



## CyPerf Test Report

### 2\_Bottleneck\_bandwidth

Start Time: 01/22 18:41:43  
Duration: 0 day(s) 0:2:15

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# Test Parameters

## Application Profile

### App Mix

	Name	Weight	
1.	HTTP App	1	100 %

	Name	Network Endpoint	Network Tags
1.	HTTP App	Client	Client
		Server	Server

### Objectives & Timeline

#### Primary Objective

Objective Type
Throughput

#### Primary Objective Timeline

Steady segment	100 Gbps for 120 seconds
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#### 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

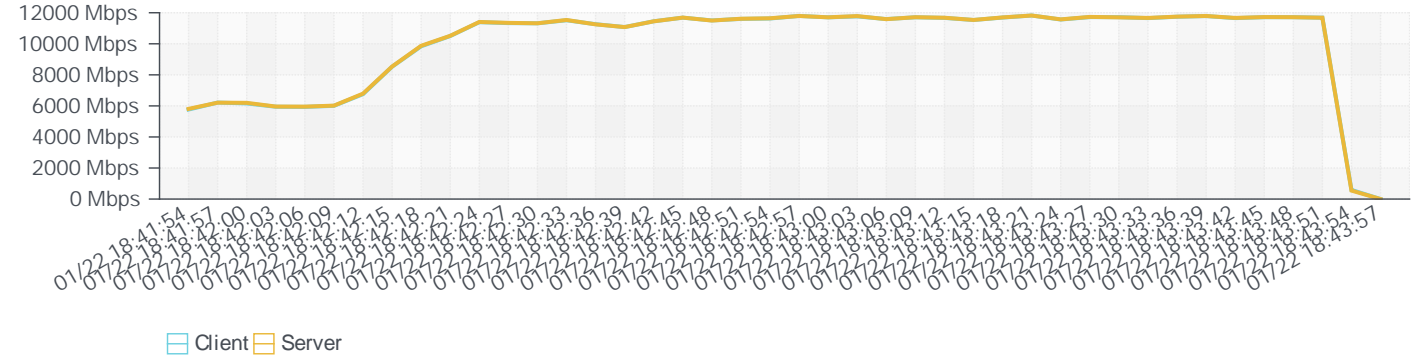
Network Tags	Server
Minimum Agents	1

Assigned agents

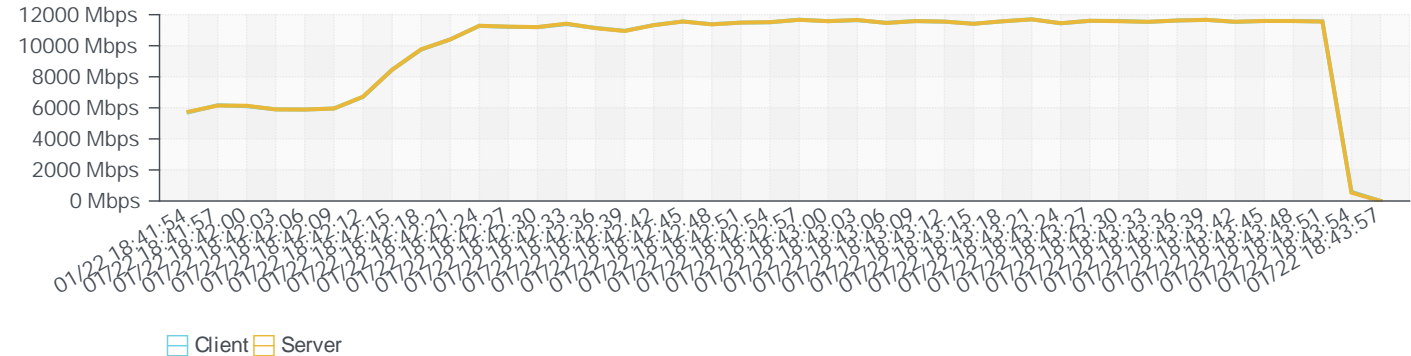
By Port	
By IP Address	10.39.47.53
By Agent Tag	

