**Topics:** 10

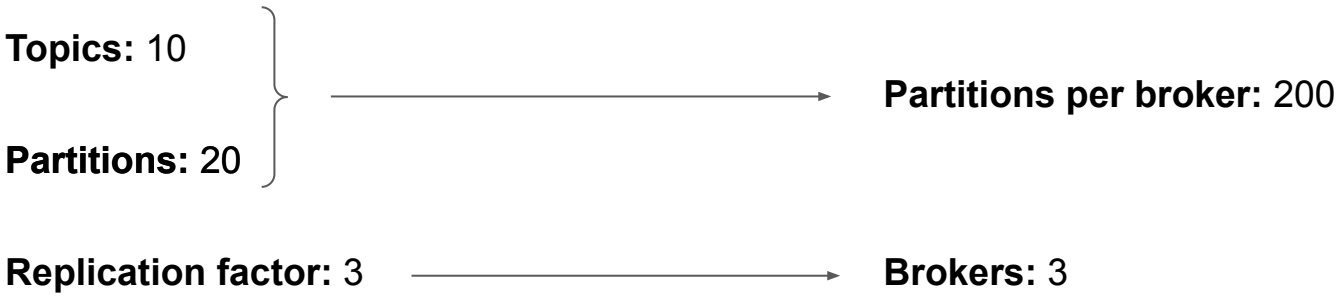
**Partitions:** 20

**Replication factor:** 3

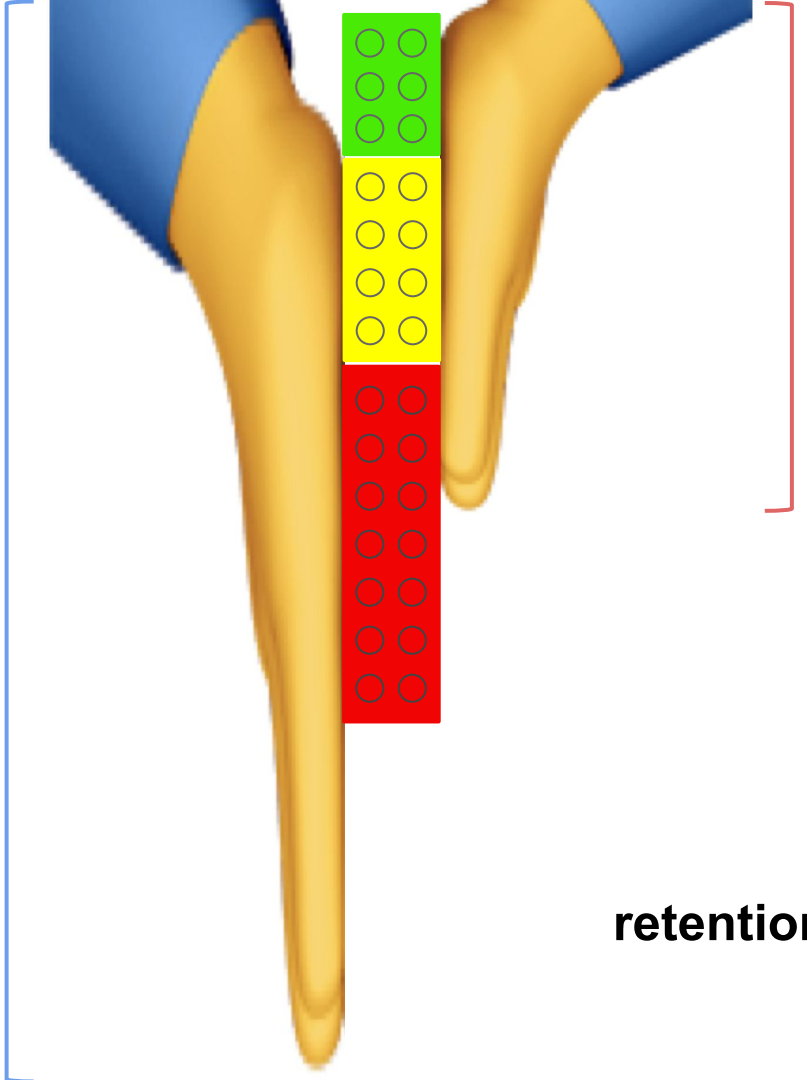
**Topics:** 10

**Partitions:** 20

**Replication factor:** 3 **Brokers:** 3


**Topics:** 10
**Partitions:** 20
**Partitions per broker:** 200
**Replication factor:** 3
**Brokers:** 3

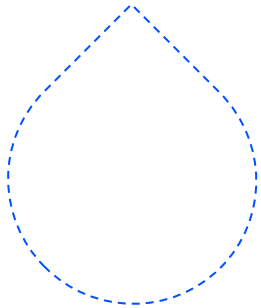
retention.bytes
-1



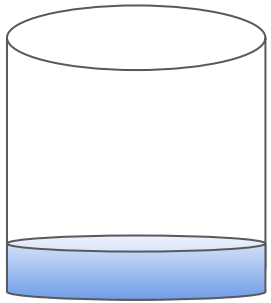
retention.ms
7 days

Max millis
=
retention.ms + segment.ms

segment.bytes
1 GiB



segment.ms
7 days



**Topics:** 10
**Partitions:** 20
**Partitions per broker:** 200
**Replication factor:** 3
**Brokers:** 3
**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
| --- | --- | --- |
| | | |
| | | |
| | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| *Slow* | | |
| *Medium* | | |
| *Fast* | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** | | |
| ***Medium*** - 5.95 MB | | |
| ***Fast*** | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | | |
| ***Medium*** - 5.95 MB | | |
| ***Fast*** - 10 GB | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | | |
| ***Medium*** - 5.95 MB | 2 w * 168 hrs/w * 5.95 MB | |
| ***Fast*** - 10 GB | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | | |
| ***Medium*** - 5.95 MB | 2 GB | |
| ***Fast*** - 10 GB | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | 2 w * 168 hrs/w * 100 KB | |
| ***Medium*** - 5.95 MB | 2 GB | |
| ***Fast*** - 10 GB | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | 33.6 MB | |
| ***Medium*** - 5.95 MB | 2 GB | |
| ***Fast*** - 10 GB | | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | 33.6 MB | |
| ***Medium*** - 5.95 MB | 2 GB | |
| ***Fast*** - 10 GB | 1 w * 168 hrs/w * 10 GB | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | 33.6 MB | |
| ***Medium*** - 5.95 MB | 2 GB | |
| ***Fast*** - 10 GB | 1.68 TB | |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

| Bytes/hour (per partition) | Partition max size | Broker Disk size |
|---|---|---|
| ***Slow*** - 100 KB | 33.6 MB | 6.7 GB |
| ***Medium*** - 5.95 MB | 2 GB | 400 GB |
| ***Fast*** - 10 GB | 1.68 TB | 336 TB |

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Max cleanup period:** 14 days

