

# KIP-330: Add retentionPeriod in SessionBytesStoreSupplier

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## Status

**Current state:** *Accepted (2.1.0)*

**Discussion thread:** TBD

**JIRA:** [KAFKA-7101](#)

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

## Motivation

The `WindowBytesStore` interface provides a method to get the retention period of the window, which can then be used in the wrapper `StoreBuilder` to determine the corresponding changelog's retention period. However, for `SessionBytesStoreSupplier` this function is missing.

## Public Interfaces

In `SessionBytesStoreSupplier`, we will add:

- `long retentionPeriod();`

## Proposed Changes

*The changes should be straight forward: expose the retention period value via this function.*

## Compatibility, Deprecation, and Migration Plan

- *Users customizing the `SessionBytesStoreSupplier` should not implement this function. That means:*
  1. For users of DSL, with customized session store, they need to pass in that `SessionBytesStoreSupplier` into `Materialized`, and hence need to always customize that interface and hence be impacted.
  2. For users of PAPI, they will be `addStore` with a `StoreBuilder`. Note that users can either customize the `SessionBytesStoreSupplier` and pass into `Stores#persistentSessionStore`, or they can go directly instantiate the `StoreBuilder` interface. For the latter case, they are not impacted.

## Rejected Alternatives

*None.*