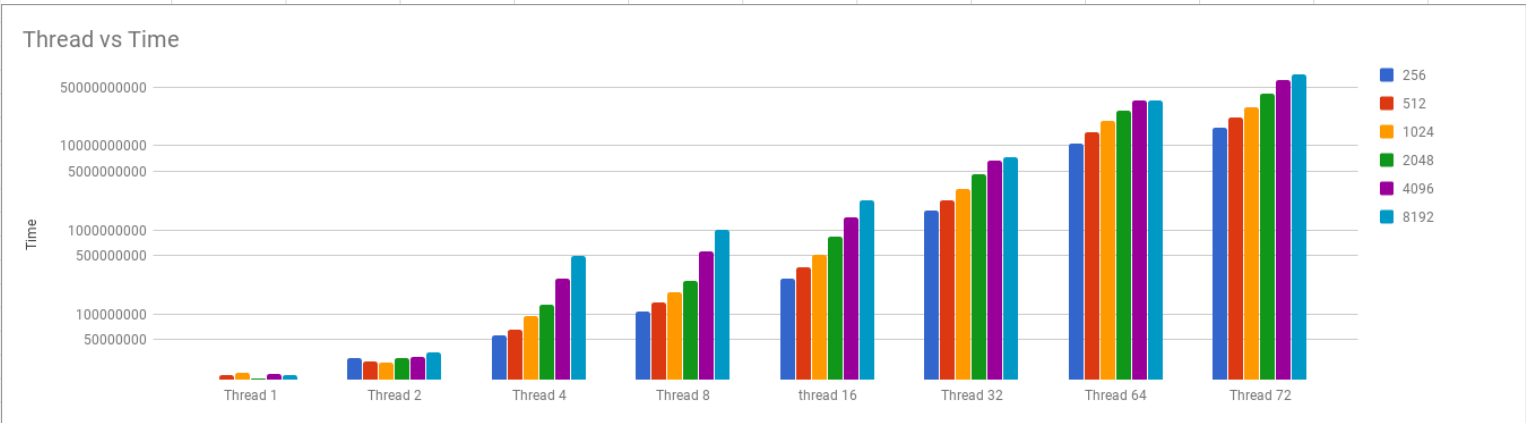


Filter size	Thread 1	Thread 2	Thread 4	Thread 8	thread 16	Thread 32	Thread 64	Thread 72				
256	16530245	29796632	56793009	106811141	265901708	1697018959	10662230991	16528466029				
512	19232945	27759103	65897699	136118771	363377177	2246598443	14598709935	21926510219				
1024	20103950	26828475	95423364	181890405	510993166	3111279375	19506555906	28953506422				
2048	17299501	30336487	128800420	250835297	833346912	4604959592	26046959357	41417087076				
4096	19792693	31475487	265413665	559420722	1414630781	6615827090	34622755151	60776646759				
8192	18907929	35480185	491065732	1015611057	2235990881	7423331513	34111756032	69454496616				



Analysis: As the filter size increases, latency also increases. This is because latency of sequentially walking through filters increases. Even though the abort rate decreases with larger filter size, the dominant latency is from walking through the filters.

Filtersize	256	512	1K	2K	4K	8K						
Tx started	29656	28159	27979	28015	27870	27954						
	28902	28315	27956	28142	28019	28027						
	28966	28343	27800	27610	28059	27709						
	29364	28217	27826	27664	27970	28045						
	28962	28308	28504	27501	27686	27844						
Average	29170	28268.4	28013	27786.4	27920.8	27915.8						
Tx success	16000	16000	16000	16000	16000	16000						
Filtersize	256	512	1K	2K	4K	8K						
Abort rate	45.14912581	43.39969719	42.88366116	42.41787349	42.69505172	42.68478783						

