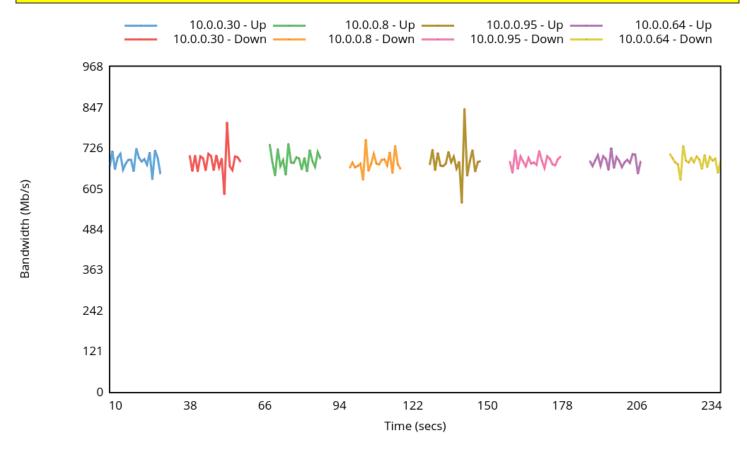
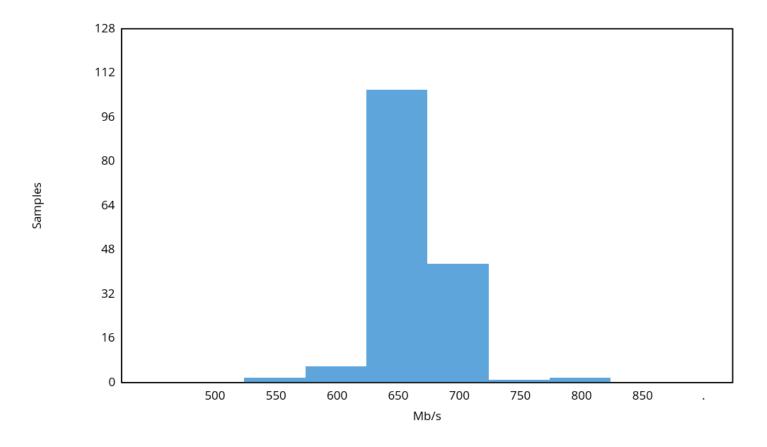
	TCP Iperf Test Report									
Tes	st Run:	2015-04-22 17:34:43	Report Ge	Report Generated: 04		Page 1 of 10				
Service:	Amazon EC2		Instance Type:	i2.xlarge		Cloud Harmony				
		Platform		Settings		Results				
Provide	er	Amazon Web	Services	Test Protocol	TCP	Mean Bandwidth	688.4 Mb/s			
Service	е	Amazon E	EC2	Direction	Up, Down	Median Bandwidth	687.92 Mb/s			
Region	1	us-west	-2	Duration	30 secs	Std Dev	29.82			
Instance 1	Гуре	i2.xlarg	e	Warmup	10 secs	Transfer	12.82 GB			
CPU		Intel Xeon E5-2670	v2 2.50GHz	Threads	4	Mean Jitter	N/A			
Memor	у	30 GB		UDP Bandwidth	N/A	Median Jitter	N/A			
Operating S	ystem	linux.ubu	ntu	Started	2015-04-22 17:34:43	Mean Datagram Loss	N/A			
Test ID	Test ID ec2-0415-39		-39	Ended	2015-04-22 17:38:44	Median Datagram Loss	N/A			
			TCP - Ba	ndwidth						

