

+++ title = "Release notes for Grafana 8.1.0-beta1" [build] list = false +++

# Release notes for Grafana 8.1.0-beta1

## Features and enhancements

- **Alerting:** Add Alertmanager notifications tab. [#35759](#), [@nathanrodman](#)
- **Alerting:** Add button to deactivate current Alertmanager configuration. [#36951](#), [@domasx2](#)
- **Alerting:** Add toggle in Loki/Prometheus data source configuration to opt out of alerting UI. [#36552](#), [@domasx2](#)
- **Alerting:** Allow any "evaluate for" value  $\geq 0$  in the alert rule form. [#35807](#), [@domasx2](#)
- **Alerting:** Load default configuration from status endpoint, if Cortex Alertmanager returns empty user configuration. [#35769](#), [@domasx2](#)
- **Alerting:** view to display alert rule and its underlying data. [#35546](#), [@mckn](#)
- **Annotation panel:** Release the annotation panel. [#36959](#), [@ryantxu](#)
- **Annotations:** Add typeahead support for tags in built-in annotations. [#36377](#), [@ashharrison90](#)
- **AzureMonitor:** Add curated dashboards for Azure services. [#35356](#), [@avidhanju](#)
- **AzureMonitor:** Add support for deep links to Microsoft Azure portal for Metrics. [#32273](#), [@shuotli](#)
- **AzureMonitor:** Remove support for different credentials for Azure Monitor Logs. [#35121](#), [@andresmgot](#)
- **AzureMonitor:** Support querying any Resource for Logs queries. [#33879](#), [@joshhunt](#)
- **Elasticsearch:** Add frozen indices search support. [#36018](#), [@Elfo404](#)
- **Elasticsearch:** Name fields after template variables values instead of their name. [#36035](#), [@Elfo404](#)
- **Elasticsearch:** add rate aggregation. [#33311](#), [@estermv](#)
- **Email:** Allow configuration of content types for email notifications. [#34530](#), [@djairhogeuens](#)
- **Explore:** Add more meta information when line limit is hit. [#33069](#), [@ivanahuckova](#)
- **Explore:** UI improvements to trace view. [#34276](#), [@aocenas](#)
- **FieldOverrides:** Added support to change display name in an override field and have it be matched by a later rule. [#35893](#), [@torkelo](#)
- **HTTP Client:** Introduce `dataproxymaxidleconnections` config variable. [#35864](#), [@dsotirakis](#)
- **InfluxDB:** InfluxQL: adds tags to timeseries data. [#36702](#), [@gabor](#)
- **InfluxDB:** InfluxQL: make measurement search case insensitive. [#34563](#), [@gabor](#)
- **Legacy Alerting:** Replace simplejson with a struct in webhook notification channel. [#34952](#), [@KEVISONG](#)
- **Legend:** Updates display name for Last (not null) to just Last\*. [#35633](#), [@torkelo](#)
- **Logs panel:** Add option to show common labels. [#36166](#), [@ivanahuckova](#)
- **Loki:** Add `$_range` variable. [#36175](#), [@ivanahuckova](#)
- **Loki:** Add support for "label\_values(log stream selector, label)" in templating. [#35488](#), [@ivanahuckova](#)
- **Loki:** Add support for ad-hoc filtering in dashboard. [#36393](#), [@ivanahuckova](#)
- **MySQL Datasource:** Add timezone parameter. [#27535](#), [@andipabst](#)
- **NodeGraph:** Show gradient fields in legend. [#34078](#), [@aocenas](#)
- **PanelOptions:** Don't mutate panel options/field config object when updating. [#36441](#), [@dprokop](#)
- **PieChart:** Make pie gradient more subtle to match other charts. [#36961](#), [@nikki-kiga](#)
- **Prometheus:** Update PromQL typeahead and highlighting. [#36730](#), [@ekpdt](#)
- **Prometheus:** interpolate variable for step field. [#36437](#), [@zoltanbedi](#)
- **Provisioning:** Improve validation by validating across all dashboard providers. [#26742](#), [@nabokihms](#)
- **Query cache:** Adding an encryption option for caching. (Enterprise)
- **Reporting:** Use start and end dates for scheduling. (Enterprise)
- **SQL Datasources:** Allow multiple string/labels columns with time series. [#36485](#), [@kylebrandt](#)
- **Select:** Portal select menu to document.body. [#36398](#), [@ashharrison90](#)
- **Team Sync:** Add group mapping to support team sync in the Generic OAuth provider. [#36307](#), [@wardbekker](#)

- **Tooltip:** Make active series more noticeable. [#36824](#), [@nikki-kiga](#)
- **Tracing:** Add support to configure trace to logs start and end time. [#34995](#), [@zoltanbedi](#)
- **Transformations:** Skip merge when there is only a single data frame. [#36407](#), [@edgarpoce](#)
- **ValueMapping:** Added support for mapping text to color, boolean values, NaN and Null. Improved UI for value mapping. [#33820](#), [@torkelo](#)
- **Visualizations:** Dynamically set any config (min, max, unit, color, thresholds) from query results. [#36548](#), [@torkelo](#)
- **live:** Add support to handle origin without a value for the port when matching with root\_url. [#36834](#), [@FZambia](#)

## Bug fixes

- **Alerting:** Handle marshaling Inf values. [#36947](#), [@kylebrandt](#)
- **AzureMonitor:** Fix macro resolution for template variables. [#36944](#), [@andresmgot](#)
- **AzureMonitor:** Fix queries with Microsoft.NetApp/../../volumes resources. [#32661](#), [@pckls](#)
- **AzureMonitor:** Request and concat subsequent resource pages. [#36958](#), [@andresmgot](#)
- **Bug:** Fix parse duration for day. [#36942](#), [@idafurjes](#)
- **Datasources:** Improve error handling for error messages. [#35120](#), [@ifrost](#)
- **Explore:** Correct the functionality of shift-enter shortcut across all uses. [#36600](#), [@ivanahuckova](#)
- **Explore:** Show all dataFrames in data tab in Inspector. [#32161](#), [@ivanahuckova](#)
- **GraphNG:** Fix Tooltip mode 'All' for XYChart. [#31260](#), [@Posnet](#)
- **Loki:** Fix highlight of logs when using filter expressions with backticks. [#36024](#), [@ivanahuckova](#)
- **Modal:** Force modal content to overflow with scroll. [#36754](#), [@ashharrison90](#)
- **Plugins:** Ignore symlinked folders when verifying plugin signature. [#34434](#), [@wbrowne](#)

## Breaking changes

When parsing Elasticsearch query responses using template variables, each field gets named after the variable value instead of the name. For example, executing a `terms` aggregation on a variable named `$groupBy` that has `@hostname` as a value, the resulting column in the table response will be `@hostname` instead of `$groupBy`. Issue [#36035](#)

Azure Monitor data source no longer supports different credentials for Metrics and Logs in existing data sources. To use different credentials for Azure Monitor Logs, create another data source. Issue [#35121](#)

Existing Azure Metrics Logs queries for Log Analytics Workspaces should be backward compatible with this change and should not get impacted. Panels will be migrated to use the new resource-centric backend when you first edit and save them.

Application Insights and Insights Analytics queries are now read-only and cannot be modified. To update Application Insights queries, users can manually recreate them as Metrics queries, and Insights Analytics are recreated with Logs.

Issue [#33879](#)

## Plugin development fixes & changes

- **Toolkit:** Improve error messages when tasks fail. [#36381](#), [@joshhunt](#)