

01-kafka

es nodejsnpruntjava

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1. 3kafka

l-es-node1.pub.dev.ten.dm:10.32.16.129
l-es-node2.pub.dev.ten.dm10.32.32.102
l-es-node3.pub.dev.ten.dm10.32.16.119

<http://kafka.apache.org/downloads>

USE CASES

DOCUMENTATION

PERFORMANCE

POWERED BY

PROJECT INFO

ECOSYSTEM

CLIENTS

EVENTS

CONTRIBUTING

You can verify your download by following these [procedures](#) and using these [KEYS](#).

2.0.0

- Released July 30, 2018
- [Release Notes](#)
- Source download: [kafka-2.0.0-src.tgz \(asc, sha512\)](#)
- Binary downloads:
 - Scala 2.11 - [kafka_2.11-2.0.0.tgz \(asc, sha512\)](#)
 - Scala 2.12 - [kafka_2.12-2.0.0.tgz \(asc, sha512\)](#)

We build for multiple versions of Scala. This only matters if you are using Scala and you want a version built for the same Scala version you use. Otherwise all work (2.11 is recommended).

Kafka 2.0.0 includes a number of significant new features. Here is a summary of some notable changes:

```
[root@l-es-nodel.pub.dev.ten.dm liwei5]# ll
total 306736
drwxr-xr-x 7 liwei5 root          4096 Jun  3 17:48 elasticsearch
-rw-r--r-- 1 liwei5 vk-dev    33779625 Jun  3 18:25 elasticsearch.tar.gz
-rw-r----- 1 liwei5 root          3042 Jul 22 14:36 elasticsearch.yml
drwxr-xr-x 7 root    root          4096 Jul 29 17:06 grafana-4.4.3
-rw-r--r-- 1 liwei5 vk-dev    47282503 Jul 29 17:05
grafana-4.4.3.linux-x64.tar.gz
-rw-r--r-- 1 liwei5 vk-dev    181266325 Jun  3 18:25 java.tar.gz
-rw-r--r-- 1 liwei5 vk-dev    50326212 Sep 16 19:06 kafka_2.12-1.1.0.tgz
drwxr-xr-x 7      501 games          4096 Sep  7 11:17 pip-1.5.4
-rw-r--r-- 1 root    root          1081874 Apr 21 2016 pip-1.5.4.tar.gz
[root@l-es-nodel.pub.dev.ten.dm liwei5]#
[root@l-es-nodel.pub.dev.ten.dm liwei5]#
[root@l-es-nodel.pub.dev.ten.dm liwei5]# pwd
/home/liwei5
[root@l-es-nodel.pub.dev.ten.dm liwei5]# tar -zxvf kafka_2.12-1.1.0.tgz
kafka_2.12-1.1.0/
kafka_2.12-1.1.0/LICENSE
kafka_2.12-1.1.0/NOTICE
kafka_2.12-1.1.0/bin/
kafka_2.12-1.1.0/bin/connect-distributed.sh
...
[root@l-es-nodel.pub.dev.ten.dm liwei5]# cp -R kafka_2.12-1.1.0 /opt/
[root@l-es-nodel.pub.dev.ten.dm liwei5]#
[root@l-es-nodel.pub.dev.ten.dm liwei5]# cd /opt/
[root@l-es-nodel.pub.dev.ten.dm opt]# mv kafka_2.12-1.1.0 kafka
^C
[root@l-es-nodel.pub.dev.ten.dm opt]# cd /opt/
[root@l-es-nodel.pub.dev.ten.dm opt]# ll
total 32
drwxr-xr-x  7 elasticsearch root 4096 Sep 11 13:42 elasticsearch
drwxr-xr-x  3 elasticsearch root 4096 Jun  3 19:02 elasticsearch-head
drwxr-xr-x  8 root            root 4096 Jul 29 17:22 grafana
drwxr-xr-x  6 root            root 4096 Sep 16 19:18 kafka
drwxr-xr-x  2 root            root 4096 Oct  4 2017 rh
-rwxrwxr-x  1 root            root  67 Jul 29 17:26 start-grafana.sh
-rwxrwxr-x  1 root            root  46 Sep 13 20:04 start-supervisor.sh
-rwxr-xr-x  1 root            root  41 Jul 29 17:28 stop-grafana.sh
^C
[root@l-es-nodel.pub.dev.ten.dm opt]#
```

```
[root@l-es-nodel.pub.dev.ten.dm opt]# cd ./kafka/config/
^C
[root@l-es-nodel.pub.dev.ten.dm config]#
[root@l-es-nodel.pub.dev.ten.dm config]# vim server.properties
```