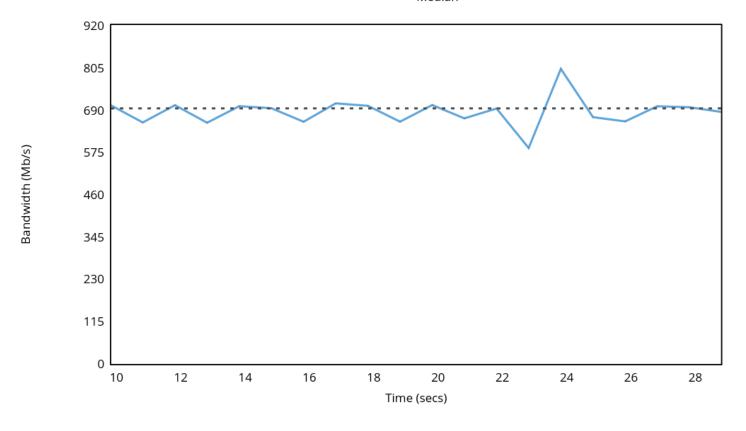


	TCP Iperf Test Report									
Tes	t Run:	2015-04-22 17:34:43	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 2 of 10				
Service:		Amazon EC2 Instance		i2.xlarge		Cloud Harn	nony			
		Platform		Settings		Results				
Provide	er	Amazon Web	Services	Test Protocol	TCP	Mean Bandwidth	688.4 Mb/s			
Service	2	Amazon I	EC2	Direction	Up, Down	Median Bandwidth	687.92 Mb/s			
Region	1	us-west	-2	Duration	30 secs	Std Dev	29.82			
Instance 1	Туре	i2.xlarg	e	Warmup	10 secs	Transfer	12.82 GB			
CPU		Intel Xeon E5-2670	v2 2.50GHz	Threads	4	Mean Jitter	N/A			
Memor	у	30 GB		UDP Bandwidth	N/A	Median Jitter	N/A			
Operating S	ystem	linux.ubu	ntu	Started	2015-04-22 17:34:43	Mean Datagram Loss	N/A			
Test ID ec2-0415-39		-39	Ended	2015-04-22 17:38:44	Median Datagram Loss	N/A				
		TCP	- Bandwidth His	togram - All S	ervers					

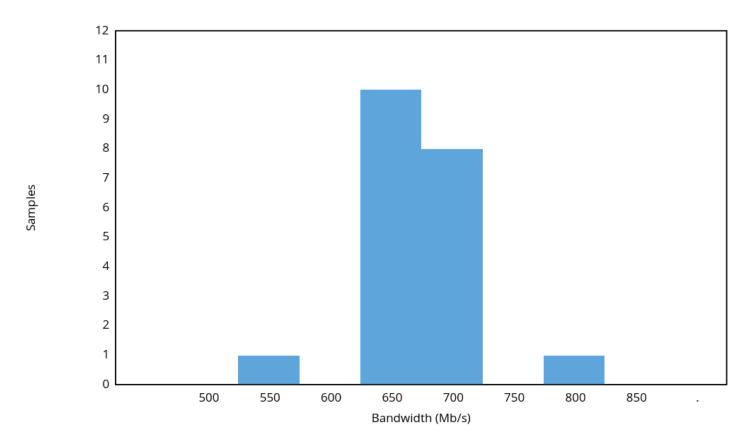


TCP Iperf Test Report								
Tes	t Run: 2015-0	04-22 17:34:43	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 3 of 10		
Service:	Amazon EC	Amazon EC2 Instance Type:		i2.xlarge		CloudHarmony		
P	Platform		Server	S	ettings	Results		
Provider	Amazon Web Services	Server	10.0.0.30:80	Test Protocol	TCP	Mean Bandwidth	688.2 Mb/s	
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	697.45 Mb/s	
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	39.93	
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.6 GB	
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A	
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A	
Operating System	linux.ubuntu			Started	2015-04-22 17:34:43	Mean Datagram Loss	N/A	
Test ID	ec2-0415-39			Ended	2015-04-22 17:35:43	Median Datagram Loss	N/A	
			TCP - Bandwidtl	h - 10.0.0.30:8	0			

