

Max Latency per QoS      QoS 0      QoS 1      QoS 2  
Max Loss per QoS 0      By the standard definition we shouldn't expect losses at these levels

Provider 2 / Gateway 1 / QoS 2									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	192.76710778808595		196.95113793945313	193.70271466064452				
	stdev	12.178973890619227		16.262956657074913	11.235588643901542				
	max	591.8369140625		1246.915283203125	462.027099609375				
	min	182.941650390625		186.946533203125	183.099853515625				
Reliability (avg)	msg received	2000.0		2000.0	2000.0				
	msg lost	0		0	0				

Provider 2 / Gateway 1 / QoS 1									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	161.4104171875		166.40783684082032	162.38954306640625				
	stdev	16.195593205008944		24.416573979995455	60.13627622460904				
	max	894.47607421875		2126.6416015625	6233.918212890625				
	min	152.593017578125		155.61181640625	42.57421875				
Reliability (avg)	msg received	2000.0		2000.0	2000.0				
	msg lost	0		0	0				

Provider 2 / Gateway 1 / QoS 0									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	132.0289054487781		135.3464778080885	132.69308943764696				
	stdev	6.508831683827564		4.940302257576886	12.301972103871183				
	max	545.77880859375		358.345947265625	936.0361328125				
	min	125.759521484375		127.850830078125	125.66357421875				
Reliability (avg)	msg received	1998,9		1999,4	1998,8				
	msg lost	1,1		0,6	1,2				

Payload      in: 3 KB @ 2 msg/s (1,5 KB / 0,5sec) | out: 502.5 bytes (1523bytes and 518 bytes) + topic size

Provider 1 / Gateway 1 / QoS 2									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	271.8343634765625		282.4792246582031	272.1622578369141				
	stdev	13.388666668575091		21.87668985381931	12.503986440070525				
	max	731.404296875		1300.48388671875	551.5927734375				
	min	262.832763671875		271.01220703125	262.5380859375				
Reliability (avg)	msg received	1000		1000	1000				
	msg lost	0		0	0				

Provider 1 / Gateway 1 / QoS 1									
		Topic Size							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	239.21498146972655		252.7260858642578	241.24642468261717				
	stdev	11.000221831000667		42.56234785990378	16.384741273782776				
	max	774.236083984375		3429.9326171875	911.36962890625				
	min	230.275146484375		240.971923828125	230.8115234375				
Reliability (avg)	msg received	1000		1000	1000				
	msg lost	0		0	0				

Provider 1 / Gateway 1 / QoS 0									
		Topic Size							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	307.65121858016306		274.640697337963	340.23307661576706				
	stdev	75.13476157676502		51.24131769997375	120.04453039352423				
	max	500.68115234375		434.739990234375	696.067138671875				
	min	241.12109375		242.427490234375	239.831298828125				
Reliability (avg)	msg received	2,3		2,7	2,2				
	msg lost	997,7		997,3	997,8				

Payload      in: 125 KB @ 1 msg/s | out: 11076.0 bytes + topic size

Provider 1 / Gateway2 / QoS 2									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	210.23407124023439		210.11829521484376	211.0627408691406				
	stdev	13.753897386215476		20.581233971500637	15.45218246267555				
	max	650.009521484375		1232.24853515625	1222.821044921875				
	min	200.009521484375		198.564453125	199.40087890625				
Reliability (avg)	msg received	1000		1000	1000				
	msg lost	0		0	0				

Provider 1 / Gateway2 / QoS 1									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	179.0329899169922		179.14030168457032	180.77742951660156				
	stdev	20.88982400677773		31.727051360828696	81.48943390702343				
	max	831.173583984375		2279.088623046875	5574.84326171875				
	min	169.5166015625		169.28955078125	170.26904296875				
Reliability (avg)	msg received	1000		1000	1000				
	msg lost	0		0	0				

Provider 1 / Gateway2 / QoS 0									
		AUTs							
		AUT1		AUT2	AUT1				
Topic Size		15		29	29				
Latency (ms)	mean	176.78749186197916		173.71270282451923	181.78740583147322				
	stdev	26.86139699384375		2.59572640857625	12.753127807073982				
	max	321.0634765625		179.396240234375	210.6240234375				
	min	169.19091796875		169.397216796875	169.6611328125				
Reliability (avg)	msg received	3		2,6	1,4				
	msg lost	997		997,4	998,6				

Payload      in: 35 KB @ 1 msg/s | out: 9131 bytes +topic size