Siddhi Version		Latency (seconds)		Latency (95%)	Latency (90%)	Number of Threads		Iterations	Warmup iterations				
4.0.0-M53-SNAPSHOT (Normal Siddhi)	245000	4.00					11 million		20 2		10		
4.0.0-M94-SNAPSHOT (Siddhi with JIT Code Generation	367000	2.7	1 2.8	35 2.80	2.78	1	1 11 million		20 2)	10		
Performance gain	49%	-329	6										
Filter query				ige>45.0) and (ODIAve	rage>40.0 or ODIStrike	Rate>100.0) and not(T	20Average<10.0 or	T20StrikeRate>	50.0 and TestStrikeRa	e>65.0) or (0	DDIAverage<35	.0 or T20StrikeRate>13	30.0 and not(TestStrikeRate <
. , , ,	,			, (,				, . ,			
Siddhi Version	TPS L	Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events	Iterations	warmup iterations	Forks			
4.0.0-M53-SNAPSHOT (Normal Siddhi)	522000	1.98					11 million		20 2		10		
4.0.0-M94-SNAPSHOT (Siddhi with JIT Code Generation)		1.79					11 million		20 2	-	10		
THE TOTAL SHALL SHEET (SECURE WEEK)	0.7000	1.70		2.0	2.00				20 2	-			
Performance gain	10.54%	-9 239	,										
Filter query	TestAverage + 1 >		0										
riter query	resinverage + 1 >	40.0											
Siddhi Version	TPS L	Latency (seconds)	Latonov (00%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events	Itorations	warmup iterations	Forks			
4.0.0-M53-SNAPSHOT (Normal Siddhi)	419000	Latericy (seconds)	Latericy (9970)	Latericy (95 %)	Laterity (90 %)		2 11 million	iterations	20 2		10		
4.0.0-M94-SNAPSHOT (Siddhi with JIT Code Generation													
ייטיט שראארכ-שיטיט. (Siddil With Jil Code Generation) 573000	3.52	5 3.6	95 3.0	3.60	2	2 11 million		20 2	J	10		
B. 6													
Performance gain	37%												
Filter query	(TestAverage>45.0	u and TestStrikeRa	ite>45.0 or ODIAver	ige>45.0) and (ODIAve	rage>40.0 or ODIStrike	≺ate>100.0) and not(T	20Average<10.0 or	120StrikeRate>	150.0 and TestStrikeRa	e>65.0) or (0	UNAverage<35	.u or T20StrikeRate>13	30.0 and not(TestStrikeRate <
Siddhi Version	TPS L	Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads		Iterations	warmup iterations				
4.0.0-alpha5-SNAPSHOT (Normal Siddhi)							2 11 million		20 2		10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	i 823000	242	2 28	86 283	31 276	2	2 11 million		20 2	0	10		
Performance gain													
Filter query	TestAverage + 1 >	46.0											
Siddhi Version	TPS L	Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events	Iterations	warmup iterations	Forks			
4.0.0-alpha5-SNAPSHOT (Normal Siddhi)						5	11 million		20 2)	10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	ion)					5	11 million		20 2)	10		
Performance gain													
Filter query	(TestAverage>45.)	0 and TestStrikeRa	ite>45.0 or ODIAver	ige>45.0) and (ODIAve	rage>40.0 or ODIStrike	Rate>100.0) and not(T	20Average<10.0 or	T20StrikeRate>	50.0 and TestStrikeRat	e>65.0) or (0	DDIAverage<35	.0 or T20StrikeRate>13	30.0 and not(TestStrikeRate <
Siddhi Version	TPS L	Latency (seconds)	Latana (000/.)				Number of Events	Manations	warmup iterations	Forks			
4.0.0-alpha5-SNAPSHOT (Normal Siddhi)			Latericy (99%)	Latency (95%)	Latency (90%)	Number of Threads		iterations					
		catorioy (cocorido)	Latericy (99%)	Latency (95%)	Latency (90%)		11 million	iterations	20 2		10		
		catorioy (occorracy	Latericy (99%)	Latency (95%)	Latency (90%)	5	11 million	iterations)	10 10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:		culture) (coconiac)	Latericy (99%)	Latency (95%)	Latency (90%)	5		iterations	20 2)			
		Lateriory (Geochiae)	Latericy (99%)	Latency (95%)	Latency (90%)	5	11 million	Retations	20 2)			
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain	ion)		Latericy (99%)	Latency (95%)	Latency (90%)	5	11 million	lierations	20 2)			
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain			Latericy (99%)	Latency (95%)	Latency (90%)	5	11 million	lierations	20 2)			
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain	ion)		Latericy (99%)	Latency (95%)	Latency (90%)	5	11 million	iterations	20 2)			
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query	ion) TestAverage + 1 >	≻ 46.0				E	5 11 million 5 11 million		20 2	0			
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version	ion) TestAverage + 1 >			Latency (95%)	Latency (90%)	E Number of Threads	5 11 million 5 11 million Number of Events		20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi)	TestAverage + 1 >	≻ 46.0				Number of Threads	5 11 million 5 11 million Number of Events 11 million		20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version	TestAverage + 1 >	≻ 46.0				Number of Threads	5 11 million 5 11 million Number of Events		20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	TestAverage + 1 >	≻ 46.0				Number of Threads	5 11 million 5 11 million Number of Events 11 million		20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain	TestAverage +1 > TPS L ion)	46.0 Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events 11 million	Iterations	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10 10 10	i n or 190StrikeDetes 1	39.0 and not/TastStrik-Date.
