



**ADARA**

ADARA

Performance at Scale

ADARA vs No ADARA





ADARA  
Performance  
Results

ADARA:

Performance  
Improvement

Over other vendors

SD WAN

SDN

Legacy Networking Products



# ADARA

Performance  
Results

Everyone shows  
performance with 1 or a  
few users

That is not how products  
are used

Where are their results  
with a hundred  
simultaneous users?

Here's ours...



# ADARA

## ADARA Performance Results

ADARA SD WAN vs other vendors SD WAN, SDN and  
Legacy networking products





ADARA  
Performance  
Results

Server side  
Performance

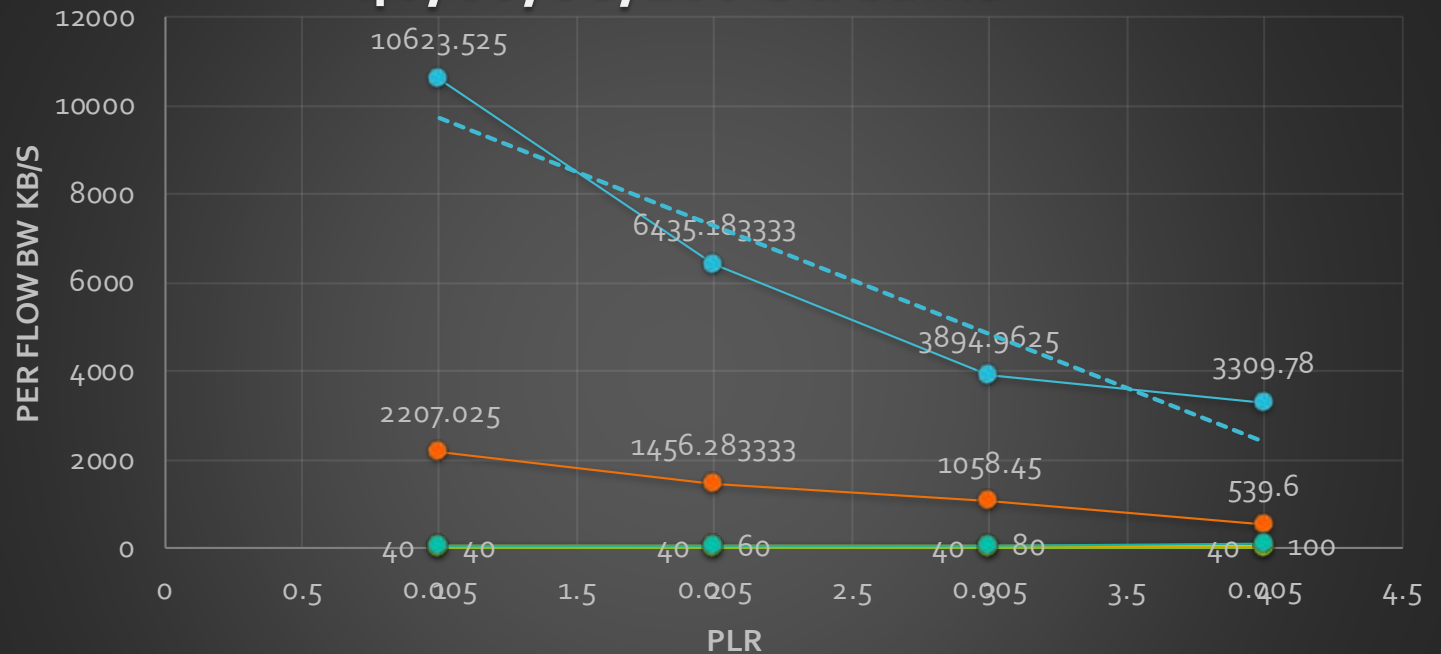
Latency = 80 ms. Cross Country from:  
 A Public Cloud in Northern Virginia  
 to  
 A Hosted Cloud in San Jose California

The Baseline (i.e. No ADARA) performs just as expected and documented in the CHART work