**Disk per broker: 100 GB**

**Goal: 70% Disk Usage**

**Topics:** 10

**Partitions:** 20

**Replication factor:** 3

**Disk per broker:** 100 GB

**Goal:** 70% **Disk Usage**

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Disk per broker:** 100 GB

**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

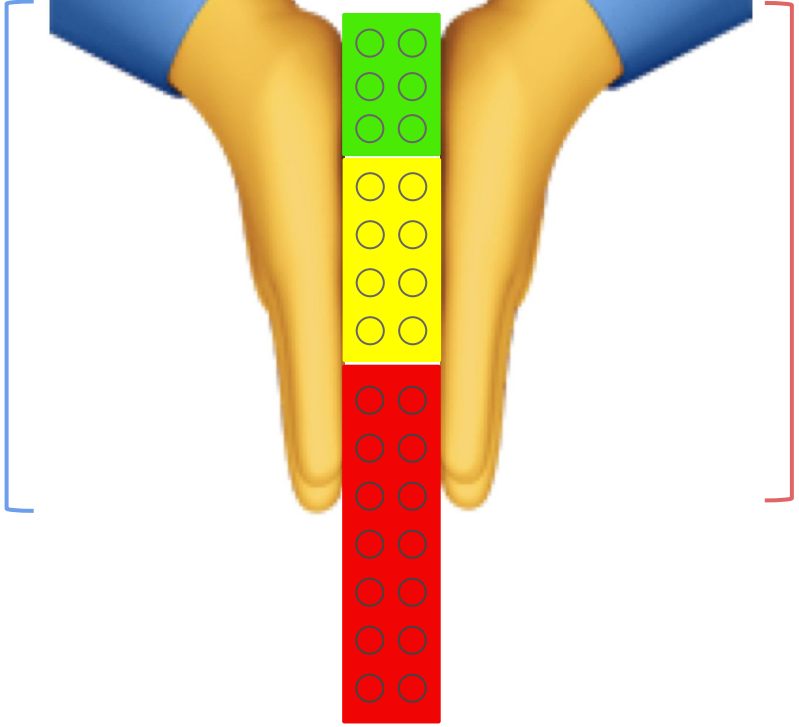
**Partitions:** 20

**Partitions per broker:** 200

**Replication factor:** 3

**Brokers:** 3

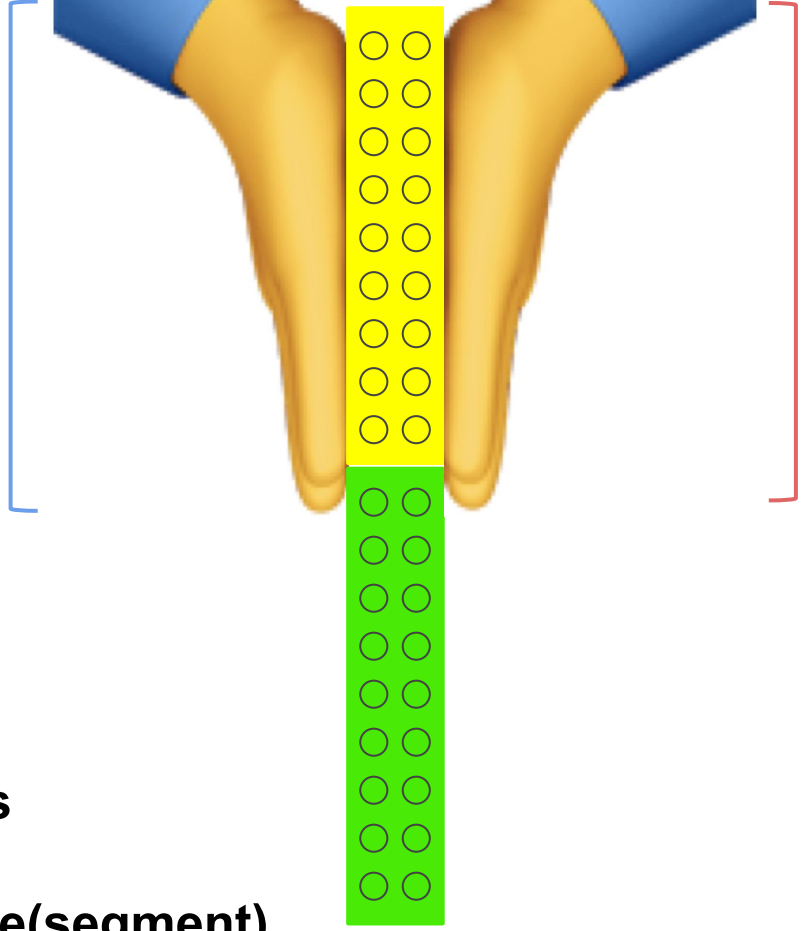
**retention.bytes**
350 MB