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain	TestAverage +1 > TPS L ion)	46.0 Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events 11 million	Iterations	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10 10 10	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain	TestAverage +1 > TPS L ion)	46.0 Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events 11 million	Iterations	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks	10 10 10	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query	TestAverage + 1 > TPS L ion) (TestAverage>45.0	46.0 Latency (seconds) 0 and TestStrikeRa	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 10 Rate>100.0) and not(T	5 11 million 5 11 million Number of Events 11 million 0 11 million 20Average<10.0 or	Iterations T20StrikeRate>	20 2 2 20 2 20 20 20 20 20 20 20 20 20 2	Forks)) 0 (0)	10 10 10	.0 or T20StrikeRate>1:	30.0 and not/TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query	TestAverage + 1 > TPS L ion) (TestAverage>45.0	46.0 Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads 10 10 Rate>100.0) and not(T	5 11 million 5 11 million Number of Events 0 11 million 11 million 20Average<10.0 or	Iterations T20StrikeRate>	20 2 20 2 warmup iterations 20 2 20 2 150.0 and TestStrikeRat warmup iterations	Forks D Forks Forks Forks	10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi)	TestAverage + 1 > TPS L ion) (TestAverage>45.0	46.0 Latency (seconds) 0 and TestStrikeRa	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 11 Rate>100.0) and not(T	5 11 million 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million	Iterations T20StrikeRate>	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks Forks D	10 10 10 DDIAverage<35	.0 or T20StrikeRate≻1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query	TestAverage + 1 > TPS L ion) (TestAverage>45.0	46.0 Latency (seconds) 0 and TestStrikeRa	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 11 Rate>100.0) and not(T	5 11 million 5 11 million Number of Events 0 11 million 11 million 20Average<10.0 or	Iterations T20StrikeRate>	20 2 20 2 warmup iterations 20 2 20 2 150.0 and TestStrikeRat warmup iterations	Forks Forks D	10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	TestAverage + 1 > TPS L ion) (TestAverage>45.0	46.0 Latency (seconds) 0 and TestStrikeRa	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 11 Rate>100.0) and not(T	5 11 million 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million	Iterations T20StrikeRate>	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks Forks D	10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion)	46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 11 Rate>100.0) and not(T	5 11 million 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million	Iterations T20StrikeRate>	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks Forks D	10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	TestAverage + 1 > TPS L ion) (TestAverage>45.0	46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 11 Rate>100.0) and not(T	5 11 million 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million	Iterations T20StrikeRate>	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks Forks D	10 10 10 DDIAverage<35	.0 or T20StrikeRate≻1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion)	46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 11 Rate>100.0) and not(T	5 11 million 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million	Iterations T20StrikeRate>	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks Forks D D D D D D D D D	10 10 10 DDIAverage<35	.0 or T20StrikeRate>13	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Performance gain Filter query	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion) TPS L ion)	- 46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%) tte>45.0 or ODIAven Latency (99%)	Latency (95%) loge>45.0) and (ODIAve Latency (95%)	Latency (90%) rage>40.0 or ODIStrike Latency (90%)	Number of Threads 10 11 Rate>100.0) and not(T Number of Threads	5 11 million 5 11 million Number of Events 5 11 million 11 million 20Average<10.0 or Number of Events 11 million 11 million	Iterations T20StrikeRate> Iterations	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 10 10 DDIAverage<35	.0 or T20StrikeRate>13	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion) TPS