- - - - Median

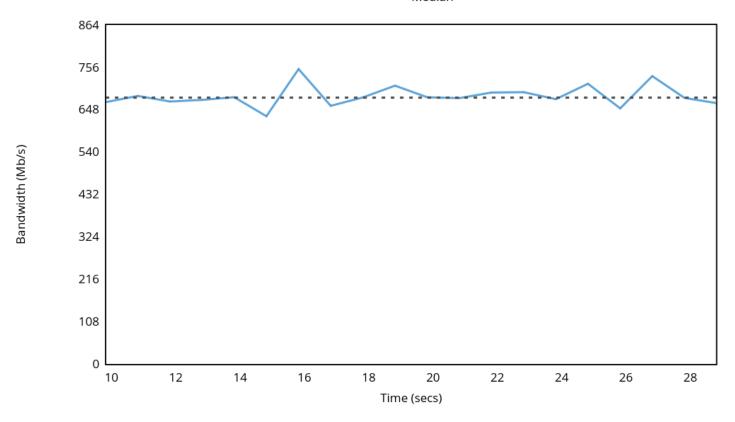


	TCP Iperf Test Report								
Tes	t Run: 2015-	04-22 17:34:43	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 4 of 10			
Service:	Amazon EC	2	Instance Type:	i2	i2.xlarge CloudHarn		nony		
F	Platform		Server	S	ettings	Results			
Provider	Amazon Web Services	Server	10.0.0.30:80	Test Protocol	TCP	Mean Bandwidth	688.2 Mb/s		
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	697.45 Mb/s		
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	39.93		
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.6 GB		
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A		
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A		
Operating System	linux.ubuntu			Started	2015-04-22 17:34:43	Mean Datagram Loss	N/A		
Test ID	ec2-0415-39			Ended	2015-04-22 17:35:43	Median Datagram Loss	N/A		
	TCP - Bandwidth Histogram - 10.0.0.30:80								

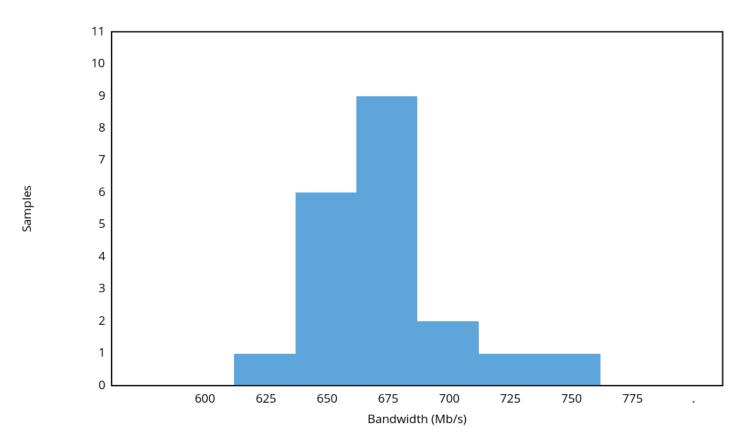


	TCP Iperf Test Report								
Tes	t Run: 2015-0	04-22 17:35:43	Report Ge	nerated:	04/22/2015 17:38 UTC	Page 5 of 10			
Service:	Amazon EC	Amazon EC2 Instance Type:		i2.xlarge		CloudHarmony			
P	Platform		Server	S	ettings	Results			
Provider	Amazon Web Services	Server	10.0.0.8:80	Test Protocol	TCP	Mean Bandwidth	684.6 Mb/s		
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	680.31 Mb/s		
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	27.55		
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.59 GB		
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A		
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A		
Operating System	linux.ubuntu			Started	2015-04-22 17:35:43	Mean Datagram Loss	N/A		
Test ID	ec2-0415-39			Ended	2015-04-22 17:36:44	Median Datagram Loss	N/A		
			TCP - Bandwidt	th - 10.0.0.8:80)				