# Summary

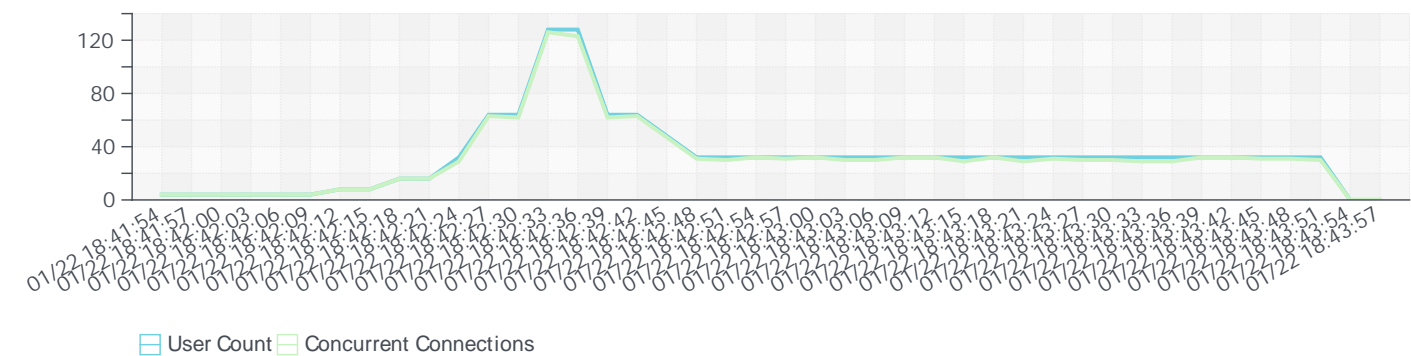
L23 Throughput



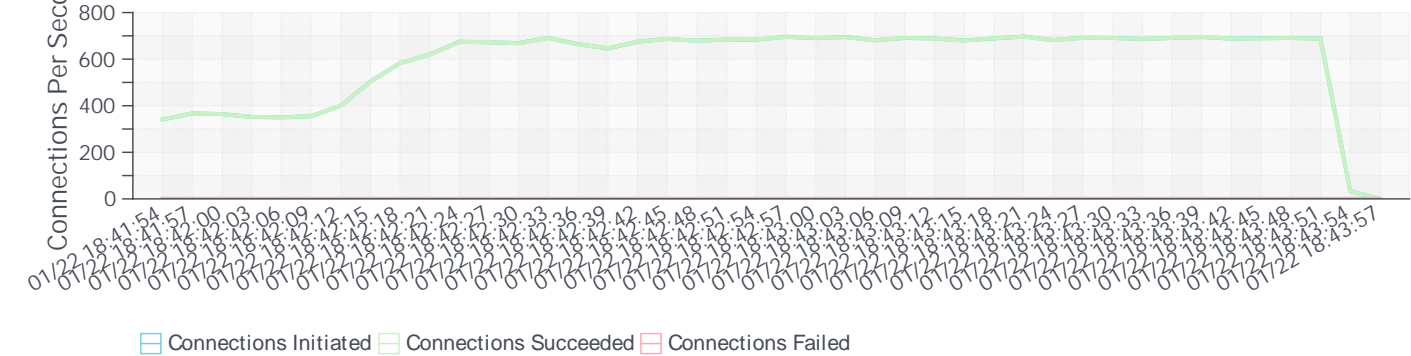
L47 Throughput



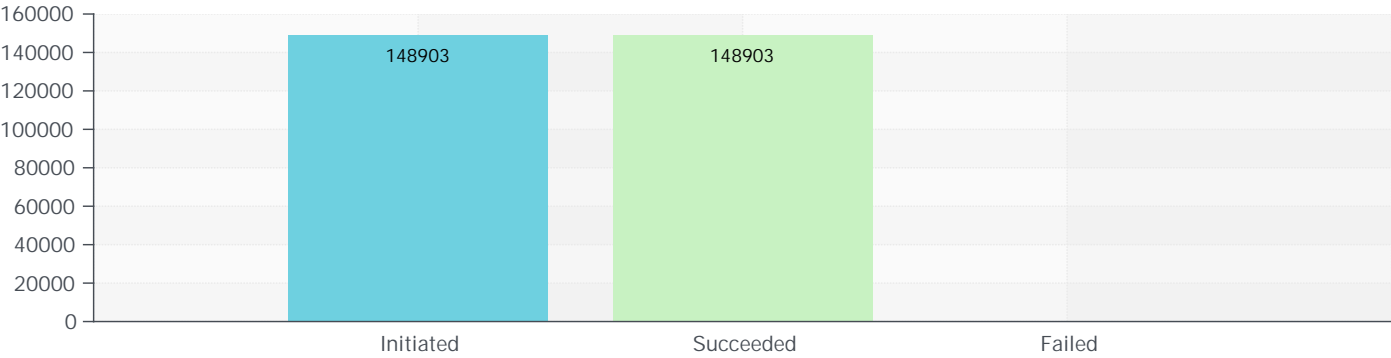
Application Simulated Users



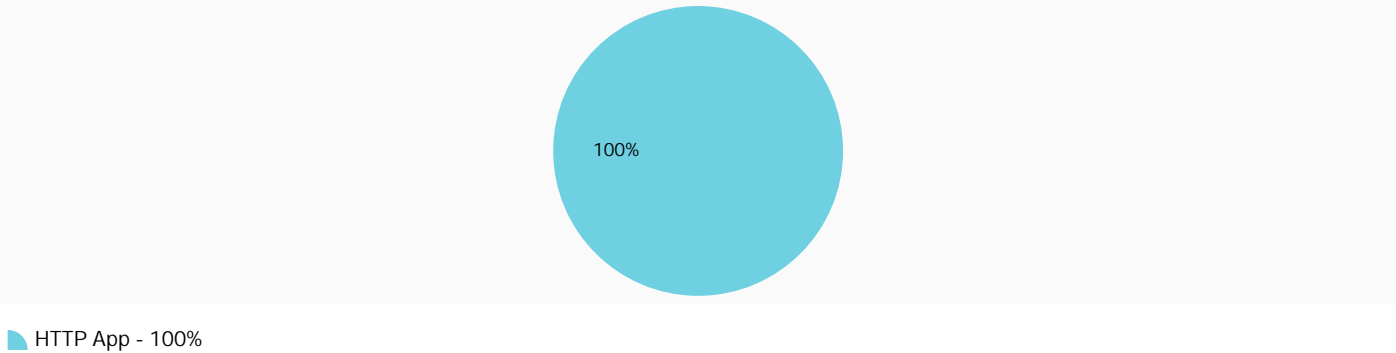
Application Connection Rate



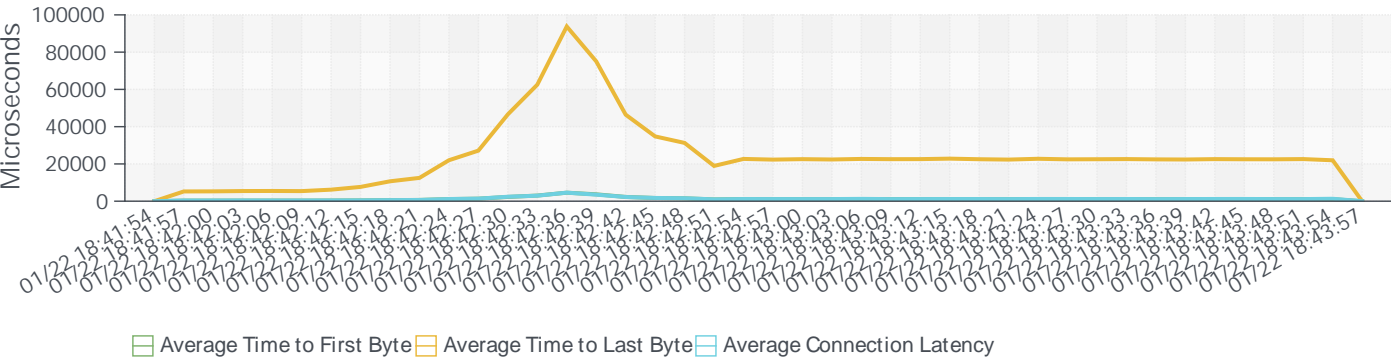
### Applications



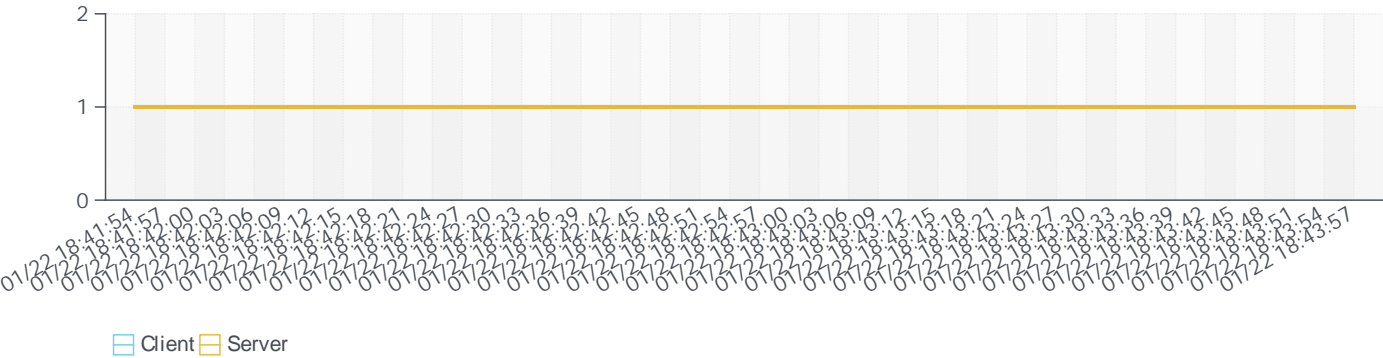
### Application Traffic Distribution



### Instantaneous Latency

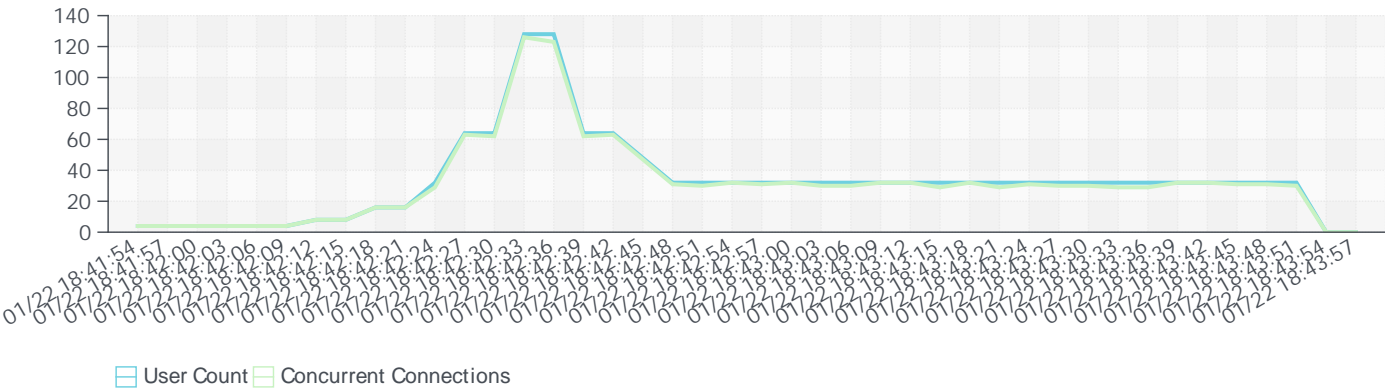


### Active Agents

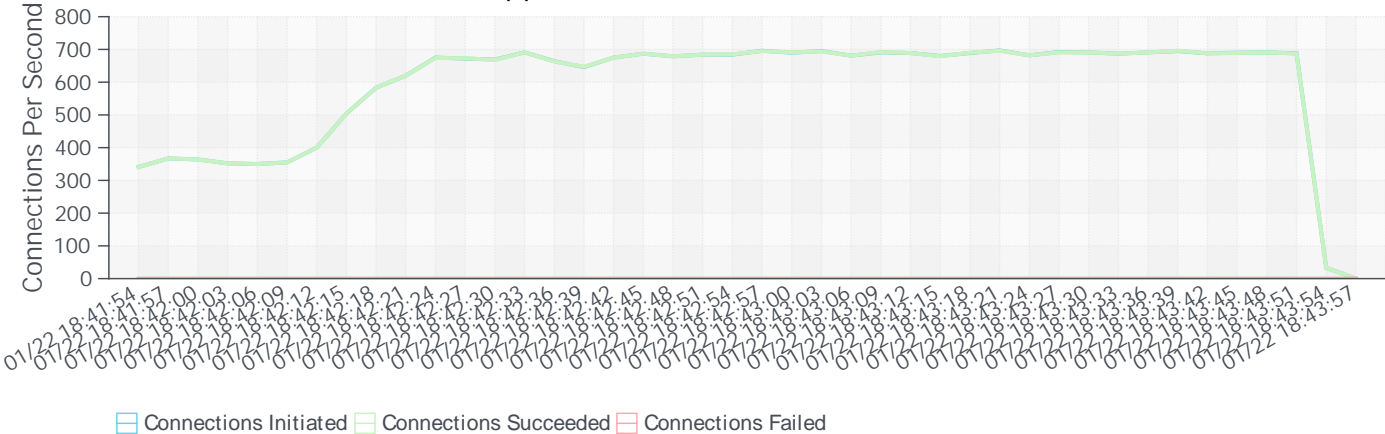


# Client Application Profile

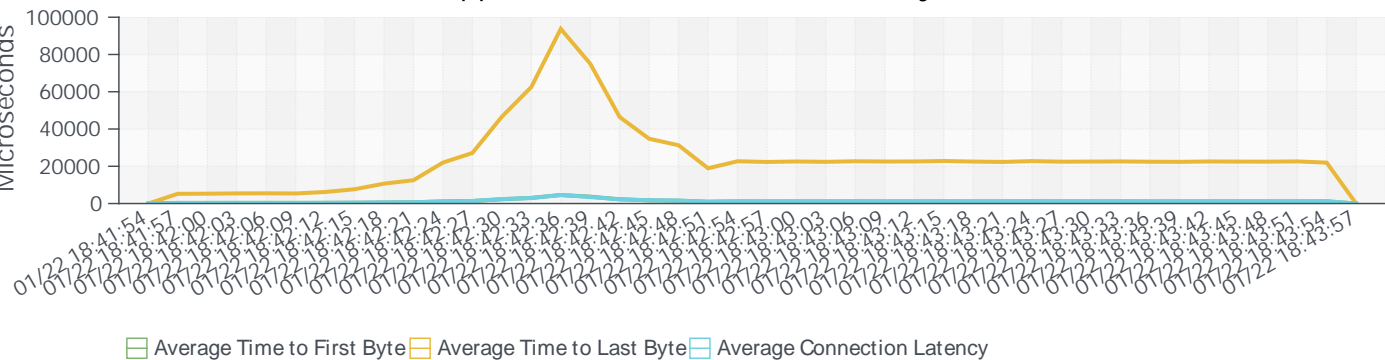
Application Simulated Users



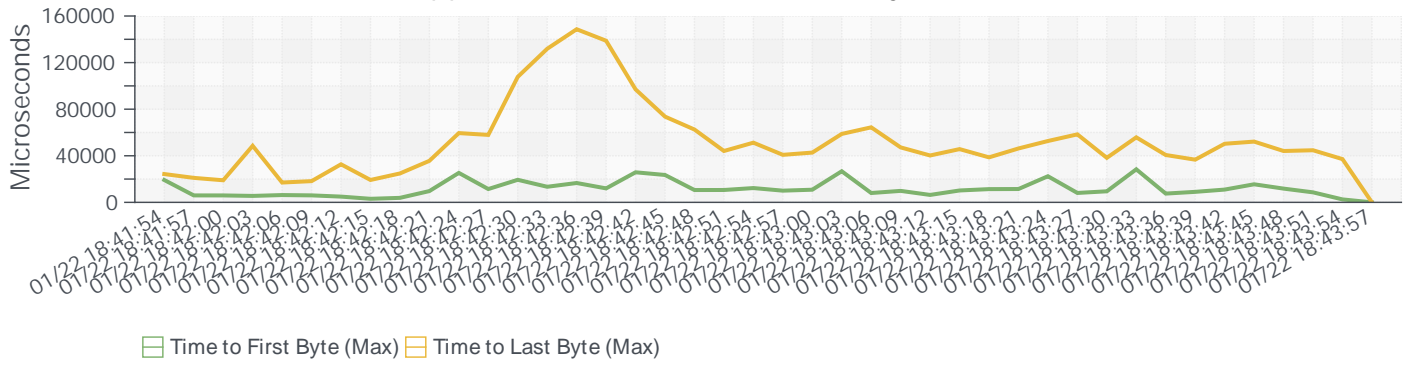
Application Connection Rate



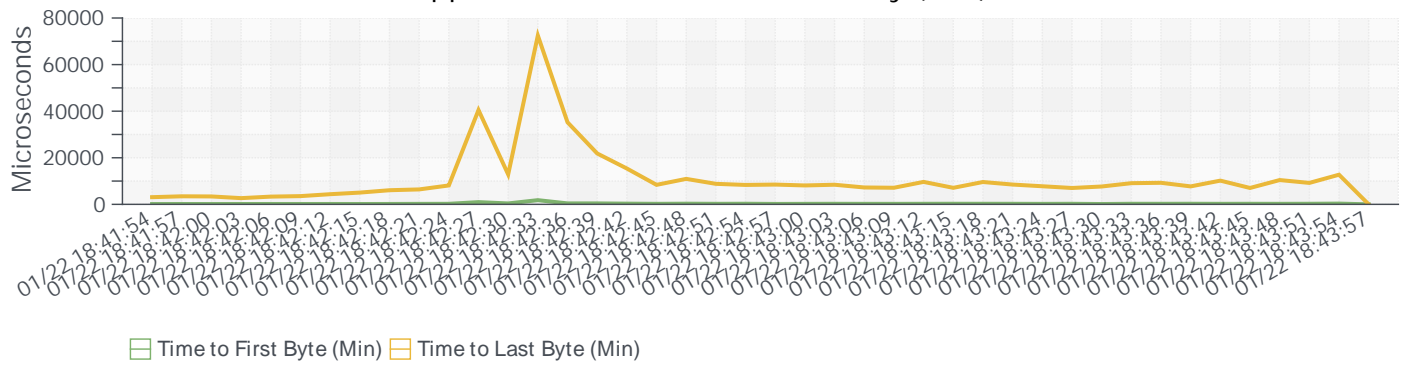