**retention.ms**

**Max bytes**
**=**
**retention.bytes + size(segment)**

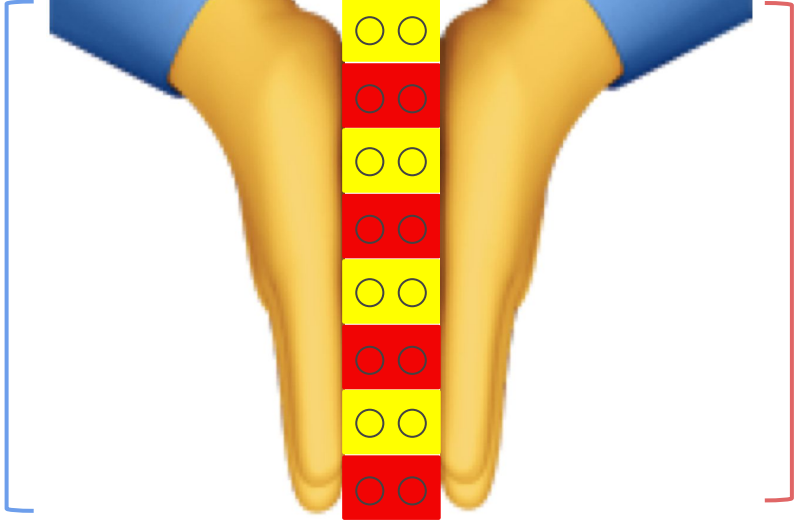
**retention.bytes**
350 MB



**retention.ms**

**Max bytes**
**=**
**retention.bytes + size(segment)**

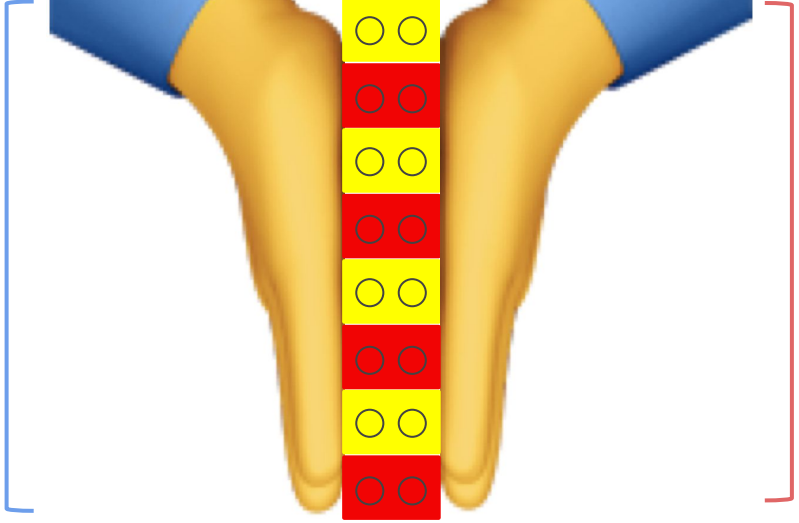
**retention.bytes**
350 MB



**retention.ms**

**Max bytes**
**=**
**retention.bytes +** size(segment)

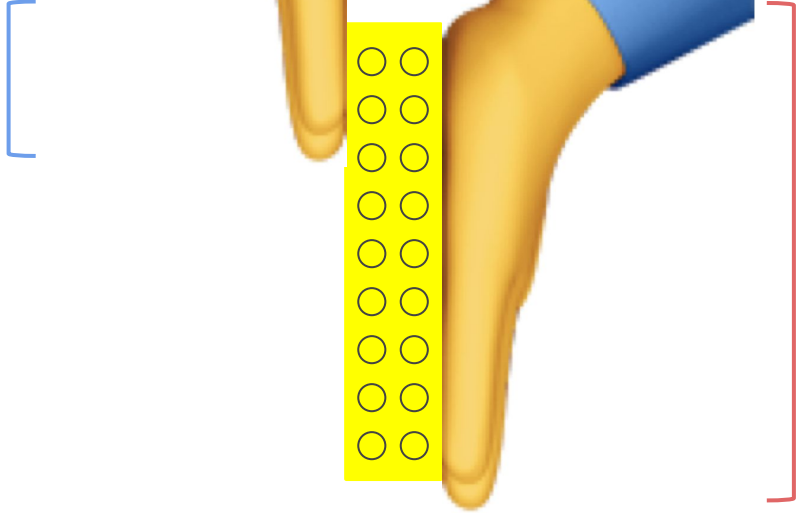
**retention.bytes**
350 MB



**retention.ms**

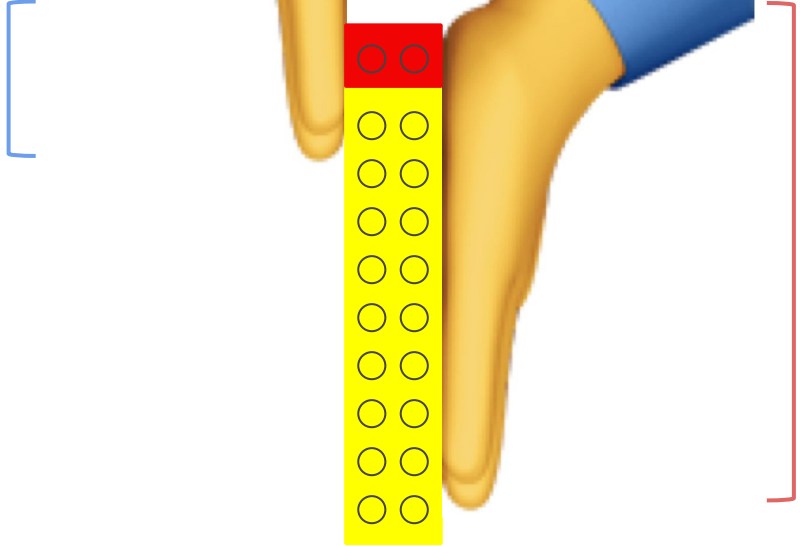
**Max bytes**
**=**
**retention.bytes +** size(segment)