**ADARA outperforms the No ADARA by 5 X – 6 X**

ADARA performance differentiation grows as the network conditions worsen

## TCP Runs Server PLR = 0.5% 40, 60, 80, 100 Streams



- Server ADARA per stream BW Kb/s
- Latency RT ms
- PLR
- Server baseline per stream BW Kb/s
- Number of Streams
- Linear (Server ADARA per stream BW Kb/s)

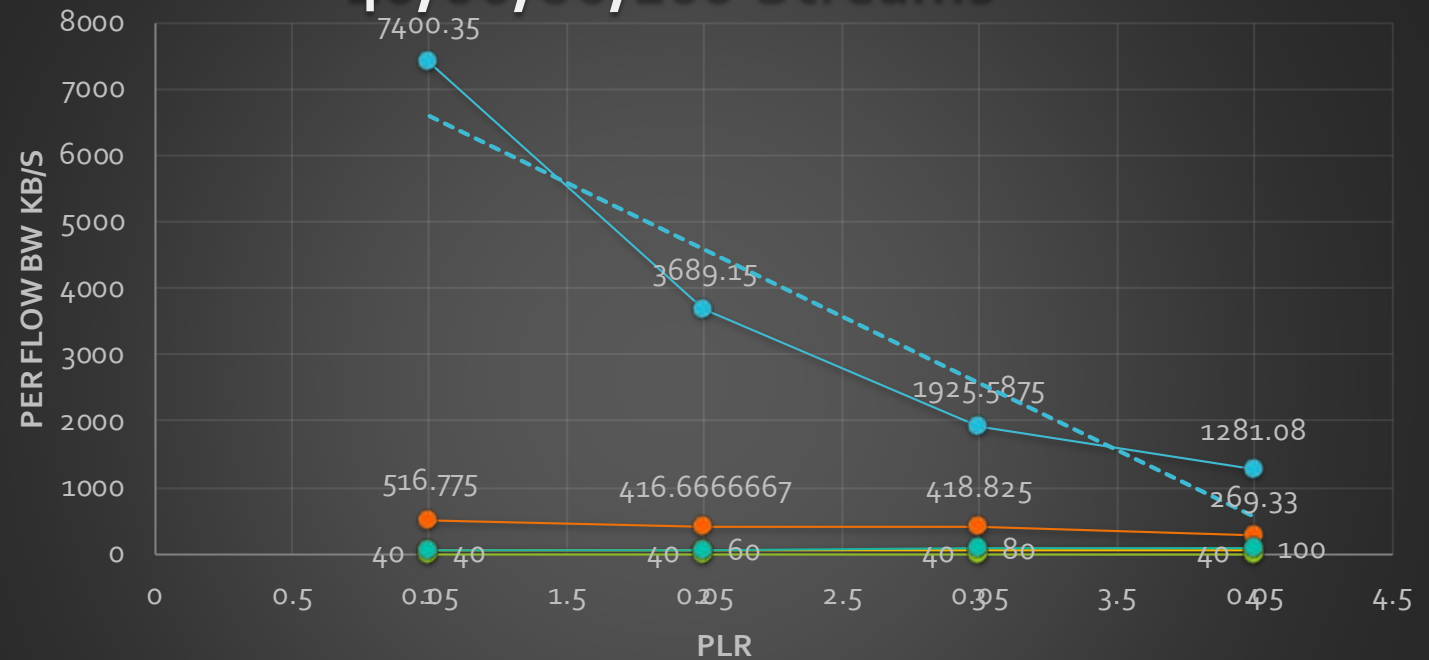
Latency = 80 ms. Cross Country from:  
 A Public Cloud in Northern Virginia  
 to  
 A Hosted Cloud in San Jose California

The Baseline (i.e. No ADARA) performs just as expected and documented in the CHART work

**ADARA outperforms the No ADARA by 14 X to 5 X**

ADARA performance differentiation grows as the network conditions worsen

## TCP Runs Server PLR = 5% 40,60,80,100 Streams



- Server ADARA per stream BW Kb/s
- Latency RT ms
- PLR
- Server baseline per stream BW Kb/s
- Number of Streams
- Linear (Server ADARA per stream BW Kb/s)

