

# CyPerf Test Report 2\_Bottleneck\_bandwidth

Start Time: 01/22 18:27:20 Duration: 0 day(s) 0:2:15

## **Table of Contents**

Test Parameters

<u>Summary</u>

**Client Application Profile** 

**Server Statistics** 

**TCP Statistics** 

Agent Traffic Statistics

**Client Aggregated HTTP Statistics** 

Server HTTP Statistics

Client HTTP Statistics per Action

Agent Resource Metrics

Http

Please check the Bookmarks for subsections.

## **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

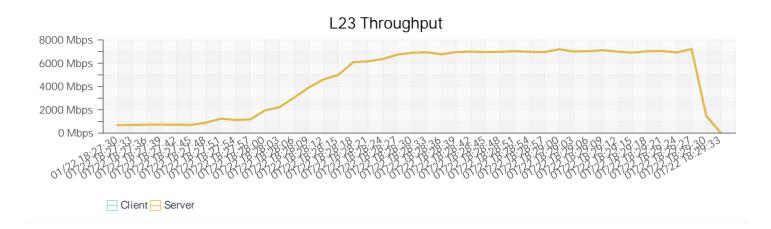
## **Network Properties**

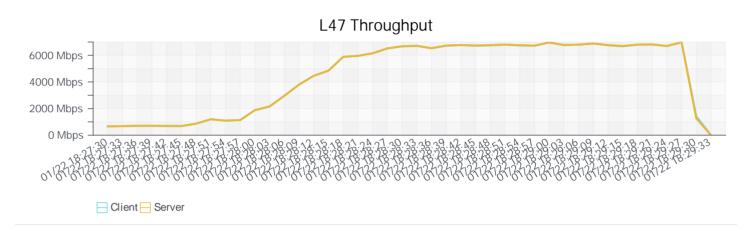
Network Tags	Server
Minimum Agents	1

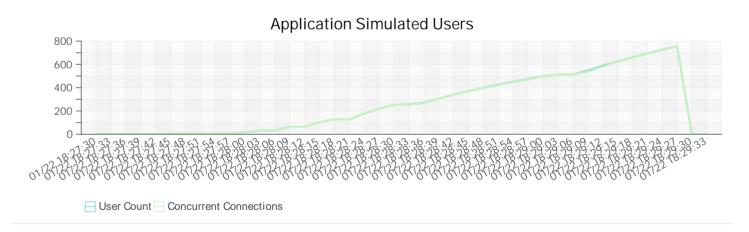
## Assigned agents

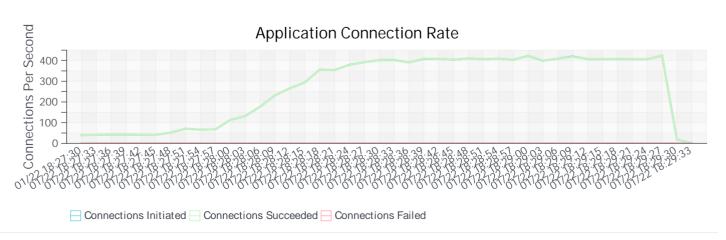
By Port	
By IP Address	10.39.47.53
By Agent Tag	

