KIP-338 Support to exclude the internal topics in kafka-topics.sh command

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Status

Current state: *Accepted (2.1.0)*

Discussion thread: thread voting

JIRA: **KAFKA-7139** - Getting issue details...   STATUS

Released: 2.1.0

Please keep the discussion on the mailing list rather than commenting on the wiki (wiki discussions get unwieldy fast).

Motivation

Usually we have no interest in internal topics when using the kafka-topics.sh command . However, the kafka-topics.sh can't exclude the internal topics simply. We have to write the regular to exclude the internal topics. This kip tries to add a flag "exclude-internal" to kafka-topics.sh. If user set the flag, all internal topics will be excluded by the following commands - "list" and "describe"

Proposed Changes && Public Interfaces

KIP-338 plan to add a new option to kafka-topics.sh to enable/disable kafka-topics.sh to show the information of internal topics. The new option is called as "exclude-internal". Assume we have a internal topic "__consumer_offsets" and a user topic "testTopic".

The following command will show both topics.

```
$ kafka-topics.sh --zookeeper localhost:2181 --list
```

The following command will show the "testTopic" only.

```
$ kafka-topics.sh --zookeeper localhost:2181 --list --exclude-internal
```

The explanation of "exclude-internal" is "exclude internal topics when running list or describe command".

Compatibility, Deprecation, and Migration Plan

- *No compatibility issue since the default value of exclude-internal is false.*

Rejected Alternatives

None