Application Instantaneous Latency



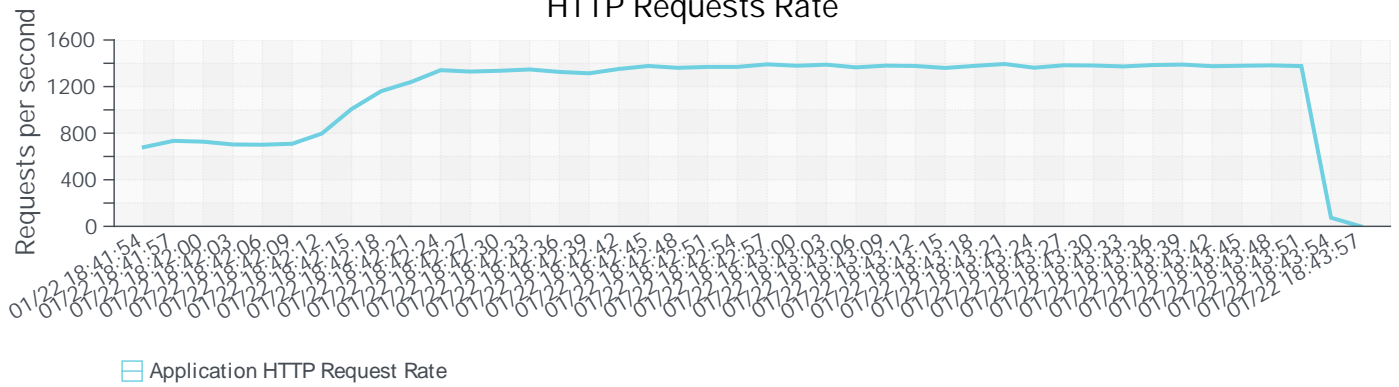
### Application Instantaneous Latency (Max)



### Application Instantaneous Latency (Min)



### HTTP Requests Rate





## Client Application Statistics

Profile	Application	Bytes sent	Bytes received
App Client Application Profile-IP Network 1	HTTP App	46829357	156178176589

Profile	Application	Connections Initiated	Connections Succeeded	Connections Failed	Connections Aborted
App Client Application Profile-IP Network 1	HTTP App	74485	74485	0	0

Profile	Application	Applications Initiated	Applications Succeeded	Applications Failed	Actions Timed Out
App Client Application Profile-IP Network 1	HTTP App	148903	148903	0	0