# Summary



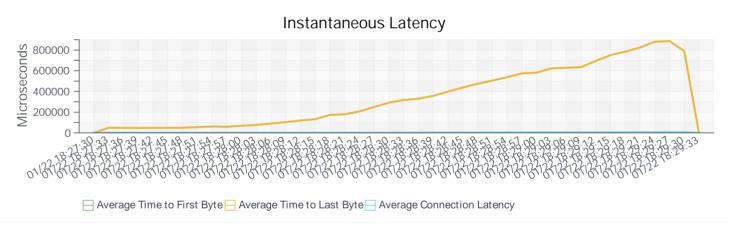


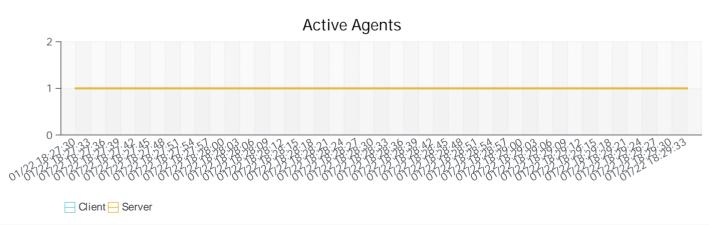




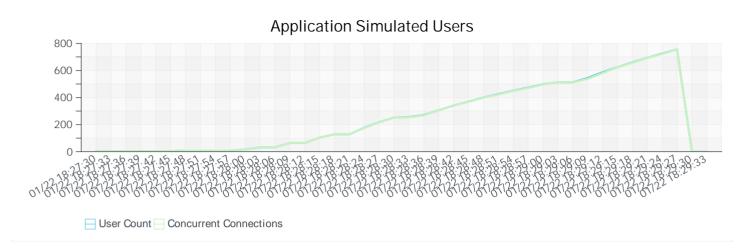


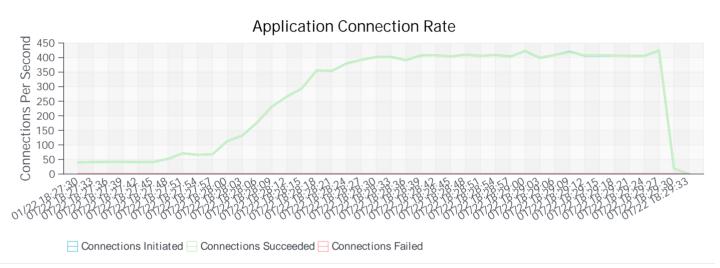


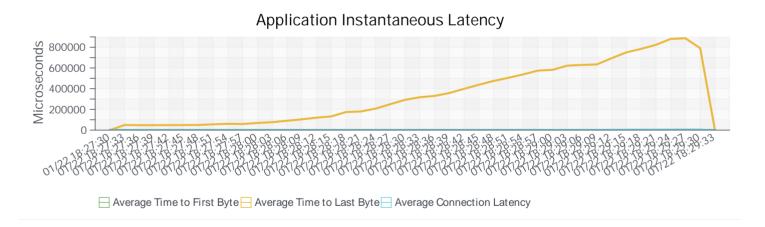




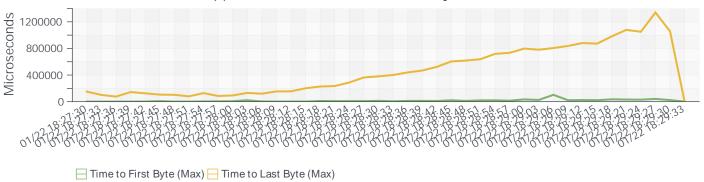
# Client Application Profile

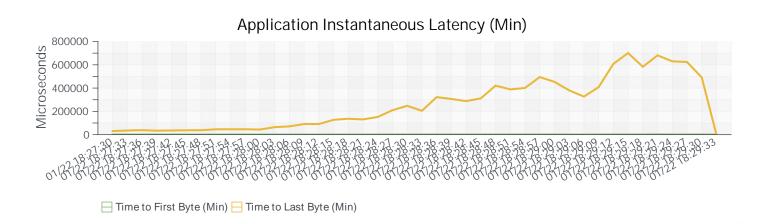


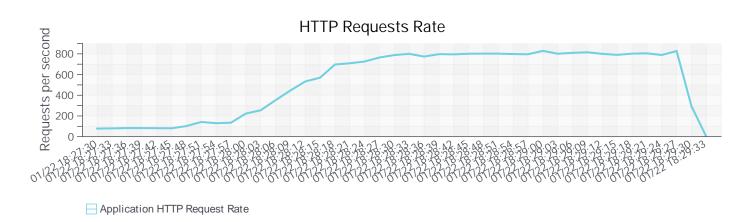












## **Client Application Statistics**

Profile	Application	Bytes sent	Bytes received
App Client Application Profile-IP Network 1	НТТР Арр	21351531	71219586219

Profile	Application	Connections Initiated	Connections Succeeded	Connections Failed	Connections Aborted
App Client Application Profile-IP Network 1	НТТР Арр	34143	34143	0	0

Profile	Application	Applications Initiated	Applications Succeeded	Applications Failed	Actions Timed Out	
App Client Application Profile-IP Network 1	НТТР Арр	67902	67902	0	0	

## **Server Statistics**

### Application & Attack Statistics

Application & Attack	Bytes sent	Bytes received	Connections received	Strikes Allowed	Strikes Initiated
HTTP	71219586219	21351531	34143	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	34143	0	0	34143	0	0	34143	0

Profile	FIN Sent	FIN Received	FIN-ACK Sent	FIN-ACK Received	RST Sent	RST Received
App Client Application Profile-IP Network 1	34143	33759	0	384	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	1	0	0	0

