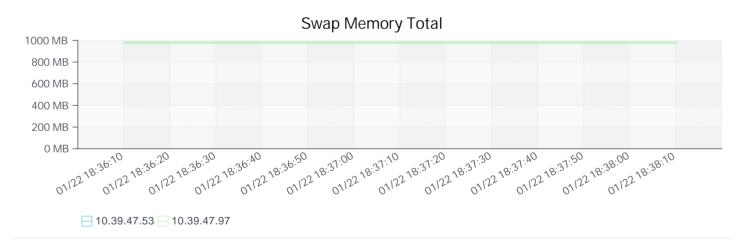


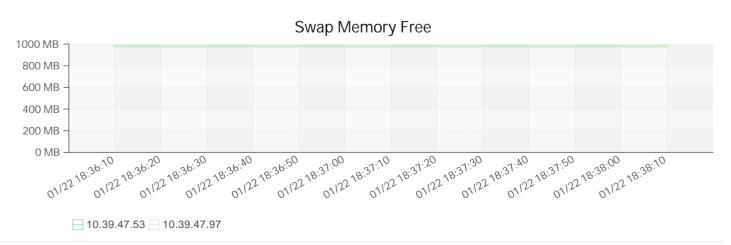


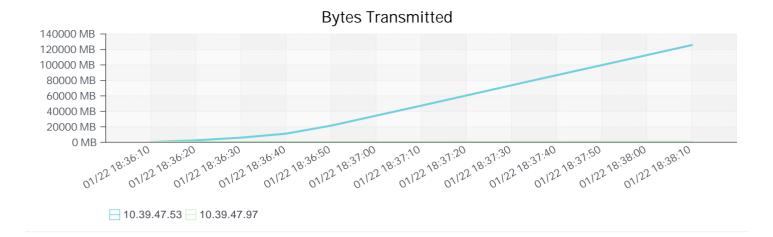


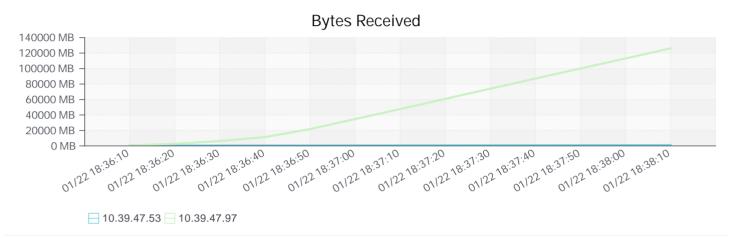












CPU Statistics

| Agent | CPU Usage | Max CPU Core Usage |
|-------------|-----------|--------------------|
| 10.39.47.97 | 78.28 % | 78.82 % |
| 10.39.47.53 | 55.89 % | 56.32 % |

Memory Statistics

| Agent | Memory Available | Memory Total |
|-------------|------------------|--------------|
| 10.39.47.97 | 2162.38 MB | 3919.48 MB |
| 10.39.47.53 | 2140.44 MB | 3919.48 MB |

Http

Client Application Statistics

| Action | Started | Succeeded | Failed | Skipped |
|----------|---------|-----------|--------|---------|
| HTTP GET | 129707 | 129707 | 0 | 0 |

Server Application Statistics

| Action | Succeeded | Failed |
|----------|-----------|--------|
| HTTP GET | 129707 | 0 |