## Server Statistics

### Application & Attack Statistics

Application & Attack	Bytes sent	Bytes received	Connections received	Strikes Allowed	Strikes Initiated
HTTP	156178176589	46829357	74485	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	74485	0	0	74485	0	0	74485	0

Profile	FIN Sent	FIN Received	FIN-ACK Sent	FIN-ACK Received	RST Sent	RST Received
App Client Application Profile-IP Network 1	74485	74418	0	67	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	74485	74485	0	74485	0

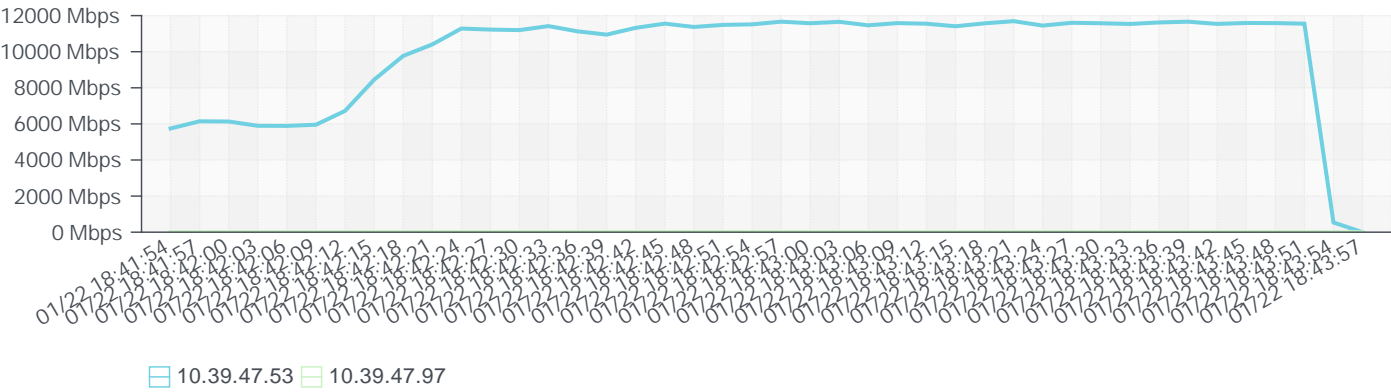
Port	FIN ACK Sent	FIN Received	FIN Sent	FIN ACK Received	RST Sent	RST Received
80	67	74485	74418	0	0	0

### Server TCP Retransmissions Statistics

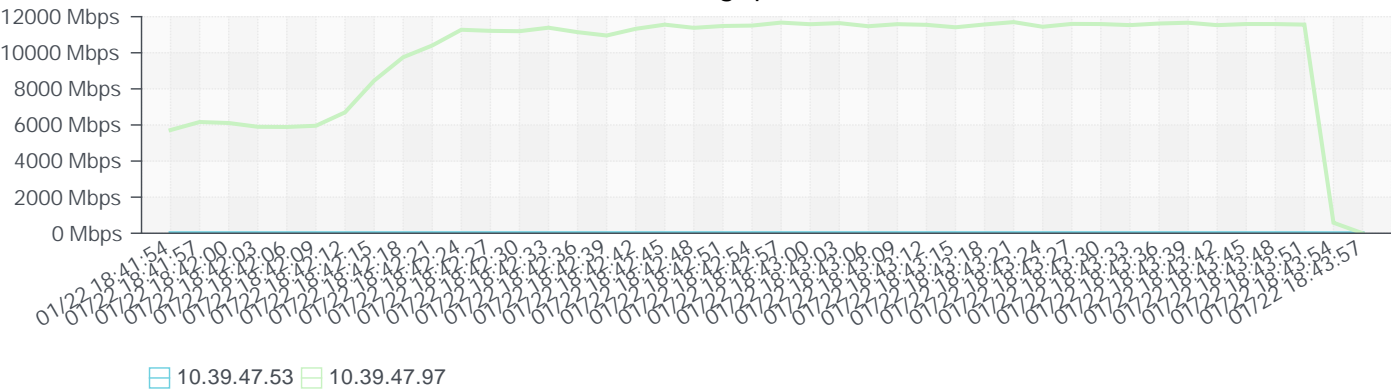
Port	SYN ACK Retransmitted	SYN ACK Retransmissions Aborted	Data Retransmitted	Data Retransmissions Aborted
80	0	0	0	0

