

Google Cloud

Content Limits

Synchronous Requests - ~1 Minute

Asynchronous Requests - ~180 Minutes

Streaming Requests - ~1 Minute

Request Limits

Requests per 100 seconds - 500

Processing per 100 seconds - 10,800 seconds of audio

Processing per day - 480 hours of audio

Producer Node



Video Producer



Text Producer



Video Producer



Text Producer

vCPU - 2

Main Memory (Gib) - 7

SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

Throughput IOPS - 8x500

Kafka Node

Zookeeper

Kafka Broker

- * x1 Replication Factor

- * x1 Partitions

- * x2 Topics

vCPU - 2

Main Memory (Gib) - 7

SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

Throughput IOPS - 8x500

Storm Node

Apache Storm

- * x2 Kafka Spouts

- * x3 Bolts

vCPU - 2

Main Memory (Gib) - 7

SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

Throughput IOPS - 8x500

Warehouse Node

Neo4j Graph Database

vCPU - 2

Main Memory (Gib) - 7

SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

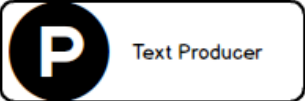
Throughput IOPS - 8x500

Google Cloud

Producer Node



Video Producer



Text Producer



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vCPU - 2

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Max Data Disks - 4

Throughput IOPS - 8x500

Kafka Node

Zookeeper

Kafka Broker

- * x1 Replication Factor
- * x1 Partitions
- * x2 Topics

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SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

Throughput IOPS - 8x500

Storm Node

Apache Storm

- * x2 Kafka Spouts
- * x3 Bolts

vCPU - 2

Main Memory (Gib) - 7

SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

Throughput IOPS - 8x500

Storage Node

Neo4j Graph Database

vCPU - 2

Main Memory (Gib) - 7

SSD Temp Storage (Gib) - 100

Max Temp Storage - 6000

IOPS Read MBps / Write MBps - 93 / 46

Max Data Disks - 4

Throughput IOPS - 8x500