**retention.bytes**
20 MB



**retention.ms**

**Max bytes**
**=**
**retention.bytes + size(segment)**

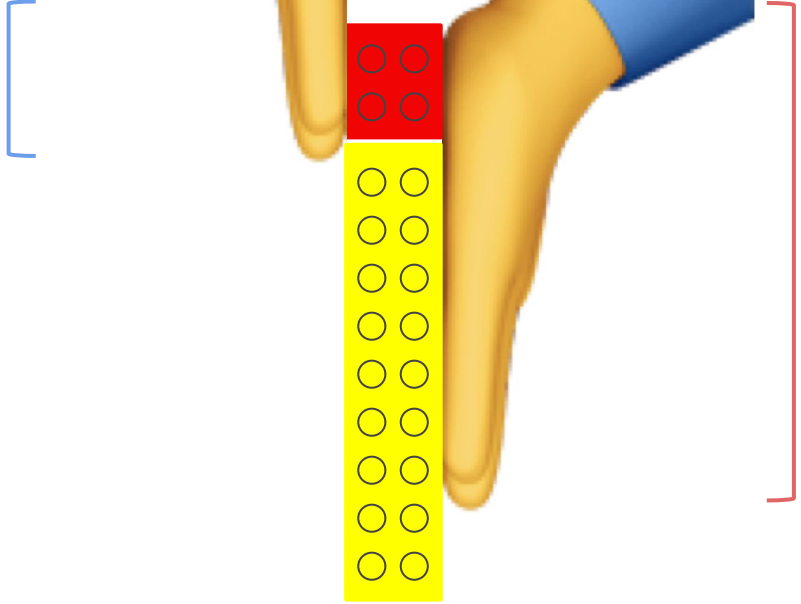


**retention.bytes**
20 MB

**retention.ms**

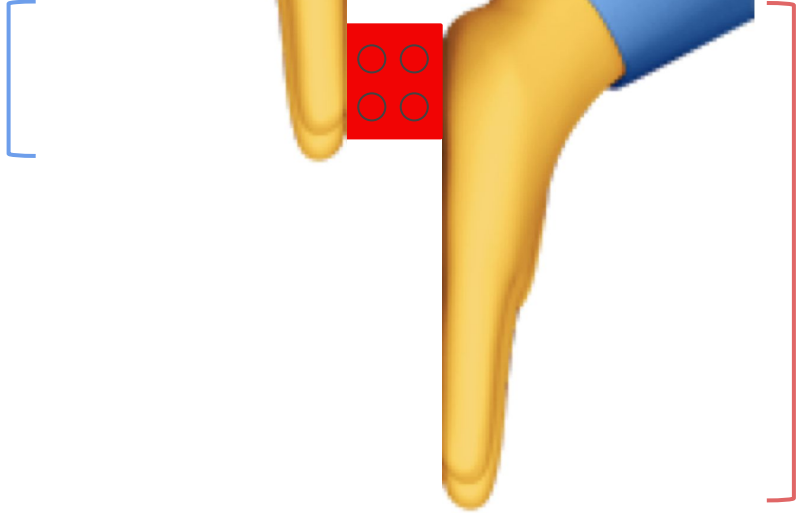
**Max bytes**
**=**
retention.bytes **+ size(segment)**

**retention.bytes**
20 MB



**retention.ms**

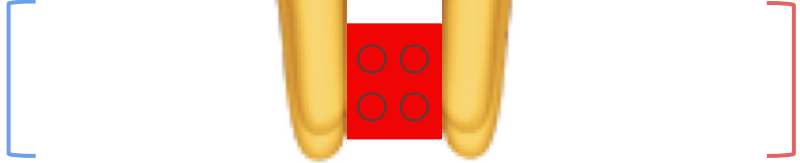
**Max bytes**
**=**
**retention.bytes + size(segment)**



