

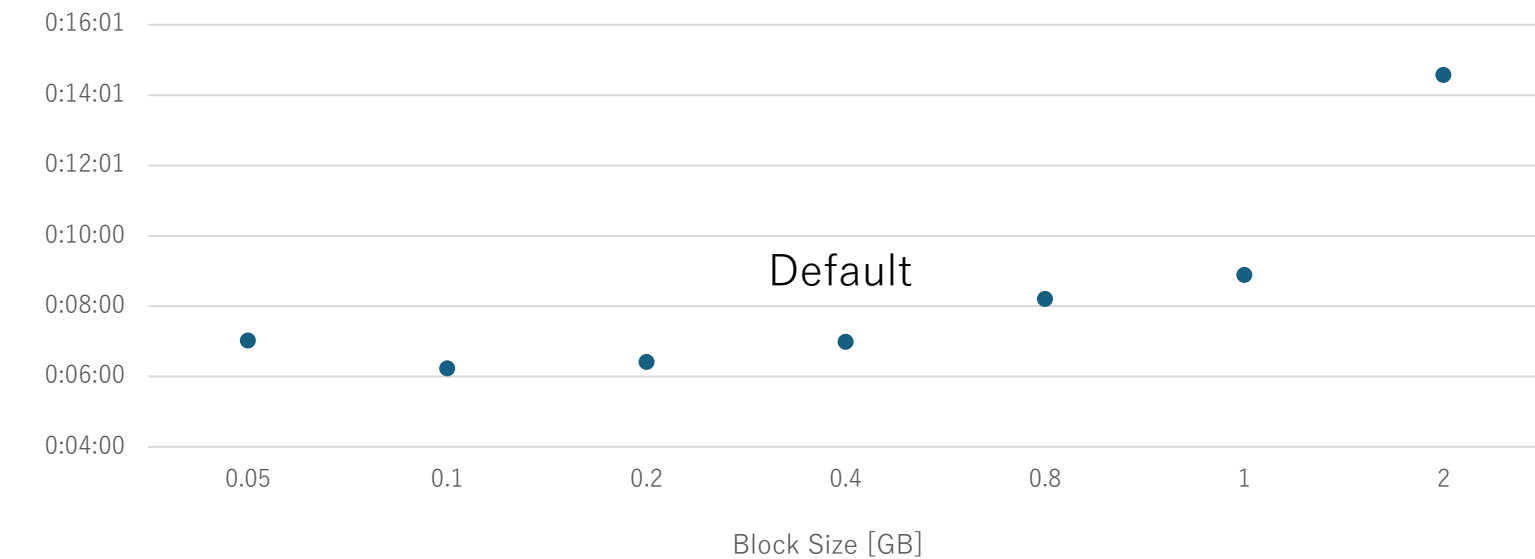
- Change the block size by adjusting only subintegration length

Used session : C26221

Used scan : 221-1135a - 221-1141b (10 scans)

The number of server : six

Processing time for 10 scans by block size



Default value
subintegration length : 0.1s
Recording rate : 1Gbps
dataBufferFactor : 32
nDataSegmentes : 8

subint [s]	0.0125	0.025	0.05	0.1	0.2	0.25	0.5
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Optimal block size is 0.1GB or 0.2GB.

- Adjust the parameters so that block sizes is 0.1 GB or 0.2 GB

Processing time for different parameter combinations

BlockSize <u>0.2 GB</u>	
nDataSegments 8	
subintegration length	
	0.0125 0.025 0.05 0.1 0.2
dataBufferFactor	8
	16
	32
	64
	128

BlockSize <u>0.1 GB</u>	
nDataSegments 16	
subintegration length	
	0.0125 0.025 0.05 0.1 0.2
dataBufferFactor	8
	16
	32
	64
	128

Default: 0:07:00



0:05:49

subintegration length : 0.1s
Recording rate : 1Gbps
dataBufferFactor : 32
nDataSegmentes : 8

subintegration length : 0.025s
Recording rate : 1Gbps
dataBufferFactor : 64
nDataSegmentes : 16