

+++ title = “Release notes for Grafana 8.0.0-beta1” [__build] list = false +++

Release notes for Grafana 8.0.0-beta1

Features and enhancements

- **API:** Add org users with pagination. #33788, @idafurjes
- **API:** Return 404 when deleting nonexistent API key. #33346, @chaudum
- **API:** Return query results as JSON rather than base64 encoded Arrow. #32303, @ryantxu
- **Alerting:** Allow sending notification tags to Opsgenie as extra properties. #30332, @DewaldV
- **Alerts:** Replaces all uses of InfoBox & FeatureInfoBox with Alert. #33352, @torkelo
- **Auth:** Add support for JWT Authentication. #29995, @marshall-lee
- **AzureMonitor:** Add support for Microsoft.SignalRService/SignalR metrics. #33246, @M0ns1gn0r
- **AzureMonitor:** Azure settings in Grafana server config. #33728, @kostre
- **AzureMonitor:** Migrate Metrics query editor to React. #30783, @josh-hunt
- **BarChart panel:** enable series toggling via legend. #33955, @dprokop
- **BarChart panel:** Adds support for Tooltip in BarChartPanel. #33938, @dprokop
- **PieChart panel:** Change look of highlighted pie slices. #33841, @oscarkilhed
- **CloudMonitoring:** Migrate config editor from angular to react. #33645, @sunker
- **CloudWatch:** Add Amplify Console metrics and dimensions. #33171, @rodrigorfk
- **CloudWatch:** Add missing Redshift metrics to CloudWatch data source. #32121, @tomdaly
- **CloudWatch:** Add metrics for managed RabbitMQ service. #31838, @nirojan
- **DashboardList:** Enable templating on search tag input. #31460, @delta50
- **Datasource config:** correctly remove single custom http header. #32445, @gabor
- **Elasticsearch:** Add generic support for template variables. #32762, @Elfo404
- **Elasticsearch:** Allow omitting field when metric supports inline script. #32839, @Elfo404
- **Elasticsearch:** Allow setting a custom limit for log queries. #32422, @Elfo404
- **Elasticsearch:** Guess field type from first non-empty value. #32290,

@Elfo404

- **Elasticsearch:** Use application/x-ndjson content type for multisearch requests. #32282, @Elfo404
- **Elasticsearch:** Use semver strings to identify ES version. #33646, @Elfo404
- **Explore:** Add logs navigation to request more logs. #33259, @ivanahuckova
- **Explore:** Map Graphite queries to Loki. #33405, @ifrost
- **Explore:** Scroll split panes in Explore independently. #32978, @ivanahuckova
- **Explore:** Wrap each panel in separate error boundary. #33868, @aocenas
- **FieldDisplay:** Smarter naming of stat values when visualising row values (all values) in stat panels. #31704, @torkelo
- **Graphite:** Expand metric names for variables. #33694, @ifrost
- **Graphite:** Handle unknown Graphite functions without breaking the visual editor. #32635, @ifrost
- **Graphite:** Show graphite functions descriptions. #32305, @ifrost
- **Graphite:** Support request cancellation properly (Uses new backend-Srv.fetch Observable request API). #31928, @mckn
- **InfluxDB:** Flux: Improve handling of complex response-structures. #33823, @gabor
- **InfluxDB:** Support region annotations. #31526, @Komalis
- **Inspector:** Download logs for manual processing. #32764, @ivanahuckova
- **Jaeger:** Add node graph view for trace. #31521, @aocenas
- **Jaeger:** Search traces. #32805, @zoltanbedi
- **Loki:** Use data source settings for alerting queries. #33942, @ivanahuckova
- **NodeGraph:** Exploration mode. #33623, @aocenas
- **OAuth:** Add support for empty scopes. #32129, @jvoeller
- **PanelChrome:** New logic-less emotion based component with no dependency on PanelModel or DashboardModel. #29456, @torkelo
- **PanelEdit:** Adds a table view toggle to quickly view data in table form. #33753, @torkelo
- **PanelEdit:** Highlight matched words when searching options. #33717, @torkelo
- **PanelEdit:** UX improvements. #32124, @torkelo
- **Plugins:** PanelRenderer and simplified QueryRunner to be used from plugins. #31901, @torkelo
- **Plugins:** AuthType in route configuration and params interpolation. #33674, @kostrse
- **Plugins:** Enable plugin runtime install/uninstall capabilities. #33836, @wbrowne
- **Plugins:** Support set body content in plugin routes. #32551, @marefr
- **Plugins:** Introduce marketplace app. #33869, @jackw
- **Plugins:** Moving the DataSourcePicker to grafana/runtime so it can be reused in plugins. #31628, @mckn
- **Prometheus:** Add custom query params for alert and exemplars queries.