- - - - Median

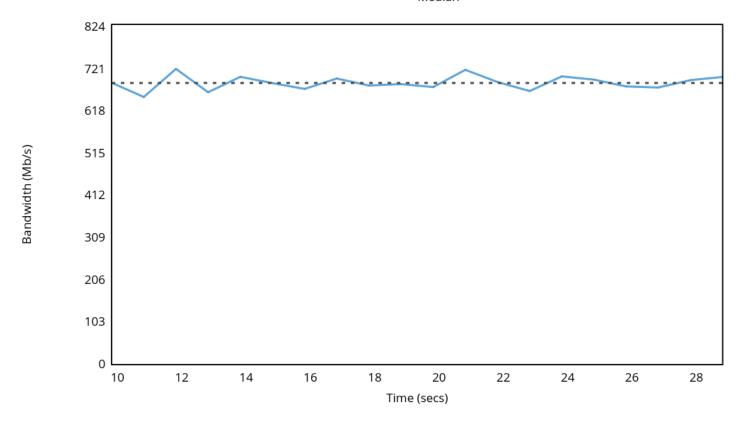


	TCP Iperf Test Report								
Tes	t Run: 2015-0)4-22 17:35:43	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 6 of 10			
Service:	Amazon EC2 Instance Type:		i2.xlarge		CloudHarmony				
P	Platform		Server	S	ettings	Results			
Provider	Amazon Web Services	Server	10.0.0.8:80	Test Protocol	TCP	Mean Bandwidth	684.6 Mb/s		
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	680.31 Mb/s		
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	27.55		
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.59 GB		
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A		
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A		
Operating System	linux.ubuntu			Started	2015-04-22 17:35:43	Mean Datagram Loss	N/A		
Test ID	ec2-0415-39			Ended	2015-04-22 17:36:44	Median Datagram Loss	N/A		
	TCP - Bandwidth Histogram - 10.0.0.8:80								

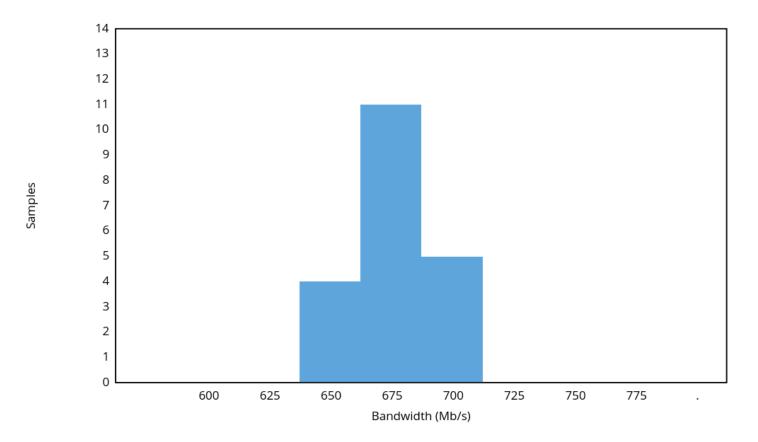


	TCP Iperf Test Report													
Tes	t Run: 2015-0)4-22 17:36:44	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 7 of 10								
Service:	Amazon EC	2	Instance Type:		2.xlarge	Cloud Harmony								
P	Platform		Server	S	ettings	Results								
Provider	Amazon Web Services	Server	10.0.0.95:80	Test Protocol	TCP	Mean Bandwidth	688.48 Mb/s							
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	687.98 Mb/s							
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	17.43							
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.6 GB							
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A							
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A							
Operating System	linux.ubuntu			Started	2015-04-22 17:36:44	Mean Datagram Loss	N/A							
Test ID	ec2-0415-39			Ended	2015-04-22 17:37:44	Median Datagram Loss	N/A							
			TCP - Bandwidtl	h - 10.0.0.95:8	0	TCP - Bandwidth - 10.0.0.95:80								