### Server TCP Statistics

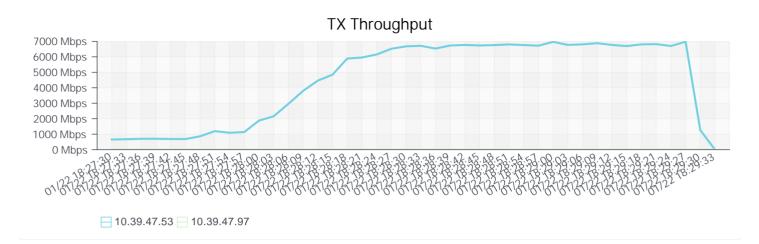
Port	SYN ACK Sent	SYN Received	SYN ACK Failed	Connections Established	Connection Initiation Failed
80	34143	34143	0	34143	0

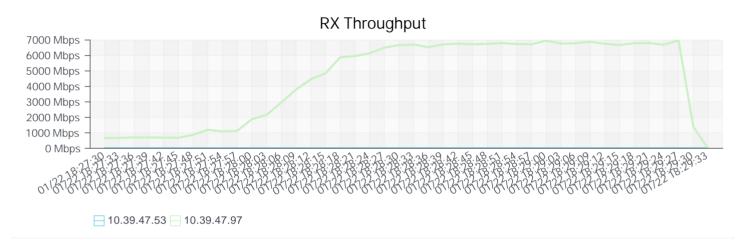
Port	FIN ACK Sent	FIN Received	FIN Sent	FIN ACK Received	RST Sent	RST Received
80	384	34143	33759	0	0	0

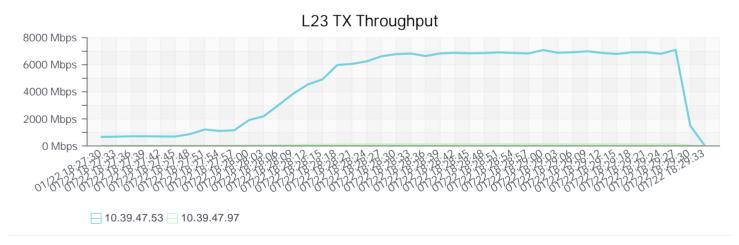
### Server TCP Retransmissions Statistics

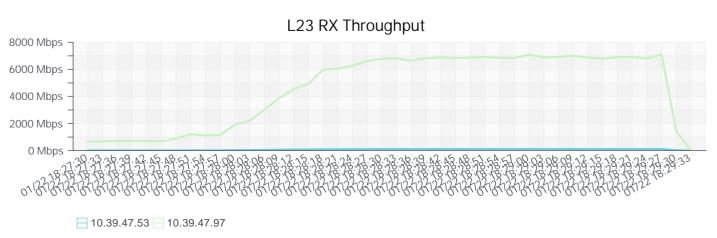
Port	SYN ACK Retransmitted	SYN ACK Retransmissions Aborted	Data Retransmitted	Data Retransmissions Aborted
80	0	0	199	0