1	broker.id	broker1234.....
2	log.dirs	
3	zookeeper.connect	zk zk
4	listeners	kafka broker9092

```
broker.id=8
zookeeper.connect=10.0.3.70:2181,10.0.3.71:2181,10.0.4.70:2181/kafka
zookeeper.connection.timeout.ms=6000
zookeeper.session.timeout.ms=6000
listeners=PLAINTEXT://10.32.16.129:9092
port=9092
log.dir=/data/kafka
default.replication.factor=2
num.partitions=6

background.threads=10
compression.type=producer
delete.topic.enable=true
auto.create.topics.enable=true
auto.leader.rebalance.enable=true
leader.imbalance.check.interval.seconds=300
leader.imbalance.per.broker.percentage=10
unclean.leader.election.enable=true
group.max.session.timeout.ms=30000

log.flush.offset.checkpoint.interval.ms=60000
log.retention.bytes=1500000000000
log.retention.hours=24
log.cleaner.backoff.ms=15000
log.cleaner.enable=true
log.cleaner.threads=1
log.cleanup.policy=delete
log.retention.check.interval.ms=300000
log.roll.hours=168
log.segment.bytes=1073741824
log.index.interval.bytes=1048576
log.index.size.max.bytes=10485760
log.preallocate=false

#message.max.bytes=1000012
message.max.bytes=104857600
num.io.threads=8
num.network.threads=8
queued.max.requests=1000
max.connections.per.ip=2048
```

```
cd ./kafka/bin  
nohup ./kafka-server-start.sh ../config/server.properties &
```

```
[root@l-es-nodel.pub.dev.ten.dm logs]#
[root@l-es-nodel.pub.dev.ten.dm logs]# pwd
/opt/kafka/logs
[root@l-es-nodel.pub.dev.ten.dm logs]# tail -n 20 server.log
[2018-09-16 19:35:23,071] INFO Creating /brokers/ids/100 (is it secure?
false) (kafka.zk.KafkaZkClient)
[2018-09-16 19:35:23,077] INFO Result of znode creation at
/brokers/ids/100 is: OK (kafka.zk.KafkaZkClient)
[2018-09-16 19:35:23,078] INFO Registered broker 100 at path
/brokers/ids/100 with addresses:
ArrayBuffer(EndPoint(10.32.16.129,9092,ListenerName(PLAINTEXT),PLAINTEXT
)) (kafka.zk.KafkaZkClient)
[2018-09-16 19:35:23,079] WARN No meta.properties file under dir
/data/kafka/meta.properties (kafka.server.BrokerMetadataCheckpoint)
[2018-09-16 19:35:23,171] INFO [ExpirationReaper-100-topic]: Starting
(kafka.server.DelayedOperationPurgatory$ExpiredOperationReaper)
[2018-09-16 19:35:23,173] INFO [ExpirationReaper-100-Heartbeat]:
Starting (kafka.server.DelayedOperationPurgatory$ExpiredOperationReaper)
[2018-09-16 19:35:23,173] INFO [ExpirationReaper-100-Rebalance]:
Starting (kafka.server.DelayedOperationPurgatory$ExpiredOperationReaper)
[2018-09-16 19:35:23,175] INFO Creating /controller (is it secure?
false) (kafka.zk.KafkaZkClient)
[2018-09-16 19:35:23,181] INFO Result of znode creation at /controller
is: OK (kafka.zk.KafkaZkClient)
[2018-09-16 19:35:23,190] INFO [GroupCoordinator 100]: Starting up.
(kafka.coordinator.group.GroupCoordinator)
[2018-09-16 19:35:23,191] INFO [GroupCoordinator 100]: Startup complete.
(kafka.coordinator.group.GroupCoordinator)
[2018-09-16 19:35:23,211] INFO [GroupMetadataManager brokerId=100]
Removed 0 expired offsets in 20 milliseconds.
(kafka.coordinator.group.GroupMetadataManager)
[2018-09-16 19:35:23,219] INFO [ProducerId Manager 100]: Acquired new
producerId block
(brokerId:100,blockStartProducerId:0,blockEndProducerId:999) by writing
to Zk with path version 1
(kafka.coordinator.transaction.ProducerIdManager)
[2018-09-16 19:35:23,238] INFO [TransactionCoordinator id=100] Starting
up. (kafka.coordinator.transaction.TransactionCoordinator)
[2018-09-16 19:35:23,240] INFO [Transaction Marker Channel Manager 100]:
Starting (kafka.coordinator.transaction.TransactionMarkerChannelManager)
[2018-09-16 19:35:23,240] INFO [TransactionCoordinator id=100] Startup
complete. (kafka.coordinator.transaction.TransactionCoordinator)
[2018-09-16 19:35:23,277] INFO [/config/changes-event-process-thread]:
Starting
(kafka.common.ZkNodeChangeNotificationListener$ChangeEventProcessThread)
[2018-09-16 19:35:23,292] INFO Kafka version : 1.1.0
(org.apache.kafka.common.utils.AppInfoParser)
[2018-09-16 19:35:23,293] INFO Kafka commitId : fdcf75ea326b8e07
(org.apache.kafka.common.utils.AppInfoParser)
[2018-09-16 19:35:23,294] INFO [KafkaServer id=100] started
(kafka.server.KafkaServer)

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[root@l-es-nodel.pub.dev.ten.dm logs]#
```