Latency = 80 ms. Cross  
Country from:  
A Public Cloud in Northern  
Virginia  
to  
A Hosted Cloud in  
San Jose California

The Baseline (i.e. No ADARA)  
performs just as expected and  
documented in the CHART work

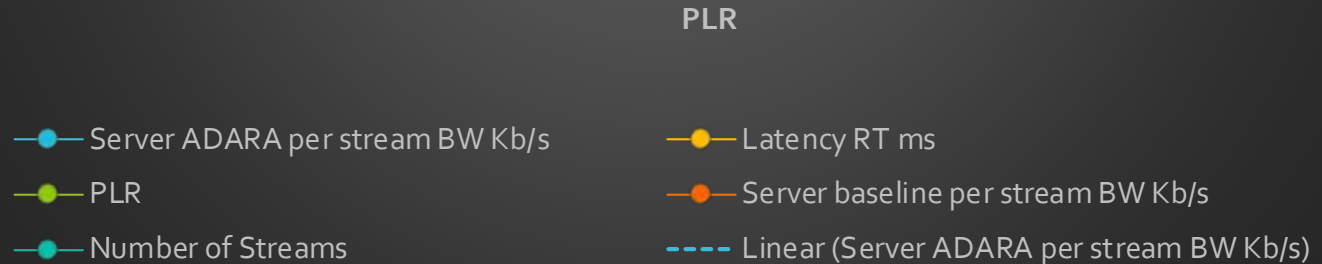
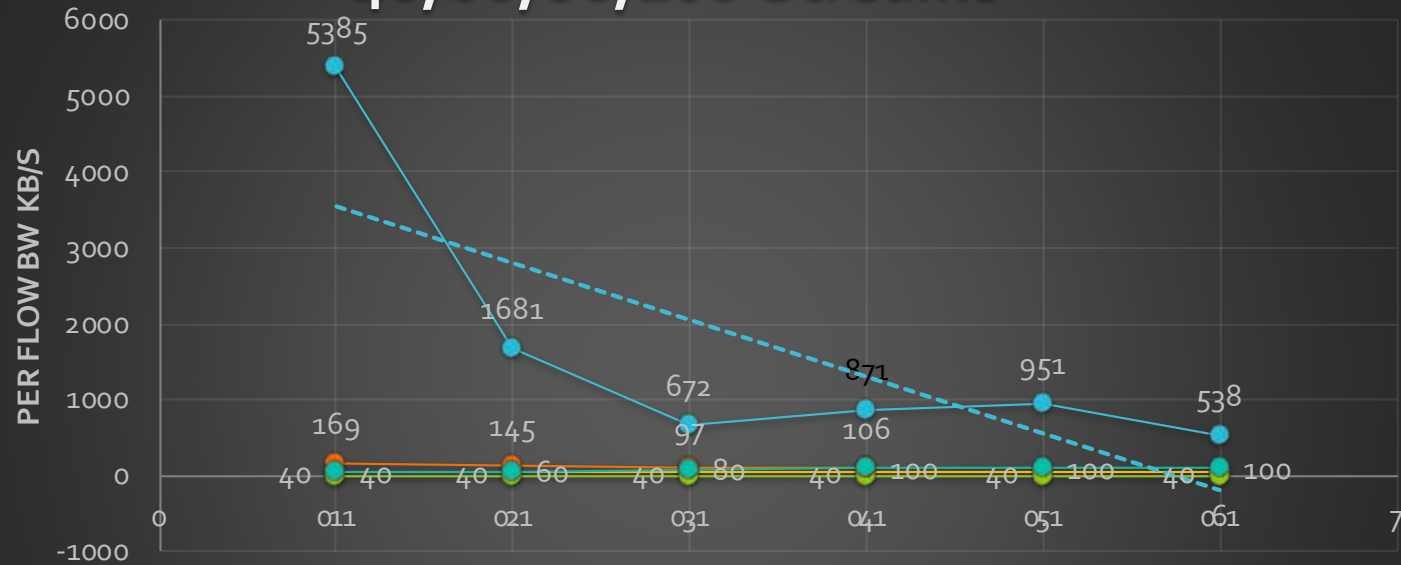
**ADARA outperforms the**

