

KIP-499 - Unify connection name flag for command line tool

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Status

Current state: *Accepted*

Discussion thread: [here](#) *[Change the link from the KIP proposal email archive to your own email thread]*

JIRA: [KAFKA-8507](#)

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

Motivation

The Kafka command line tools^[1] have two different ways to pass in the connection string, `--bootstrap-server`. This causes confusion and a disconnected feeling when using the command line tools. This should also create a more predictable utilization of the command line tooling.

[1] `kafka-console-producer.sh`, `kafka-consumer-groups.sh`, `kafka-consumer-perf-test.sh`, `kafka-verifiable-consumer.sh`, `kafka-verifiable-producer.sh`

Public Interfaces

The following command line tools will have the `--bootstrap-server` command line argument added: `kafka-console-producer.sh`, `kafka-consumer-groups.sh`, `kafka-consumer-perf-test.sh`, `kafka-verifiable-consumer.sh`, `kafka-verifiable-producer.sh`

Proposed Changes

Add command line arguments for `--bootstrap-server` to all console applications listed above. This argument will have the same functionality as the existing `--broker-list` arguments.

In addition mark `--broker-list` as a deprecated argument. Future work could include removing this argument

Compatibility, Deprecation, and Migration Plan

- No command line flags will be immediately deprecated and no migration is necessary. I am only proposing to add.

Rejected Alternatives

n/a