# Agent Traffic Statistics

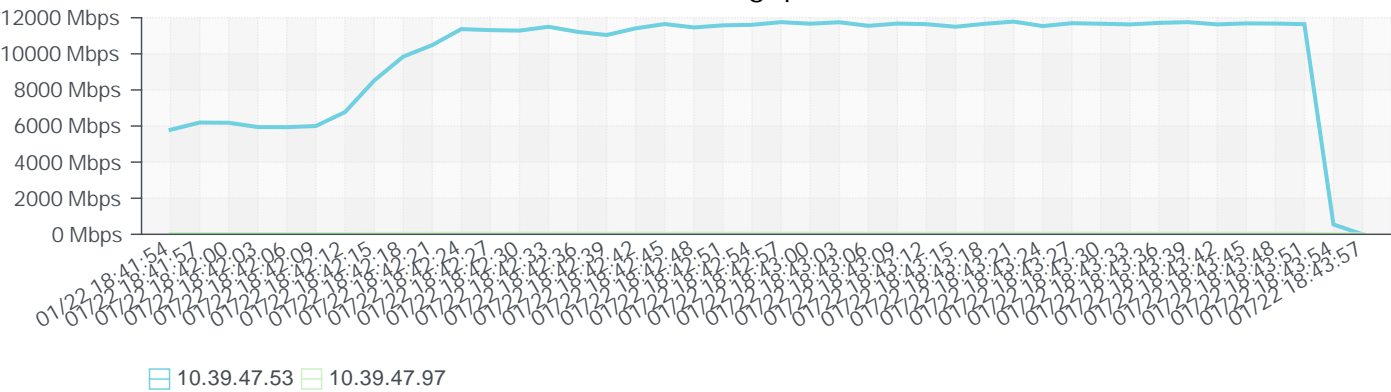
TX Throughput



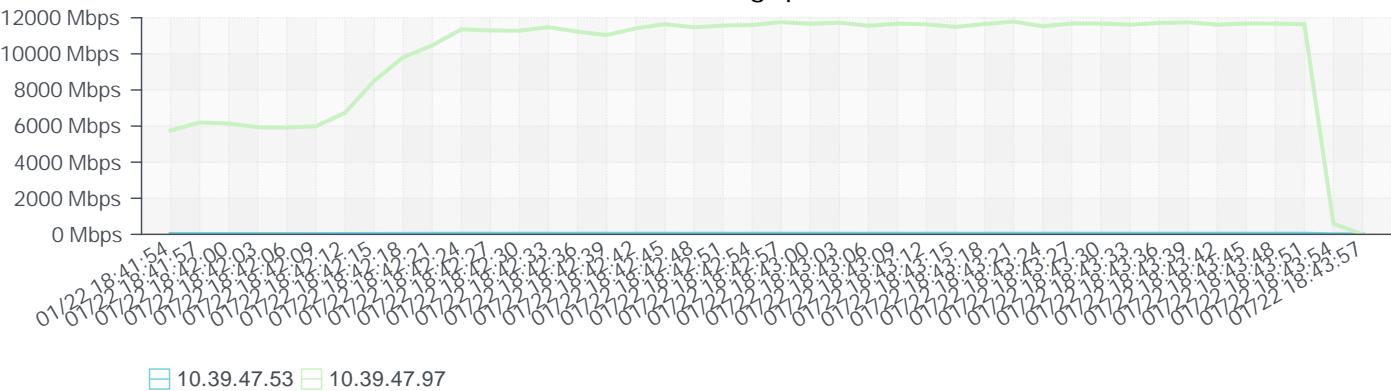
RX Throughput



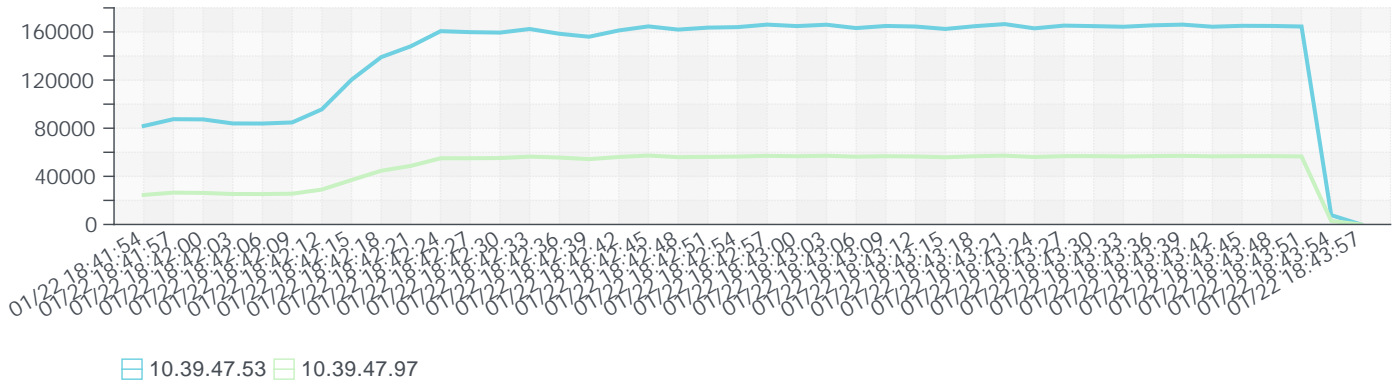
L23 TX Throughput



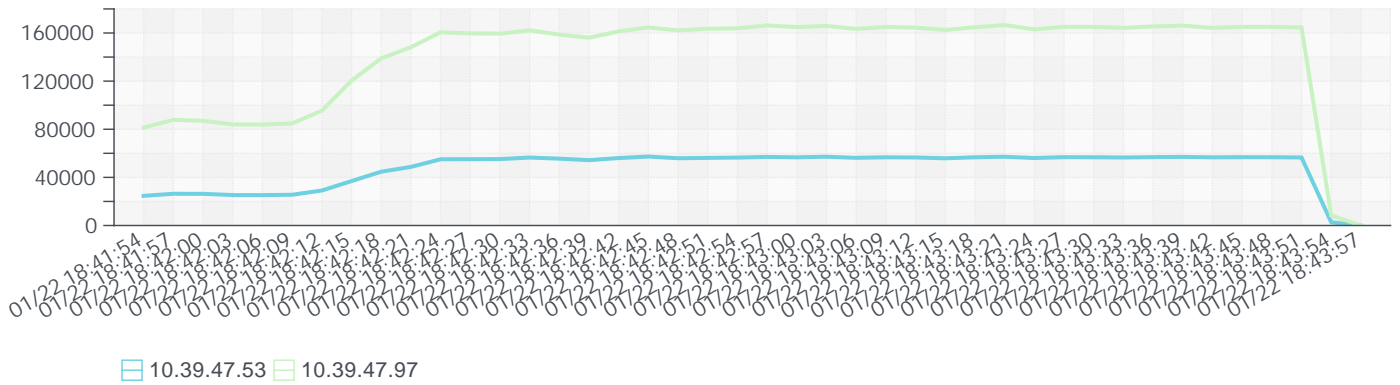
L23 RX Throughput



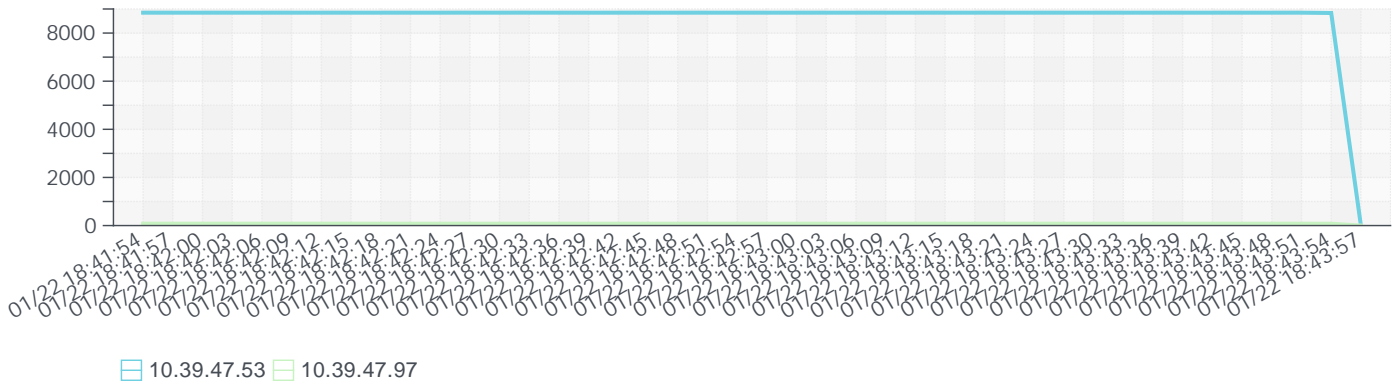
L23 Packets Sent Per Second



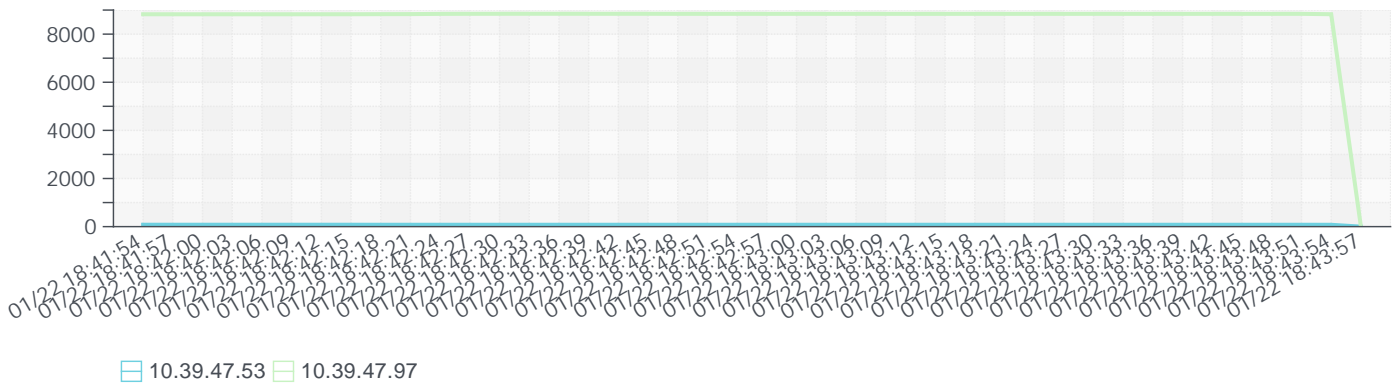
L23 Packets Received Per Second



L23 Average Packets Sent Size



L23 Average Packets Received Size



Traffic Statistics

Agent	Bytes Sent	Bytes Received	Connections Initiated	Connections Received	Connections Succeeded
10.39.47.97	46829357	156178176589	74485	0	74485
10.39.47.53	156178176589	46829357	0	74485	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	148903	148903	0

L23 Statistics

Agent	Interface	Bytes Sent	Bytes Received	Packets Sent	Packets Received
10.39.47.97	ens192	469179705	157302025433	6025064	17793953
10.39.47.53	ens192	157424348537	469181401	17793944	6025073

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	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	HTTP App	148903	148903	0	0	156136112128	0	148903	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	HTTP App	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 401 