**No ADARA by 37 X to ∞**

**(Standard TCP found in  
common SD WAN could not  
complete the test)**

ADARA performance  
differentiation grows as the  
network conditions worsen

## TCP Runs Server PLR = 10% 40,60,80,100 Streams







ADARA  
Performance  
Results

# Client Side Performance

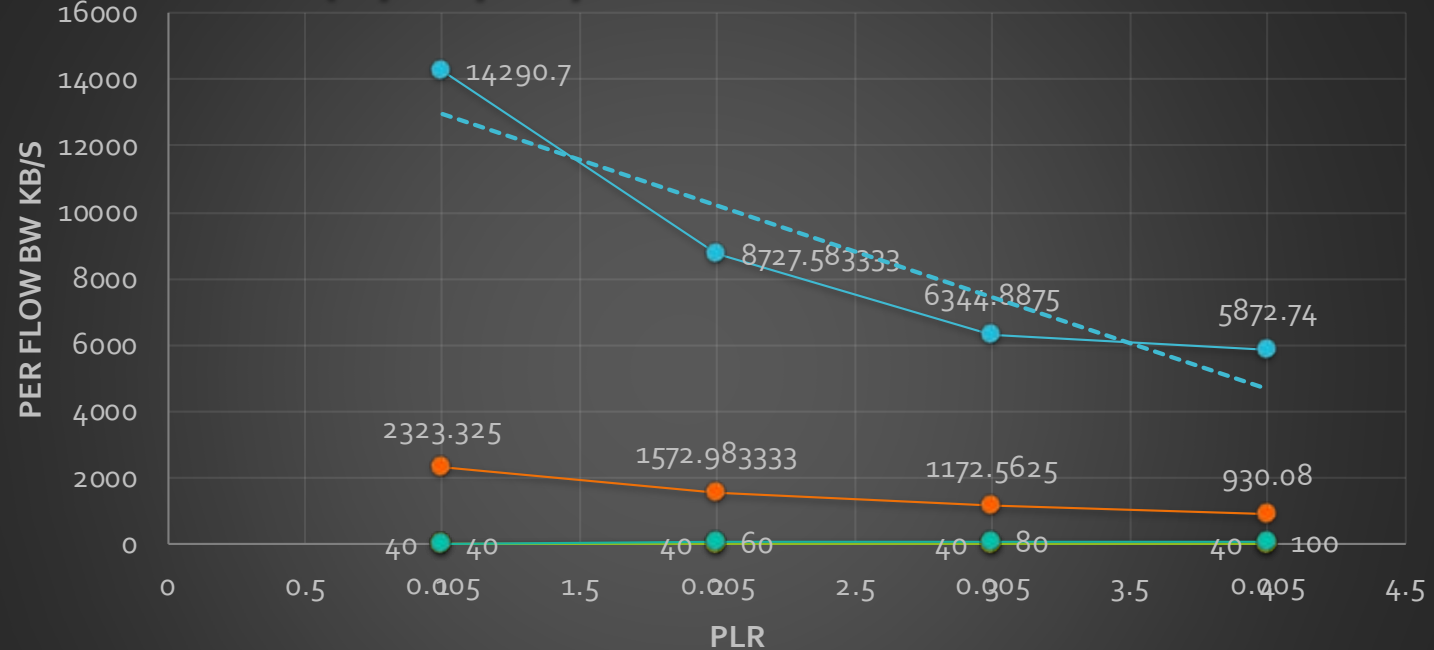
Latency = 80 ms. Cross Country from:  
 A Public Cloud in Northern Virginia  
 to  
 A Hosted Cloud in San Jose California

The Baseline (i.e. No ADARA) performs just as expected and documented in the CHART work

**ADARA outperforms the No ADARA by 6 X to 6.5 X**

ADARA performance differentiation grows as the network conditions worsen

## TCP Runs Client PLR = 0.5% 40,60,80, 100 Streams



- Client ADARA per stream BW Kb/s
- Latency RT ms
- PLR
- Client baseline per stream BW Kb/s
- Number of Streams
- Linear (Client ADARA per stream BW Kb/s)