L ion)	46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%) tte>45.0 or ODIAven Latency (99%)	Latency (95%) ge>45.0) and (ODIAve	Latency (90%) rage>40.0 or ODIStrike	Number of Threads 10 10 10 Number of Threads 11 Number of Threads	5 11 million 5 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million 11 million	Iterations T20StrikeRate> Iterations	20 2 20 2 20 2 20 2 20 2 20 2 20 2 20 2	Forks Forks Forks Forks	10 10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi)	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion) TestAverage + 1 > TestAverage + 1 >	- 46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%) tte>45.0 or ODIAven Latency (99%)	Latency (95%) loge>45.0) and (ODIAve Latency (95%)	Latency (90%) rage>40.0 or ODIStrike Latency (90%)	Number of Threads Rate>100.0) and not(T Number of Threads 10 10 Number of Threads 10 10 Number of Threads	Number of Events 11 million Number of Events 11 million Number of Events 11 million 11 million Number of Events 11 million Number of Events 11 million	Iterations T20StrikeRate> Iterations	20 2 20 2 warmup iterations 20 2 20 2 50.0 and TestStrikeRat warmup iterations 20 2 20 2 warmup iterations 20 2 20 2 20 2	Forks Forks Forks Forks	10 10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not(TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha5-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion) TestAverage + 1 > TestAverage + 1 >	- 46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%) tte>45.0 or ODIAven Latency (99%)	Latency (95%) loge>45.0) and (ODIAve Latency (95%)	Latency (90%) rage>40.0 or ODIStrike Latency (90%)	Number of Threads Rate>100.0) and not(T Number of Threads 10 10 Number of Threads 10 10 Number of Threads	5 11 million 5 11 million Number of Events 11 million 11 million 20Average<10.0 or Number of Events 11 million 11 million	Iterations T20StrikeRate> Iterations	20 2 20 2 20 2 20 2 20 2 20 2 20 2 20 2	Forks Forks Forks Forks	10 10 10 10 DDIAverage<35	.0 or T20StrikeRate>13	30.0 and not(TestStrikeRate ⊲
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi)	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion) TestAverage + 1 > TestAverage + 1 >	- 46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds)	Latency (99%) tte>45.0 or ODIAven Latency (99%)	Latency (95%) loge>45.0) and (ODIAve Latency (95%)	Latency (90%) rage>40.0 or ODIStrike Latency (90%)	Number of Threads Rate>100.0) and not(T Number of Threads 10 10 Number of Threads 10 10 Number of Threads	Number of Events 11 million Number of Events 11 million Number of Events 11 million 11 million Number of Events 11 million Number of Events 11 million	Iterations T20StrikeRate> Iterations	20 2 20 2 warmup iterations 20 2 20 2 50.0 and TestStrikeRat warmup iterations 20 2 20 2 warmup iterations 20 2 20 2 20 2	Forks Forks Forks Forks	10 10 10 10 DDIAverage<35	.0 or T20StrikeRate>1:	30.0 and not/TestStrikeRate <
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat: Performance gain Filter query Siddhi Version 4.0.0-alpha6-SNAPSHOT (Normal Siddhi) 4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generat:	TestAverage + 1 > TPS L ion) (TestAverage>45.0 TPS L ion) TestAverage + 1 > TPS L ion)	46.0 Latency (seconds) 0 and TestStrikeRa Latency (seconds) 46.0 Latency (seconds)	Latency (99%) te>45.0 or ODIAven Latency (99%) Latency (99%)	Latency (95%) loge>45.0) and (ODIAve Latency (95%) Latency (95%)	Latency (90%) rage>40.0 or ODIStrike Latency (90%)	Number of Threads 10. Rate>100.0) and not(T 10. Number of Threads 10. Number of Threads 10. 10.	Number of Events 11 million Number of Events 11 million	Iterations T20StrikeRate> Iterations Iterations	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Forks Forks Forks Forks	10 10 10 10 DDIAverage<35 10 10		30.0 and not(TestStrikeRate < 30.0 and not(TestStrikeRate ≤

Siddhi Version	TPS	Latency (seconds)	Latency (99%)	Latency (95%)	Latency (90%)	Number of Threads	Number of Events	Iterations	warmup iterations	Forks			
4.0.0-alpha5-SNAPSHOT (Normal Siddhi)						100	11 million		20 20) 1	0		
4.0.0-alpha6-SNAPSHOT (Siddhi with JIT Code Generati	.on)					100	11 million		20 20) 1	0		
Performance gain													
Filter query	TestAverage + 1	> 46.0											
These tests were conducted using JMH.													
JAVA													
Hardware													
OS													