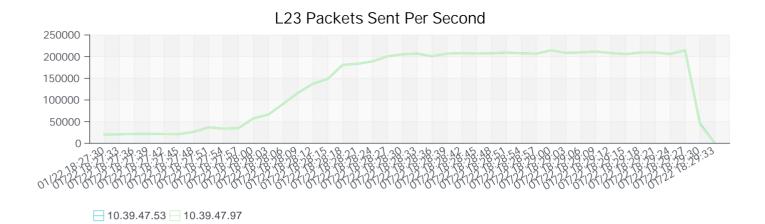
# Agent Traffic Statistics

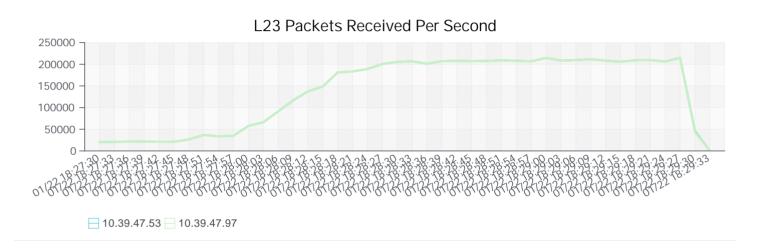


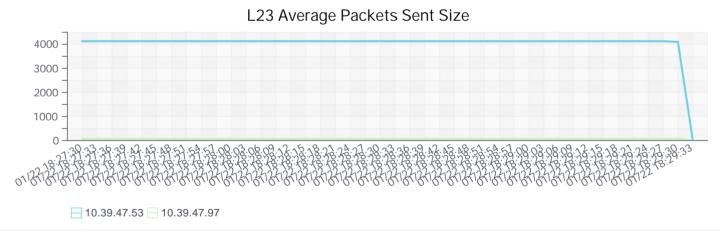


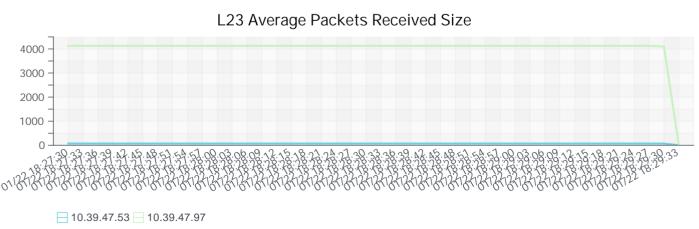












### Traffic Statistics

Agent	Bytes Sent	Bytes Received	Connections Initiated	Connections Received	Connections Succeeded
10.39.47.97	21351531	71219586219	34143	0	34143
10.39.47.53	71219586219	21351531	0	34143	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	67902	67902	0

### L23 Statistics

Agent	Interface	Bytes Sent	Bytes Received	Packets Sent	Packets Received
10.39.47.97	ens192	1250241675	72448434027	17553618	17552878
10.39.47.53	ens192	72449252153	1250244251	17553061	17553632
Agent	Interface	Egress Dropped Packets	Ingress Dropped Packets	NIC Ingress Dropped Packets	Agent Ingress Dropped Packets
10.39.47.97	ens192	0	197	0	197
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	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	67902	67902	0	0	71200407552	0	67902	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				Responses Recv 407 Proxy Authentication Required	Responses Recv 408 Request Timeout	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	71200407552	67902	67902

## 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	67902	0	0	0	0

# Client HTTP Statistics per Action

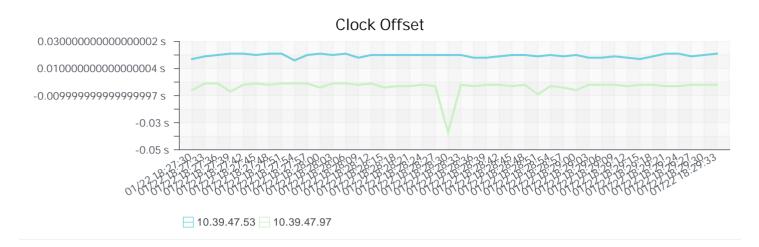
### HTTP General Statistics

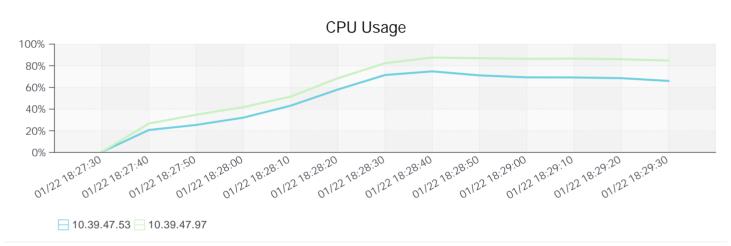
Profile - Network Segment	Application Attack	Action	Payload Bytes Received	Payload Bytes Sent	Responses Recv 1xx Informational	Responses Recv 2xx Successful	Responses Recv 3xx Redirection	Responses Recv 4xx Client Error	Responses Recv 5xx Server Error
App Client Application Profile-IP Network 1	НТТР Арр	HTTP GET	712004075 52	0	0	67902	0	0	0

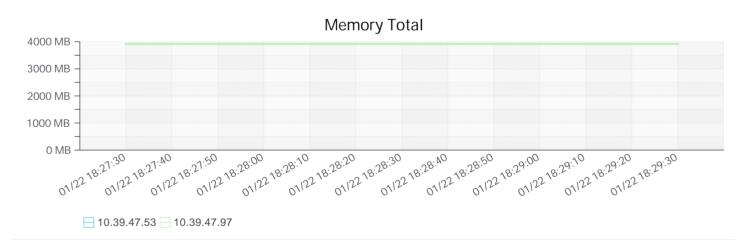
Profile - Network Segment	Application Attack	ACTION	Recv 4xx	Responses Recv 400 Bad Request	Recv 401	Recv 403	Responses Recv 404 Not Found
App Client Application Profile-IP Network 1	НТТР Арр	HTTP GET	0	0	0	0	0