Unauthorized	Responses Recv 403 Forbidden	Responses Recv 404 Not Found	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	HTTP App	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 502 Bad Gateway	Responses Recv 503 Service Unavailable	Responses Recv 504 Gateway Timeout	Responses Recv 505 HTTP Version Not Supported
App Client Application Profile-IP Network 1	HTTP App	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	156136112128	148903	148903

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
HTTP	148903	0	0	0	0

# Client HTTP Statistics per Action

HTTP General Statistics

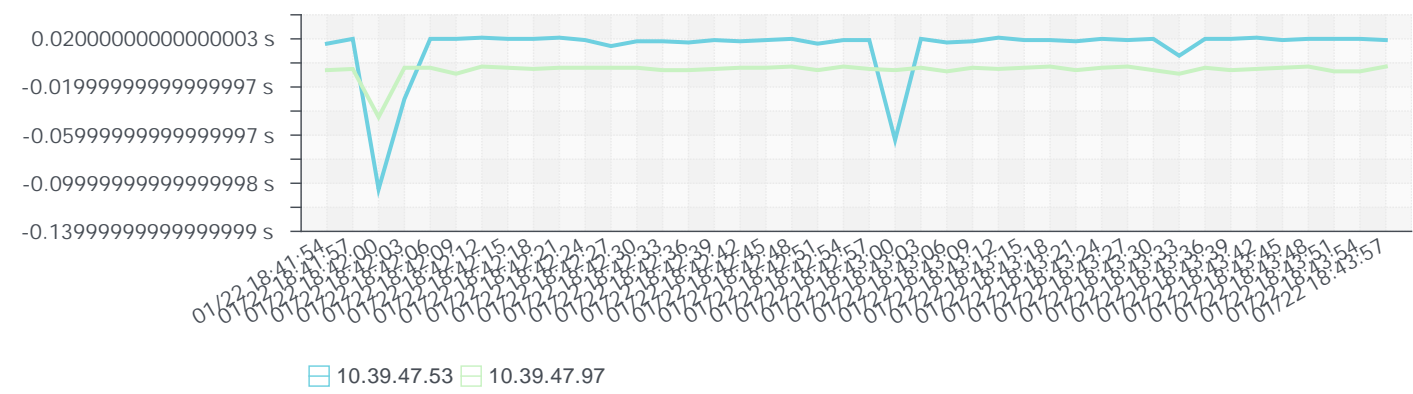
Profile - Network Segment	Application Attack	Action	Payload Bytes Received	Payload Bytes Sent	Responses Recv 1xx Informational	Responses Recv 2xx Successful	Responses Recv 3xx Redirection	Responses Recv 4xx Client Error	Responses Recv 5xx Server Error
App Client Application Profile-IP Network 1	HTTP App	HTTP GET	156136112128	0	0	148903	0	0	0

Profile - Network Segment	Application Attack	Action	Responses Recv 4xx Client Error	Responses Recv 400 Bad Request	Responses Recv 401 Unauthorized	Responses Recv 403 Forbidden	Responses Recv 404 Not Found
App Client Application Profile-IP Network 1	HTTP App	HTTP GET	0	0	0	0	0

