

# Release Plan 2.6.0 (June 2020)







## Release Dates

- KIP Freeze: May 20, 2020 (a KIP must be accepted by this date in order to be considered for this release)
- Feature Freeze: May 27, 2020 (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: June 10, 2020
- Release: June 24, 2020 (**Actual release: August 3, 2020**)

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 target release date is fixed at ~2w after code freeze, RCs will roll out as needed until the release vote passes.

The release manager is [Randall Hauch](#).

## Planned KIPs

KIP	JIRA	Component
<a href="#">KIP-131 - Add access to OffsetStorageReader from SourceConnector</a>	 Unable to render Jira issues macro, execution error.	Connect
<a href="#">KIP-158: Kafka Connect should allow source connectors to set topic-specific settings for new topics</a>	 Unable to render Jira issues macro, execution error.	Connect
<a href="#">KIP-221: Enhance DSL with Connecting Topic Creation and Repartition Hint</a>	 Unable to render Jira issues macro, execution error.   Unable to render Jira issues macro, execution error.	Streams
<a href="#">KIP-401: TransformerSupplier /ProcessorSupplier StateStore connecting</a>	 Unable to render Jira issues macro, execution error.	Streams
<a href="#">KIP-437: Custom replacement for MaskField SMT</a>	 Unable to render Jira issues macro, execution error.	Connect

KIP-441: Smooth Scaling  
Out for Kafka Streams (a  
dditional parts in 2.6)



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Streams

<p>KIP-444: Augment metrics for Kafka Streams (additional parts in 2.6)</p>	<div data-bbox="391 140 1029 308">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="391 350 1029 518">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="391 560 1029 728">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="391 770 1029 938">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="391 980 1029 1148">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="391 1190 1029 1358">  Unable to render Jira issues macro, execution error. </div>	Streams
<p>KIP-446: Add changelog topic configuration to KTable suppress</p>	<div data-bbox="391 1379 1029 1547">  Unable to render Jira issues macro, execution error. </div>	Streams
<p>KIP-447: Producer scalability for exactly once semantics (remainder in 2.6)</p>	<div data-bbox="391 1572 1029 1740">  Unable to render Jira issues macro, execution error. </div> <div data-bbox="391 1782 1029 1950">  Unable to render Jira issues macro, execution error. </div>	Streams










KIP-518: Allow listing consumer groups per state	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-519: Make SSL context/engine configuration extensible	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-546: Add Client Quota APIs to the Admin Client (remainder in 2.6)	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-551: Expose disk read and write metrics	 Unable to render Jira issues macro, execution error.	Core
KIP-557: Add emit on change support for Kafka Streams (partially complete in 2.6)	 Unable to render Jira issues macro, execution error.	Streams
KIP-568: Explicit rebalance triggering on the Consumer	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-569: DescribeConfigsResponse - Update the schema to include additional metadata information of the field	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-570: Add leader epoch in StopReplicaRequest	 Unable to render Jira issues macro, execution error.	Core
KIP-571: Add option to force remove members in StreamsResetter	 Unable to render Jira issues macro, execution error.	Streams






KIP-573: Enable TLSv1.3 by default	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-574: CLI Dynamic Configuration with file input	 Unable to render Jira issues macro, execution error.	Core
KIP 577: Allow HTTP Response Headers to be Configured for Kafka Connect	 Unable to render Jira issues macro, execution error.	Connect
KIP-585: Filter and Conditional SMTs	 Unable to render Jira issues macro, execution error.	Connect
KIP-586: Deprecate commit records without record metadata	 Unable to render Jira issues macro, execution error.	Connect
KIP-594: Expose output topic names from TopologyTestDriver	 Unable to render Jira issues macro, execution error.	Streams
KIP-602: Change default value for client.dns.lookup	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-604: Remove ZooKeeper Flags from the Administrative Tools (partially complete in 2.6)	 Unable to render Jira issues macro, execution error.	Clients
	 Unable to render Jira issues macro, execution error.	

KIP-605: Expand Connect Worker Internal Topic Settings	 Unable to render Jira issues macro, execution error.	Connect
KIP-606: Add Metadata Context to MetricsReporter	 Unable to render Jira issues macro, execution error.	Core/Connect /Streams
KIP-610: Error Reporting in Sink Connectors	 Unable to render Jira issues macro, execution error.	Connect
KIP-613: Add end-to-end latency metrics to Streams (partially complete in 2.6)	 Unable to render Jira issues macro, execution error.   Unable to render Jira issues macro, execution error.	Streams

## Postponed KIPs

KIP	JIRA	Component
KIP-81: Bound Fetch memory usage in the consumer	 Unable to render Jira issues macro, execution error.	Clients
KIP-280: Enhanced log compaction	 Unable to render Jira issues macro, execution error.	Core
KIP-359: Verify leader epoch in produce requests	 Unable to render Jira issues macro, execution error.	Core

KIP-466: Add support for List<T> serialization and deserialization	 Unable to render Jira issues macro, execution error.	Streams /Clients
KIP-497: Add inter-broker API to alter ISR	 Unable to render Jira issues macro, execution error.	Core
KIP-557: Add emit on change support for Kafka Streams (remainder)	 Unable to render Jira issues macro, execution error.	Streams
KIP-580: Exponential Backoff for Kafka Clients	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-584: Versioning scheme for features	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-588: Allow producers to recover gracefully from transaction timeouts	 Unable to render Jira issues macro, execution error.	Core/Clients
KIP-604: Remove ZooKeeper Flags from the Administrative Tools (remainder)	 Unable to render Jira issues macro, execution error.	Clients
	 Unable to render Jira issues macro, execution error.	
KIP-608 - Expose Kafka Metrics in Authorizer	 Unable to render Jira issues macro, execution error.	Core

KIP-611: Improved Handling of Abandoned Connectors and Tasks	<div>  Unable to render Jira issues macro, execution error. </div>	Connect
KIP-612: Ability to Limit Connection Creation Rate on Brokers	<div>  Unable to render Jira issues macro, execution error. </div> <div>  Unable to render Jira issues macro, execution error. </div>	Core
KIP-613: Add end-to-end latency metrics to Streams (remainder)	<div>  Unable to render Jira issues macro, execution error. </div> <div>  Unable to render Jira issues macro, execution error. </div>	Streams

## 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 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 RCs. Even though only PMC votes are binding, community votes are super important as we evaluate the readiness of the release

key   priority   summary   type   assignee   status   created   updated   reporter   resolution





JQL and issue key arguments for this macro require at least one Jira application link to be configured

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