

Producer

Consumer

Producer

Consumer

batch.size

linger.ms

Producer

batch.size

linger.ms

Consumer

fetch.min.bytes

fetch.max.wait.ms

Producer

batch.size
16 KiB

linger.ms



Consumer

fetch.min.bytes

fetch.max.wait.ms

Producer

batch.size
16 KiB



linger.ms

Consumer

fetch.min.bytes

fetch.max.wait.ms
500 ms



Producer

batch.size
16 KiB



linger.ms
0



Consumer

fetch.min.bytes

fetch.max.wait.ms
500 ms



Producer

batch.size
16 KiB



linger.ms
0



Consumer

fetch.min.bytes
1B



fetch.max.wait.ms
500 ms



Batching. Consumer

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fetch.min.bytes Minimum amount of data Consumer wants to receive from the broker when fetching records

1

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fetch.min.bytes Minimum amount of data Consumer wants to receive from the broker when fetching records

1

fetch.max.wait.ms How long to wait before returning data to consumer

500 ms

Batching. Consumer

fetch.min.bytes Minimum amount of data Consumer wants to receive from the broker when fetching records

1

fetch.max.wait.ms How long to wait before returning data to consumer

500 ms

fetch.max.bytes Maximum data to return (across all partitions). If the first batch exceeds this size, it will be sent and the limit will be ignored

50 MiB

Batching. Consumer

fetch.min.bytes	Minimum amount of data Consumer wants to receive from the broker when fetching records	1
fetch.max.wait.ms	How long to wait before returning data to consumer	500 ms
fetch.max.bytes	Maximum data to return (across all partitions). If the first batch exceeds this size, it will be sent and the limit will be ignored	50 MiB
max.poll.records	Maximum number of records that a single call to poll() will return (how much records application should process in one iteration).	500

Batching. Consumer

fetch.min.bytes Minimum amount of data Consumer wants to receive from the broker when fetching records 1

fetch.max.wait.ms How long to wait before returning data to consumer 500 ms

fetch.max.bytes Maximum data to return (across all partitions). If the first batch exceeds this size, it will be sent and the limit will be ignored 50 MiB

max.poll.records Maximum number of records that a single call to poll() will return (how much records application should process in one iteration). 500

max.partition.fetch.bytes The maximum amount of data per-partition the server will return 1 MiB

Batching. Broker

Batching. Broker

The largest record batch size allowed

Batching. Broker

Broker

`message.max.bytes`

The largest record batch size allowed

Batching. Broker

Broker

`message.max.bytes`

The largest record batch size allowed

Topic

`max.message.bytes`

Batching. Broker

Broker

`message.max.bytes`

~1 MiB

The largest record batch size allowed

Topic

`max.message.bytes`

~1 MiB

Batching. Broker

Broker

message.max.bytes

~1 MiB

fetch.max.bytes

55 MiB

The largest record batch size allowed

The maximum amount of data to
return to Consumer

Topic

max.message.bytes

~1 MiB