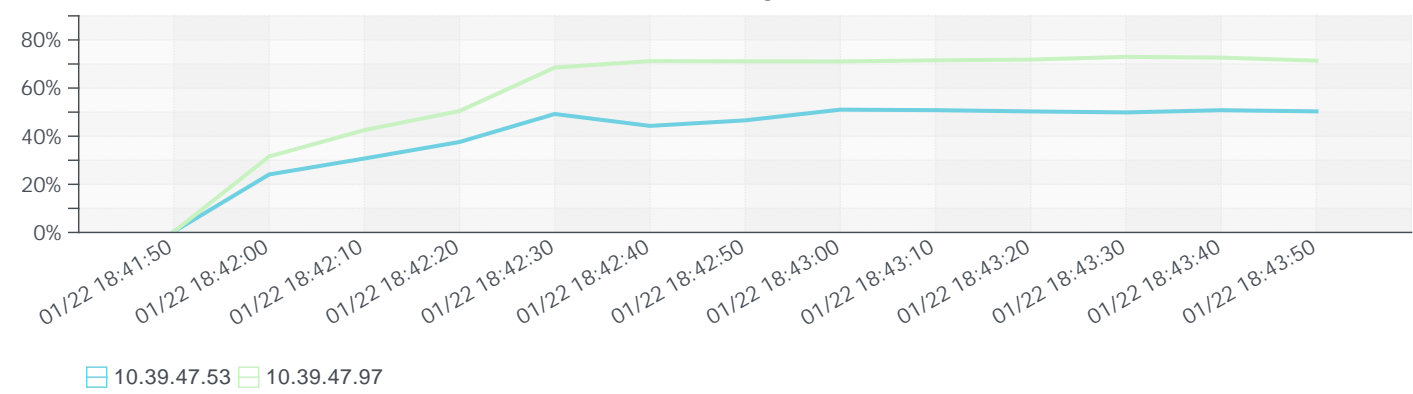
Profile - Network Segment	Application Attack	Action	Responses Recv 5xx Server Error	Responses Recv 504 Gateway Timeout	Responses Recv 503 Service Unavailable	Responses Recv 502 Bad Gateway
App Client Application Profile-IP Network 1	HTTP App	HTTP GET	0	0	0	0