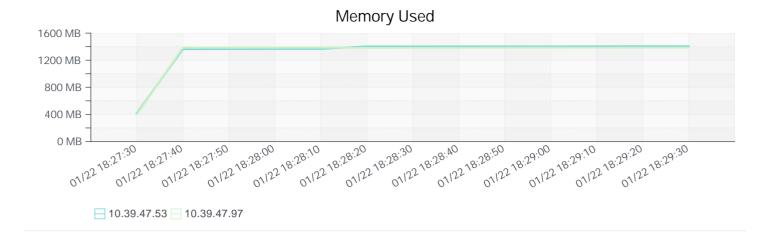
Profile - Network Segment	Application Attack	Action	Responses Recv 5xx Server Error		Responses Recv 503 Service Unavailable	Responses Recv 502 Bad Gateway
App Client Application Profile-IP Network 1	НТТР Арр	HTTP GET	0	0	0	0

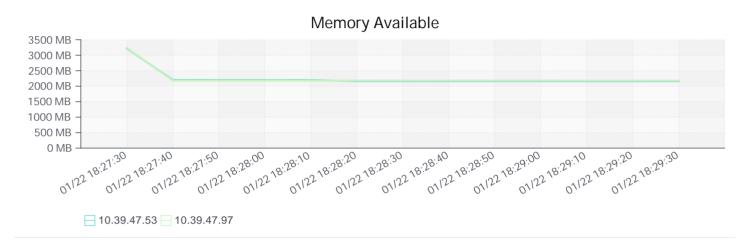
# **Agent Resource Metrics**

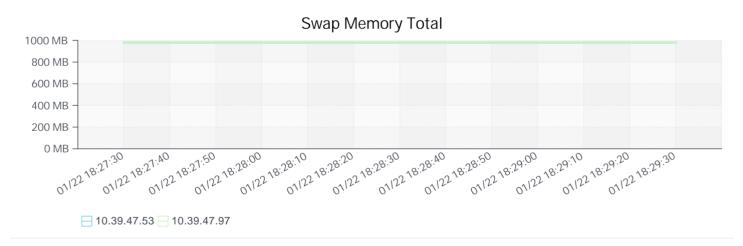


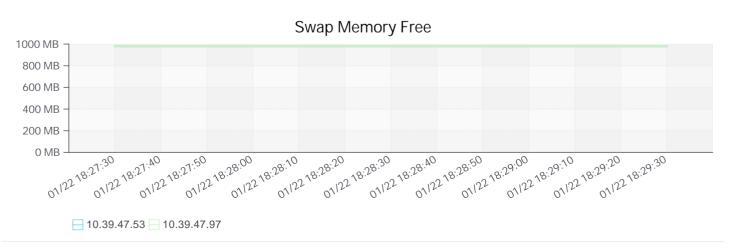


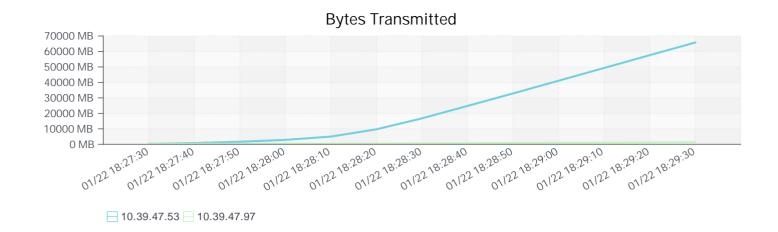


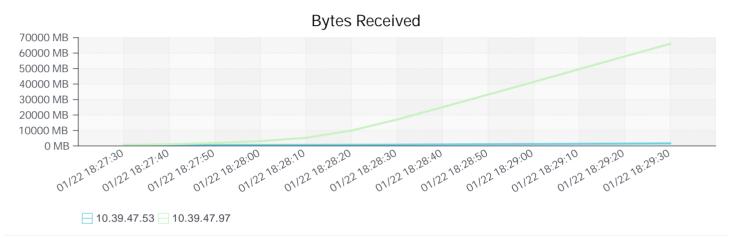












#### **CPU Statistics**

Agent	CPU Usage	Max CPU Core Usage
10.39.47.97	84.78 %	85.15 %
10.39.47.53	66.02 %	66.9 %

#### **Memory Statistics**

Agent	Memory Available	Memory Total
10.39.47.97	2176.16 MB	3919.48 MB
10.39.47.53	2161.26 MB	3919.48 MB

# Http

## **Client Application Statistics**

Action	Started	Succeeded	Failed	Skipped
HTTP GET	67902	67902	0	0

## Server Application Statistics

Action	Succeeded	Failed
HTTP GET	67902	0