

# KIP-344: The auto-generated client id should be passed to MetricsReporter

- [Status](#)
- [Motivation](#)
- [Public Interfaces](#)
- [Proposed Changes](#)
- [Compatibility, Deprecation, and Migration Plan](#)
- [Rejected Alternatives](#)

*This page is meant as a template for writing a [KIP](#). To create a KIP choose Tools->Copy on this page and modify with your content and replace the heading with the next KIP number and a description of your issue. Replace anything in italics with your own description.*

## Status

**Current state:** *Discarded as this is a bug fix so a KIP is not needed*

**Discussion thread:** [here](#)

**JIRA:** [KAFKA-6123](#)

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

## Motivation

The client's MetricsReporter currently receives the client.id configuration via the configure method only if the user has specified the client.id configuration.

The client.id configuration is not a required configuration as KafkaConsumer and KafkaProducer will automatically generate client ids if not user configured (producer-1..., consumer-1...). These auto generated client ids are not passed to the MetricsReporter, which makes it difficult to track and map clients that have not specified the client id configuration.

[KAFKA-4756](#) gave the broker's KafkaMetricsReporter the auto generated broker id, but this change was not applied to the client's MetricsReporter.

## Public Interfaces

The client id when configured by the user already appears in the MetricsReporter configure method, so this is not adding anything completely new.

## Proposed Changes

In KafkaConsumer and KafkaProducer constructors, we will pass the auto generated client id in a singleton map into the configOverrides parameter of AbstractConfig's getConfiguredInstances method (same way [KAFKA-4756](#) handles it).

## Compatibility, Deprecation, and Migration Plan

The client id is already given to the MetricsReporter if the user has specified it so there will not be any migration or compatibility issues.

## Rejected Alternatives

None.