# Agent Resource Metrics

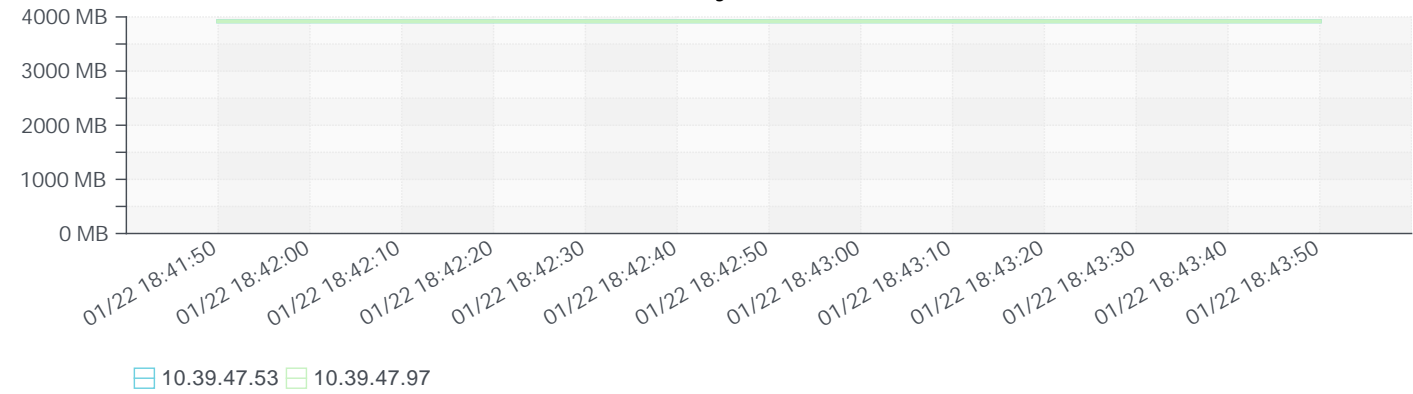
Clock Offset



CPU Usage

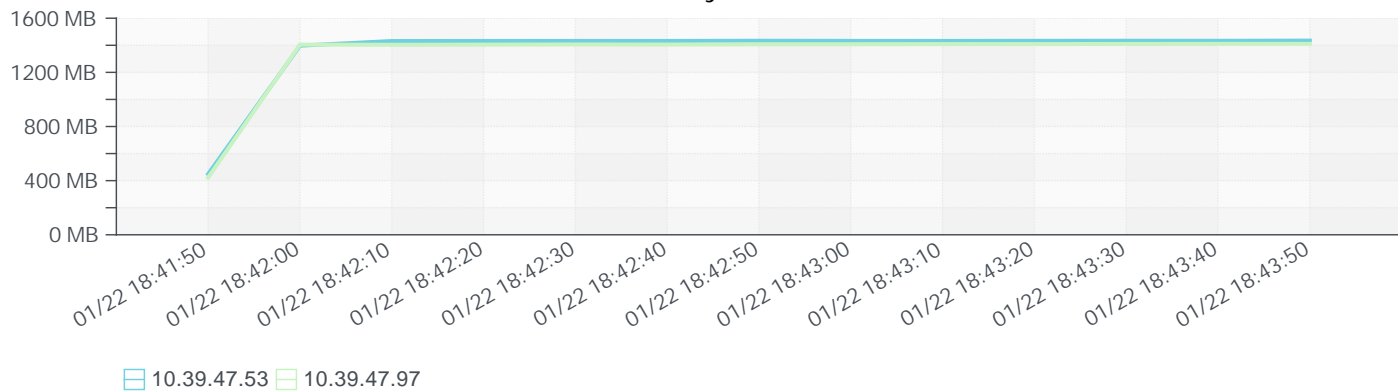


Memory Total

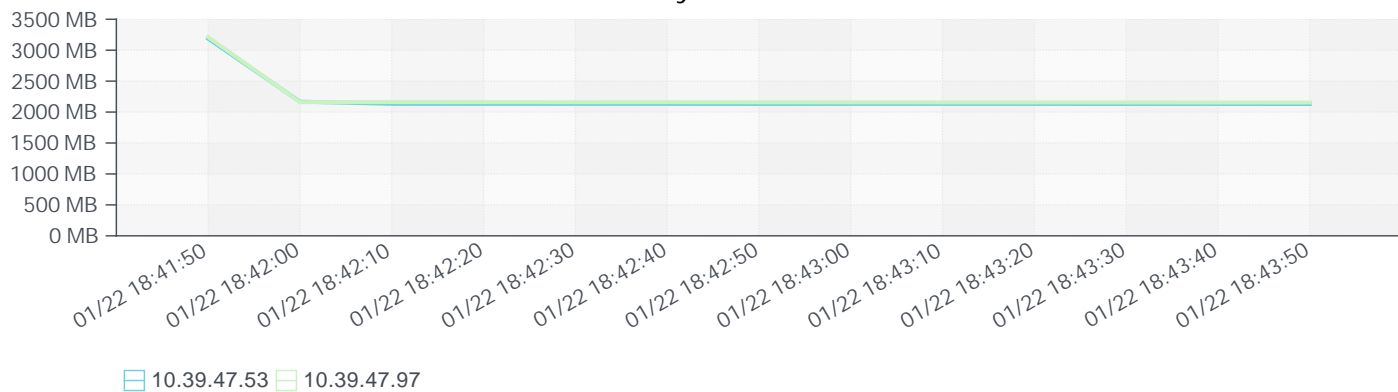




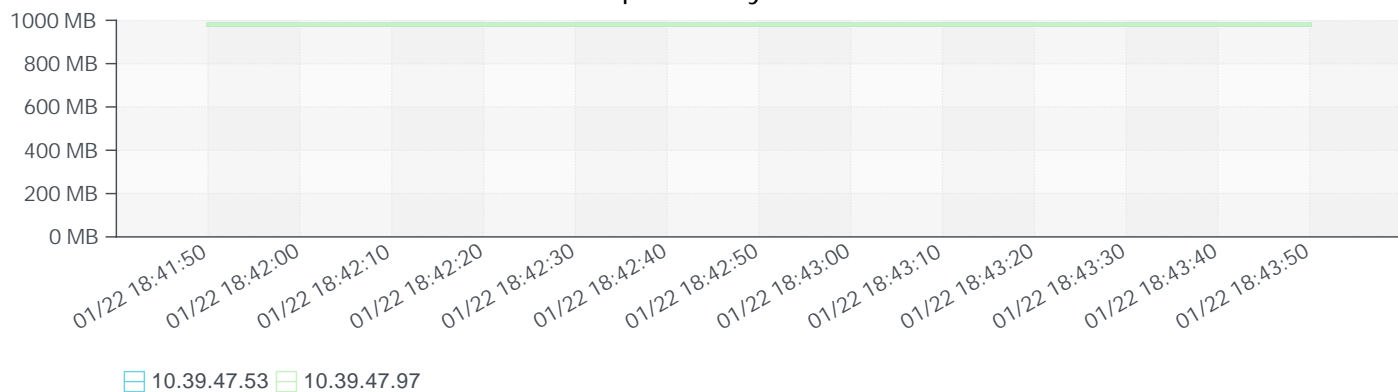
Memory Used



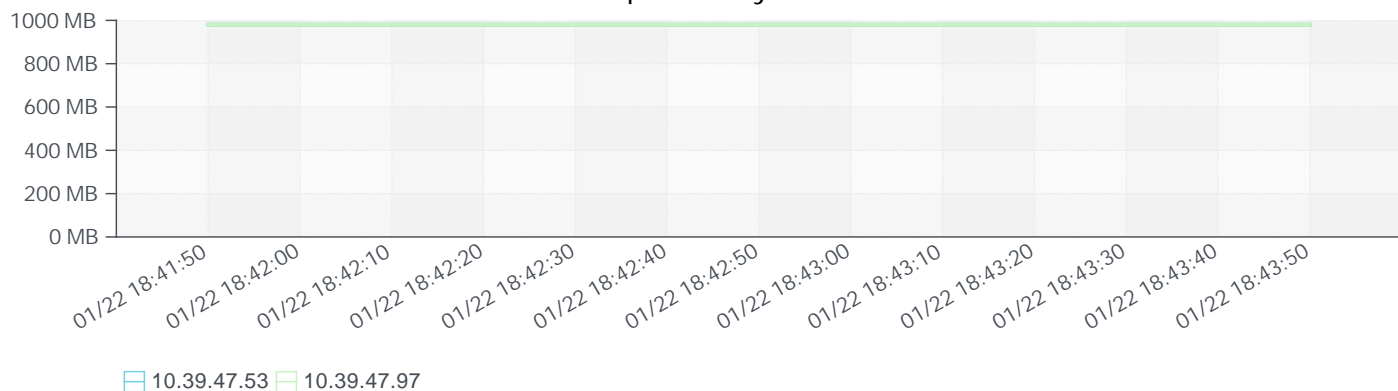
Memory Available



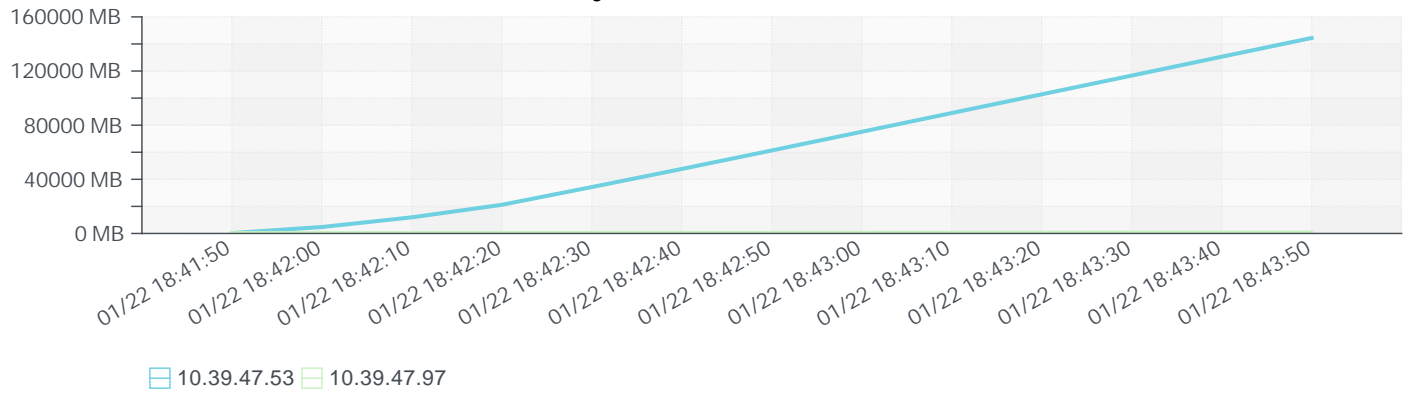
Swap Memory Total



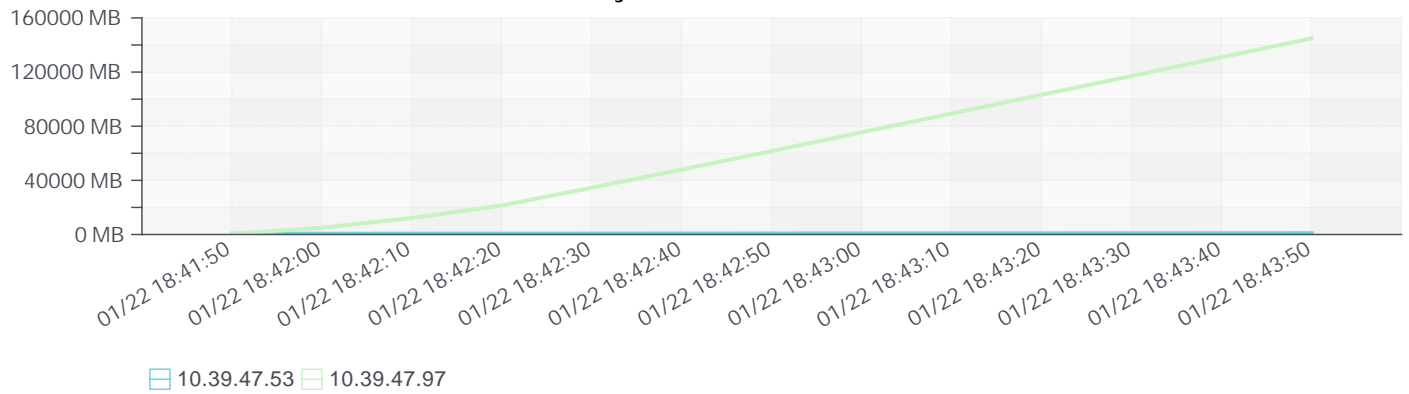
Swap Memory Free



### Bytes Transmitted



### Bytes Received



### CPU Statistics

Agent	CPU Usage	Max CPU Core Usage
10.39.47.97	71.38 %	72.21 %
10.39.47.53	50.31 %	50.57 %

### Memory Statistics

Agent	Memory Available	Memory Total
10.39.47.97	2154.57 MB	3919.48 MB
10.39.47.53	2130.7 MB	3919.48 MB

# Http

Client Application Statistics

Action	Started	Succeeded	Failed	Skipped
HTTP GET	148903	148903	0	0

Server Application Statistics

Action	Succeeded	Failed
HTTP GET	148903	0