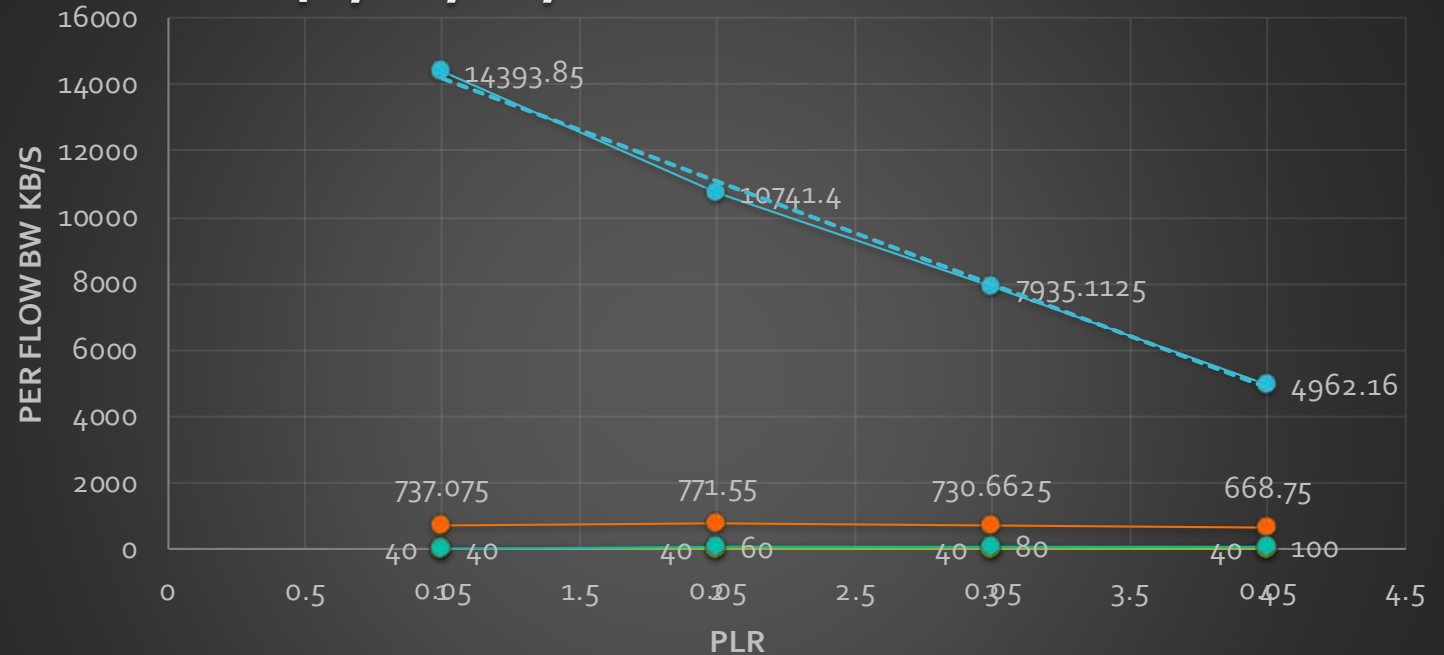
Latency = 80 ms. Cross  
Country from:  
A Public Cloud in Northern  
Virginia  
to  
A Hosted Cloud in  
San Jose California

The Baseline (i.e. No  
ADARA) performs just as  
expected and documented  
in the CHART work

**ADARA outperforms the No  
ADARA by 19.5 X to 7.4X**

ADARA performance  
differentiation grows as the  
network conditions worsen

## TCP Runs Client PLR = 5% 40, 60, 80, 100 Streams



- Client ADARA per stream BW Kb/s
- Latency RT ms
- PLR
- Client baseline per stream BW Kb/s
- Number of Streams
- Linear (Client ADARA per stream BW Kb/s)

Latency = 80 ms. Cross  
Country from:  
A Public Cloud in Northern  
Virginia  
to  
A Hosted Cloud in  
San Jose California

The Baseline (i.e. No ADARA)  
performs just as expected and  
documented in the CHART work

