

Release Plan 3.2.0

Release Dates

- KIP Freeze: 02 Mar 2022 (A KIP must be accepted by this date in order to be considered for this release. Note, any KIP that may not be implemented in a week, or that might destabilize the release, should be deferred.)
- Feature Freeze: 16 Mar 2022 (major features merged & working on stabilization, minor features have PR, release branch cut; anything not in this state will be automatically moved to the next release in JIRA)
- Code Freeze: 30 Mar 2022
- At least two weeks of stabilization will follow Code Freeze.

These dates are goals and subject to change, but we expect to stay on the [Time Based Release Plan](#) unless unexpected critical issues come up. While the earliest possible release date is 2w after code freeze, release candidates (RCs) will roll out as needed until the release vote passes.

The release manager is [Bruno Cadonna](#)

How to Contribute


Before code freeze:

- Participate in votes and discussions to land or postpone the open KIPs.
- Review patches. We anticipate that this release, as it usually happens, will be bottlenecked mostly on reviews. The more reviewers, the more content we can fit in.
- Write unit/integration/system tests. We want to preserve the tradition of high-quality releases in Apache Kafka.

After code freeze:

- Write more unit/integration/system tests. We want to preserve the tradition of high-quality releases in Apache Kafka.
- Improve documentation.
- Test the release candidates.
- Open blocker JIRAs on critical issues found. Open non-blocker JIRAs on any other issues found.
- Fix critical bugs.
- Review bug fixes.
- Vote on release candidates. Even though only PMC votes are binding, community votes are super important as we evaluate the readiness of the release.


Open Issues










key	summary	type	created	updated	due	assignee	reporter	customfield_12311032	customfield_12311037	cu
 JQL and issue key arguments for this macro require at least one Jira application link to be configured										










Also feel free to refer to this release [page](#) for more details of the included tickets (requires log in to the Apache Kafka Jira project).



Planned KIP Content

Note: The planned content is not binding - final content will be based the features committed by branch-cutting date. See [Kafka Improvement Proposals](#) for the full list of KIPs.







KIP	JIRA	Component
KIP-815: Support max-timestamp in GetOffsetShell	 Unable to render Jira issues macro, execution error.	Tools





KIP-814: Static membership protocol should let the leader skip assignment	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-811: Add config repartition.purge.interval.ms to Kafka Streams	 Unable to render Jira issues macro, execution error.	Streams
KIP-810: Allow producing records with null values in Kafka Console Producer	 Unable to render Jira issues macro, execution error.	Clients
KIP-808: Add support for different unix precisions in TimestampConverter SMT	 Unable to render Jira issues macro, execution error.	Connect
KIP-806: Add session and window query over kv-store in IQv2	 Unable to render Jira issues macro, execution error.	Streams
KIP-805: Add range and scan query over kv-store in IQv2	 Unable to render Jira issues macro, execution error.	Streams
KIP-801: Implement an Authorizer that stores metadata in __cluster_metadata	 Unable to render Jira issues macro, execution error.	Core
KIP-800: Add reason to JoinGroupRequest and LeaveGroupRequest	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-798: Add possibility to write kafka headers in Kafka Console Producer	 Unable to render Jira issues macro, execution error.	Clients

KIP-796: Interactive Query v2	 Unable to render Jira issues macro, execution error.	Streams
KIP-791: Add Record Metadata to StateStoreContext	 Unable to render Jira issues macro, execution error.	Streams
KIP-788: Allow configuring num.network.threads per listener	 Unable to render Jira issues macro, execution error.	Core
KIP-784: Add top-level error code field to DescribeLogDirsResponse	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-779: Allow Source Tasks to Handle Producer Exceptions	 Unable to render Jira issues macro, execution error.	Connect
KIP-769: Connect APIs to list all connector plugins and retrieve their configuration definitions	 Unable to render Jira issues macro, execution error.	Connect
KIP-764: Configurable backlog size for creating Acceptor	 Unable to render Jira issues macro, execution error.	Core
KIP-708: Rack awareness for Kafka Streams	 Unable to render Jira issues macro, execution error.	Streams
KIP-704: Send a hint to the partition leader to recover the partition	 Unable to render Jira issues macro, execution error.	Core

KIP-591: Add Kafka Streams config to set default state store	 Unable to render Jira issues macro, execution error.	Streams
KIP-471: Expose RocksDB Metrics in Kafka Streams (implementation completed)	 Unable to render Jira issues macro, execution error.	Streams

Postponed to subsequent release

KIP	JIRA	Component
KIP-812: Introduce another form of the <code>KafkaStreams.close()</code> API that forces the member to leave the consumer group	 Unable to render Jira issues macro, execution error.	Streams
KIP-726: Make the "cooperative-sticky, range" as the default assignor	 Unable to render Jira issues macro, execution error.	Clients
KIP-719: Deprecate Log4J Appender	 Unable to render Jira issues macro, execution error.	Core
KIP-709: Extend OffsetFetch requests to accept multiple group ids.	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-653: Upgrade log4j to log4j2	 Unable to render Jira issues macro, execution error.	All
KIP-627: Expose Trogdor-specific JMX Metrics for Tasks and Agents	 Unable to render Jira issues macro, execution error.	Trogdor

KIP-618: Exactly-Once Support for Source Connectors	<div data-bbox="886 136 1334 308">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="886 331 1334 504">  Unable to render Jira issues macro, execution error. </div>	Connect
KIP-405: Kafka Tiered Storage	<div data-bbox="886 527 1334 699">  Unable to render Jira issues macro, execution error. </div>	Core
KIP-390: Support Compression Level	<div data-bbox="886 718 1334 890">  Unable to render Jira issues macro, execution error. </div>	Core/Clients