- - - - Median

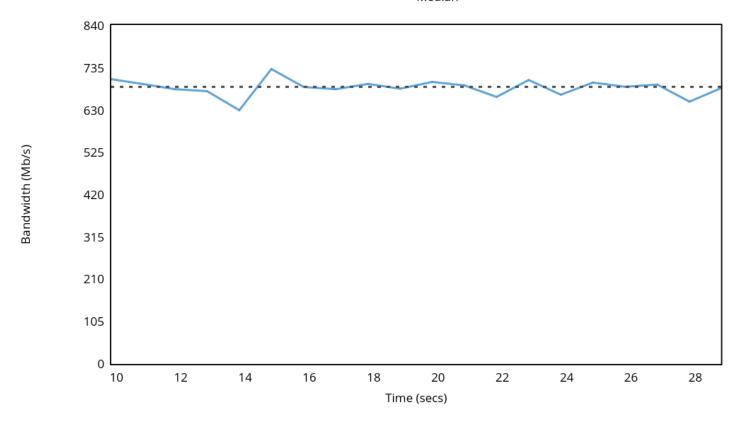


	TCP Iperf Test Report								
Tes	t Run: 2015-0	04-22 17:36:44	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 8 of 10			
Service:	Amazon EC	EC2 Instance Type:		i2.xlarge		CloudHarmony			
P	Platform		Server	S	ettings	Results			
Provider	Amazon Web Services	Server	10.0.0.95:80	Test Protocol	TCP	Mean Bandwidth	688.48 Mb/s		
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	687.98 Mb/s		
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	17.43		
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.6 GB		
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A		
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A		
Operating System	linux.ubuntu			Started	2015-04-22 17:36:44	Mean Datagram Loss	N/A		
Test ID	ec2-0415-39			Ended	2015-04-22 17:37:44	Median Datagram Loss	N/A		
	TCP - Bandwidth Histogram - 10.0.0.95:80								



TCP Iperf Test Report									
Tes	t Run: 2015-0	04-22 17:37:44	Report Ge	nerated:	04/22/2015 17:38 UTC	Page 9 of 10			
Service:	Amazon EC	2	Instance Type:	i2	2.xlarge	Cloud Harn	nony		
P	Platform		Server	S	ettings	Results			
Provider	Amazon Web Services	Server	10.0.0.64:80	Test Protocol	TCP	Mean Bandwidth	688.61 Mb/s		
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	690.65 Mb/s		
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	21.67		
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.6 GB		
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A		
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A		
Operating System	linux.ubuntu			Started	2015-04-22 17:37:44	Mean Datagram Loss	N/A		
Test ID	ec2-0415-39			Ended	2015-04-22 17:38:44	Median Datagram Loss	N/A		
	TCP - Bandwidth - 10.0.0.64:80								

- - - - Median



	TCP Iperf Test Report								
Tes	t Run: 2015-0	04-22 17:37:44	Report Ge	enerated:	04/22/2015 17:38 UTC	Page 10 of 10)		
Service:	Amazon EC	2	Instance Type:	i2	i2.xlarge CloudHarn		nony		
P	Platform		Server	S	ettings	Results			
Provider	Amazon Web Services	Server	10.0.0.64:80	Test Protocol	TCP	Mean Bandwidth	688.61 Mb/s		
Service	Amazon EC2	Provider	Amazon Web Services	Direction	Down	Median Bandwidth	690.65 Mb/s		
Region	us-west-2	Service	Amazon EC2	Duration	30 secs	Std Dev	21.67		
Instance Type	i2.xlarge	Region	us-west-2	Warmup	10 secs	Transfer	1.6 GB		
CPU	Intel Xeon E5-2670 v2 2.50GHz	Instance Type	i2.xlarge	Threads	4	Mean Jitter	N/A		
Memory	30 GB	Operating System	linux.ubuntu	UDP Bandwidth	N/A	Median Jitter	N/A		
Operating System	linux.ubuntu			Started	2015-04-22 17:37:44	Mean Datagram Loss	N/A		
Test ID	ec2-0415-39			Ended 2015-04-22 17:38:44 Median Datagram Loss		N/A			
	TCP - Bandwidth Histogram - 10.0.0.64:80								

