

# Log compaction

**max.compaction.lag.ms**

**min.cleanable.dirty.ratio**

**+**

**min.compaction.lag.ms**

# Log compaction

**max.compaction.lag.ms**  
Long.MAX\_VALUE

**min.cleanable.dirty.ratio**  
0.5

+

**min.compaction.lag.ms**  
0

# Log compaction

**log.cleaner.max.compaction.lag.ms**  
**max.compaction.lag.ms**  
Long.MAX\_VALUE

**log.cleaner.min.cleanable.ratio**  
**min.cleanable.dirty.ratio**  
0.5  
**+**  
**log.cleaner.min.compaction.lag.ms**  
**min.compaction.lag.ms**  
0

# Log compaction

CPU/IOPS

RAM

# Log compaction

## CPU/IOPS

`log.cleaner.threads`

The number of background threads to use for log cleaning

**1**

**RAM**

# Log compaction

## CPU/IOPS

**log.cleaner.threads**

The number of background threads to use for log cleaning

**1**

**log.retention.check.interval.ms**

Frequency Log Cleaner checks if log is eligible for deletion

**5 minutes**

## RAM

# Log compaction

## CPU/IOPS

**log.cleaner.threads**

The number of background threads to use for log cleaning

**1**

**log.retention.check.interval.ms**

Frequency Log Cleaner checks if log is eligible for deletion

**5 minutes**

**log.cleaner.backoff.ms**

Time to sleep when there are no logs to clean

**15 seconds**

## RAM

# Log compaction

## CPU/IOPS

<code>log.cleaner.threads</code>	The number of background threads to use for log cleaning	<b>1</b>
<code>log.retention.check.interval.ms</code>	Frequency Log Cleaner checks if log is eligible for deletion	<b>5 minutes</b>
<code>log.cleaner.backoff.ms</code>	Time to sleep when there are no logs to clean	<b>15 seconds</b>
<code>log.cleaner.io.max.bytes.per.second</code>	The sum of its read and write I/O will be less than this	<b>Double.MAX</b>

## RAM



# Log compaction

## CPU/IOPS

<code>log.cleaner.threads</code>	The number of background threads to use for log cleaning	<b>1</b>
<code>log.retention.check.interval.ms</code>	Frequency Log Cleaner checks if log is eligible for deletion	<b>5 minutes</b>
<code>log.cleaner.backoff.ms</code>	Time to sleep when there are no logs to clean	<b>15 seconds</b>
<code>log.cleaner.io.max.bytes.per.second</code>	The sum of its read and write I/O will be less than this	<b>Double.MAX</b>

## RAM

<code>log.cleaner.dedupe.buffer.size</code>	Total memory for log deduplication across all cleaner threads	<b>128 MiB</b>
---	---	----------------

# Log compaction

## CPU/IOPS

<code>log.cleaner.threads</code>	The number of background threads to use for log cleaning	<b>1</b>
<code>log.retention.check.interval.ms</code>	Frequency Log Cleaner checks if log is eligible for deletion	<b>5 minutes</b>
<code>log.cleaner.backoff.ms</code>	Time to sleep when there are no logs to clean	<b>15 seconds</b>
<code>log.cleaner.io.max.bytes.per.second</code>	The sum of its read and write I/O will be less than this	<b>Double.MAX</b>

## RAM

<code>log.cleaner.dedupe.buffer.size</code>	Total memory for log deduplication across all cleaner threads	<b>128 MiB</b>
<code>log.cleaner.io.buffer.size</code>	Total memory for log cleaner I/O buffers across all cleaner threads	<b>0.5 MiB</b>