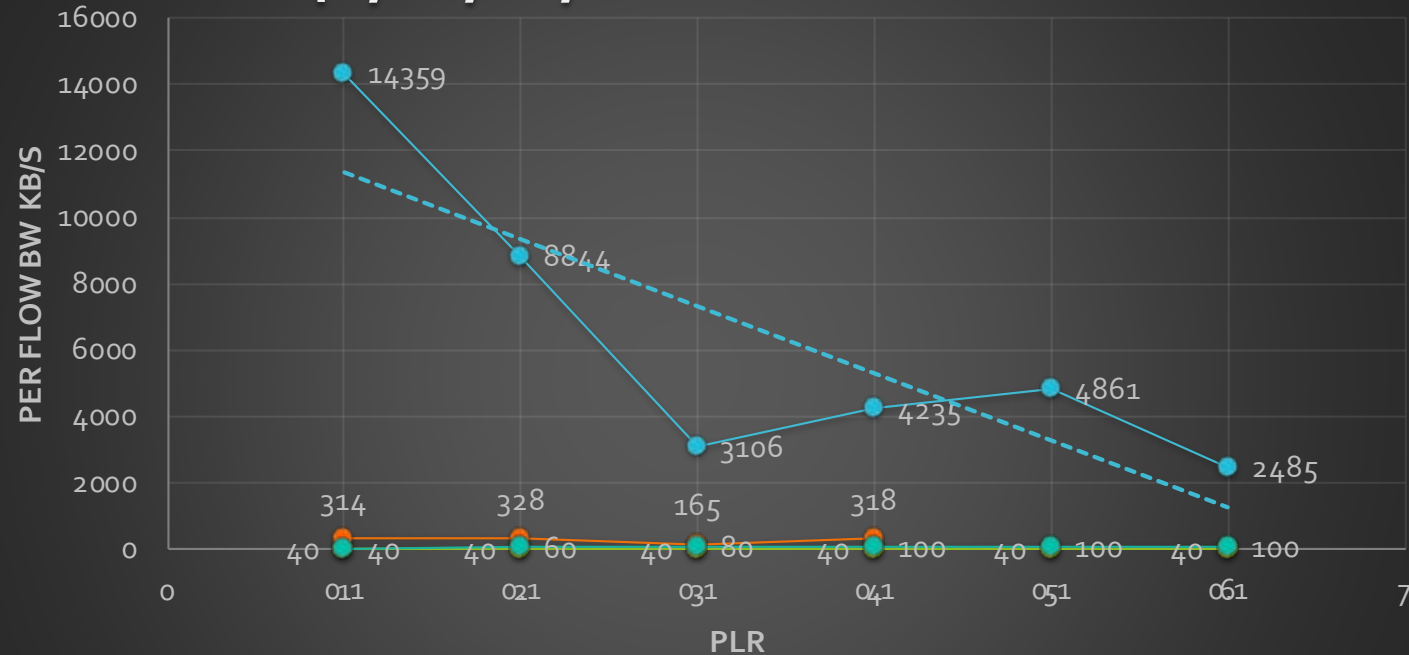
**ADARA outperforms the**

**No ADARA by 46 X to ∞**

**(Standard TCP found in  
common SD WAN could not  
complete the test)**

ADARA performance  
differentiation grows as the  
network conditions worsen

## TCP Runs Client PLR = 10% 40,60,80, 100 Streams



- Client ADARA per stream BW Kb/s
- Latency RT ms
- PLR
- Client baseline per stream BW Kb/s
- Number of Streams
- Linear (Client ADARA per stream BW Kb/s)



ADARA  
Performance  
Results

Server Side and Client  
Side have the same  
Performance

ADARA Performance  
ensures what is sent  
is received



# ADARA Performance Results

Client Side Performance  
differentiation is better  
than Server Side

ADARA Performance  
ensures data is not  
being dropped as is the  
case from other  
network products



ADARA  
Performance  
Guaranteed

Time is Money  
Data is Money  
Why lose Money?



ADARA  
Performance  
Guaranteed

What's in your  
Network?





**ADARA**

ADARA

Performance at Scale

ADARA vs No ADARA

