+++ 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](#), [@kostrse](#)
- **AzureMonitor**: Migrate Metrics query editor to React. [#30783](#), [@joshhunt](#)
- **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 backendSrv.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](), [@oscarkilhed]()
- **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