

+++ title = “Release notes for Grafana 8.4.0” hide__menu = true +++

Release notes for Grafana 8.4.0

Features and enhancements

- **API:** Extract OpenAPI specification from source code using go-swagger. #40528, @papagian
- **AccessControl:** Disable user remove and user update roles when they do not have the permissions. #43429, @Jguer
- **AccessControl:** Provisioning for teams. #43767, @gamab
- **API:** Add usage stats preview endpoint. #43899, @Jguer
- **Alerting:** Move slow queries in the scheduler to another goroutine. #44423, @grobinson-grafana
- **Alerting:** Use time.Ticker instead of alerting.Ticker in ngalert. #44395, @grobinson-grafana
- **Alerting:** add custom grouping to Alert Panel. #44559, @gillesdemey
- **Analytics:** Add user id tracking to google analytics. #42763, @autoric
- **Angular:** Add AngularJS plugin support deprecation plan to docs site. #45149, @torkelo
- **Auth:** implement auto_sign_up for auth.jwt. #43502, @sakjur
- **Azure Monitor Logs:** Order subscriptions in resource picker by name. #45228, @sunker
- **Azure monitor Logs:** Optimize data fetching in resource picker. #44549, @sunker
- **AzureMonitor:** Filter list of resources by resourceType. #43522, @andresmgot
- **BarChart:** color by field, x time field, bar radius, label skipping. #43257, @leeoniya
- **Chore:** Implement OpenTelemetry in Grafana. #42674, @idafurjes
- **Cloud Monitoring:** Adds metric type to Metric drop down options. #43268, @tw1nk
- **CloudWatch:** Add Data Lifecycle Manager metrics and dimension. #43310, @ilyastoli
- **CloudWatch:** Add Missing Elasticache Host-level metrics. #43455, @dhendo
- **CloudWatch:** Add all ElastiCache Redis Metrics. #43336, @siavashs
- **CloudWatch:** Add new AWS/ES metrics. #43034, @sunker
- **Cloudwatch:** Add syntax highlighting and autocomplete for “Metric Search”. #43985, @sarahzinger
- **Explore:** Support custom display label for exemplar links for Prometheus datasource. #42732, @JokerQueue
- **Hotkeys:** Make time range absolute/permanent. #43802, @davkal
- **Playlists:** Enable sharing direct links to playlists. #44161, @ashharrison90
- **SQLStore:** Prevent concurrent migrations. #44101, @papagian

- **SSE:** Add Mode to drop NaN/Inf/Null in Reduction operations. #43583, @kylebrandt
- **Setting:** Support configuring feature toggles with bools instead of just passing an array. #43326, @bergquist
- **TimeSeries:** Add support for negative Y and constant transform. #44774, @dprokop
- **Transformations:** Add 'JSON' field type to ConvertFieldTypeTransformer. #42624, @sd2k

Bug fixes

- **Auth:** Guarantee consistency of signed SigV4 headers. #45054, @wbrowne
- **CloudWatch:** Fix MetricName resetting on Namespace change. #44165, @yaelleC
- **Cloudwatch :** Fixed resetting metric name when changing namespace in Metric Query. #44612, @yaelleC
- **Explore:** Avoid locking timepicker when range is inverted. #44790, @Elfo404
- **Instrumentation:** Fix HTTP request instrumentation of authentication failures. #44234, @marefr
- **LibraryPanels:** Prevent long descriptions and names from obscuring the delete button. #45190, @zuchka
- **OAuth:** Fix parsing of ID token if header contains non-string value. #44159, @marefr
- **Panel Edit:** Visualization search now works correctly with special characters. #45137, @ashharrison90
- **Provisioning:** Fix duplicate validation when multiple organizations have been configured. #44151, @marefr
- **QueryField:** Fix issue with undo history when suggestion is inserted (#28656). #39114, @glintik
- **TablePanel:** Do not prefix columns with frame name if multiple frames and override active. #45174, @mdvictor

Deprecations

AngularJS plugin support is now in a deprecated state, meaning it will be removed in a future release. Currently, that is planned for version 10 (in 2023). The documentation site has an article with more details on why, when, and how. Issue #45149