**retention.bytes**
20 MB

**retention.ms**

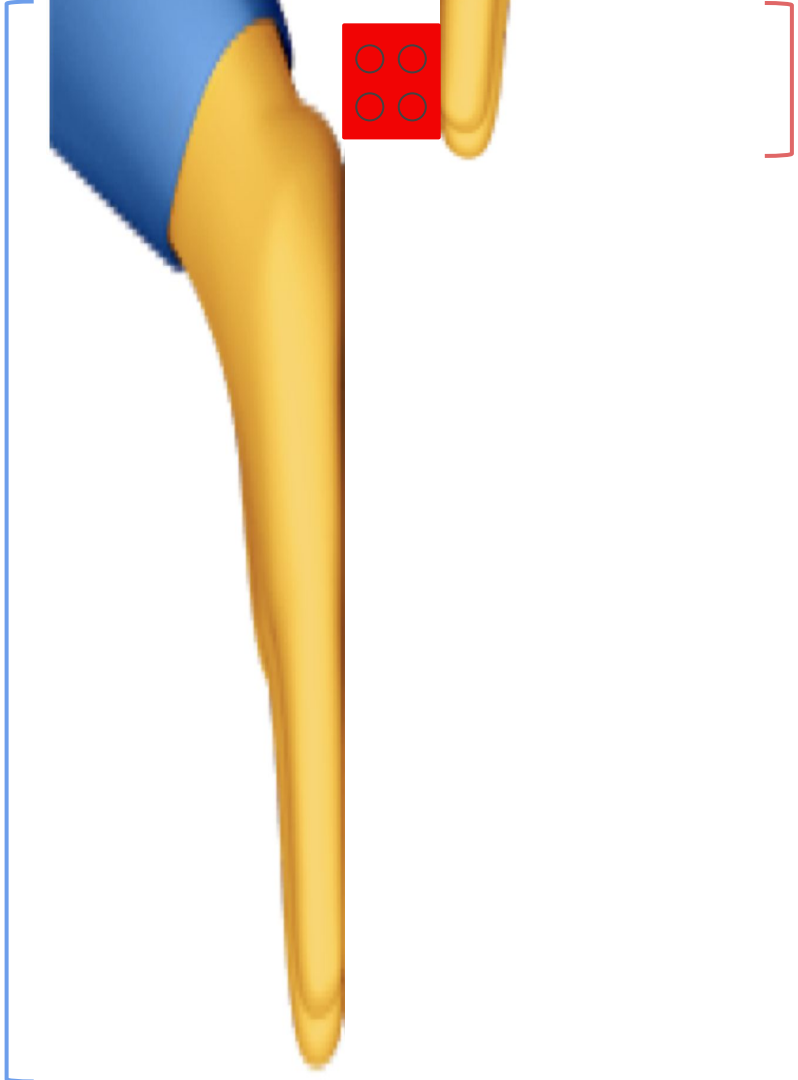
**Max bytes**
**=**
**retention.bytes + size(segment)**



**retention.bytes**
20 MB

**retention.ms**
**2 minutes**

retention.bytes
-1



retention.ms
2 minutes

**Disk per broker:** 100 GB

**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20



**Partitions per broker:** 200

**Replication factor:** 3



**Brokers:** 3

**retention.bytes**
20 MB

**Disk per broker: 100 GB**

**Goal: 70% Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

**Partitions per broker:** 200

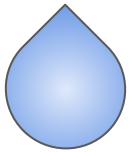
**Replication factor:** 3

**Brokers:** 3

**Disk per broker:** **100 GB**

**retention.bytes**
20 MB

**segment.bytes**
330 MB



**Goal:** **70%** **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

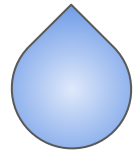
→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Disk per broker:** 100 GB

**retention.bytes**
20 MB
**segment.ms**
2 minutes

**segment.bytes**
330 MB



**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

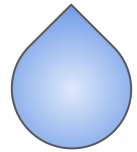
→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Disk per broker:** 100 GB

**retention.bytes**
20 MB
**segment.ms**
2 minutes

**segment.bytes**
330 MB



**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

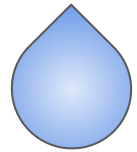
→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Disk per broker:** 100 GB

**retention.bytes**
20 MB
**segment.ms**
2 minutes

**segment.bytes**
330 MB



**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

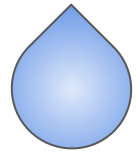
→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Disk per broker:** 100 GB

**retention.bytes**
20 MB
**segment.ms**
2 minutes

**segment.bytes**
330 MB



**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

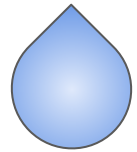
→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3

**Disk per broker:** 100 GB

**retention.bytes**
20 MB
**segment.ms**
2 minutes

**segment.bytes**
330 MB



**Goal:** 70% **Disk Usage**

**Partition max size:** 70 GB / 200 = **350 MB**

**Topics:** 10

**Partitions:** 20

→ **Partitions per broker:** 200

**Replication factor:** 3 → **Brokers:** 3