- #32440, @aocenas
- **Prometheus:** Use fuzzy string matching to autocomplete metric names and label. #32207, @ifrost
- **Routing:** Replace Angular routing with react-router. #31463, @dprokop
- **Slack:** Use chat.postMessage API by default. #32511, @aknuds1
- **Tempo:** Search for Traces by querying Loki directly from Tempo. #33308, @davkal
- **Themes:** Switch theme without reload using global shortcut. #32180, @torkelo
- **TimeSeries panel:** Add support for shared cursor. #33433, @dprokop
- **TimeSeries panel:** Do not crash the panel if there is no time series data in the response. #33993, @dprokop
- **Variables:** Do not save repeated panels, rows and scopedVars. #32436, @torkelo
- **Variables:** Removes experimental Tags feature. #33361, @hugohaggmark
- **Variables:** Removes the never refresh option. #33533, @hugohaggmark
- **Visualizations:** Unify tooltip options across visualizations. #33892, @dprokop
- **Visualizations:** Refactor and unify option creation between new visualizations. #33867, @oscarilhed
- **Visualizations:** Remove singlestat panel. #31904, @dprokop

Bug fixes

- **APIKeys:** Fixes issue with adding first api key. #32201, @torkelo
- **Alerting:** Add checks for non supported units - disable defaulting to seconds. #32477, @dsotirakis
- **Alerting:** Fix issue where Slack notifications won't link to user IDs. #32861, @n-wbrown
- **Alerting:** Omit empty message in PagerDuty notifier. #31359, @pkoenig10
- **AzureMonitor:** Fix migration error from older versions of App Insights queries. #32372, @joshhunt
- **CloudWatch:** Fix AWS/Connect dimensions. #33736, @sunker
- **CloudWatch:** Fix broken AWS/MediaTailor dimension name. #33271, @sunker
- **Dashboards:** Allow string manipulation as advanced variable format option. #29754, @rscot231
- **DataLinks:** Includes harmless extended characters like Cyrillic characters. #33551, @hugohaggmark
- **Drawer:** Fixes title overflowing its container. #33857, @thisisobate
- **Explore:** Fix issue when some query errors were not shown. #32212, @aocenas
- **Generic OAuth:** Prevent adding duplicated users. #32286, @dsotirakis
- **Graphite:** Handle invalid annotations. #32437, @ifrost
- **Graphite:** Fix autocomplete when tags are not available. #31680, @ifrost

- **InfluxDB:** Fix Cannot read property 'length' of undefined in when parsing response. #32504, @ivanahuckova
- **Instrumentation:** Enable tracing when Jaeger host and port are set. #33682, @zserge
- **Instrumentation:** Prefix metrics with **grafana**. #33925, @bergquist
- **MSSQL:** By default let driver choose port. #32417, @aknuds1
- **OAuth:** Add optional strict parsing of role_attribute_path. #28021, @klausenbusk
- **Panel:** Fixes description markdown with inline code being rendered on newlines and full width. #32405, @dprokop
- **PanelChrome:** Ignore data updates & errors for non data panels. #33477, @torkelo
- **Permissions:** Fix inherited folder permissions can prevent new permissions being added to a dashboard. #33329, @marefr
- **Plugins:** Remove pre-existing plugin installs when installing with grafana-cli. #31515, @wbrowne
- **Plugins:** Support installing to folders with whitespace and fix pluginUrl trailing and leading whitespace failures. #32506, @wbrowne
- **Postgres/MySQL/MSSQL:** Don't return connection failure details to the client. #32408, @marefr
- **Postgres:** Fix ms precision of interval in time group macro when TimescaleDB is enabled. #33853, @ying-jeanne
- **Provisioning:** Use dashboard checksum field as change indicator. #29797, @cristi-
- **SQL:** Fix so that all captured errors are returned from sql engine. #32353, @marefr
- **Shortcuts:** Fixes panel shortcuts so they always work. #32385, @torkelo
- **Table:** Fixes so border is visible for cells with links. #33160, @hugohaggmark
- **Variables:** Clear query when data source type changes. #33924, @hugohaggmark
- **Variables:** Filters out builtin variables from unknown list. #33933, @hugohaggmark
- **Variables:** Refreshes all panels even if panel is full screen. #33201, @hugohaggmark

Breaking changes

Removes the **never** refresh option for Query variables. Existing variables will be migrated and any stored options will be removed. Issue #33533

Removes the experimental Tags feature for Variables. Issue #33361

Deprecations

The InfoBox & FeatureInfoBox are now deprecated please use the Alert component instead with severity info. Issue #33352

Plugin development fixes & changes

- **Button:** Introduce `buttonStyle` prop. #33384, @jackw
- **DataQueryRequest:** Remove deprecated props `showingGraph` and `showingTabel` and `exploreMode`. #31876, @torkelo
- **grafana/ui:** Update React Hook Form to v7. #33328, @Clarity-89
- **IconButton:** Introduce variant for red and blue icon buttons. #33479, @jackw
- **Plugins:** Expose the `getTimeZone` function to be able to get the current selected `timeZone`. #31900, @mckn
- **TagsInput:** Add `className` to `TagsInput`. #33944, @Clarity-89
- **VizLegend:** Move `onSeriesColorChanged` to `PanelContext` (breaking change). #33611, @ryantxu

License update

- **AGPL License:** Update license from Apache 2.0 to the GNU Affero General Public License (AGPL). #33184