

+++ title = “Release notes for Grafana 7.3.0” [\_build] list = false +++

## Release notes for Grafana 7.3.0

### 7.3.0 Stable

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#### Features and enhancements

- **AzureMonitor:** Support decimal (as float64) type in analytics/logs. #28480, @kylebrandt
- **Plugins signing:** UI information. #28469, @dprokop
- **Short URL:** Update last seen at when visiting a short URL. #28565, @marefr

#### Bug fixes

- **Alerting:** Log warnings for obsolete notifiers when extracting alerts and remove frequent error log messages. #28162, @papagian
- **Auth:** Fix SigV4 request verification step for Amazon Elasticsearch Service. #28481, @wbrowne
- **Auth:** Should redirect to login when anonymous enabled and URL with different org than anonymous specified. #28158, @marefr
- **Elasticsearch:** Fix handling of errors when testing data source. #28498, @marefr
- **Graphite:** Fix default version to be 1.1. #28471, @ivanahuckova
- **StatPanel:** Fixes BizChart error max: yyy should not be less than min zzz. #28587, @hugohaggmark

### 7.3.0-beta2

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#### Features and enhancements

- **Add monitoring mixing for Grafana.** #28285, @bergquist
- **CloudWatch:** Missing Namespace AWS/EC2CapacityReservations. #28309, @nonamef
- **Explore:** Support wide data frames. #28393, @aocenas
- **Instrumentation:** Add counters and histograms for database queries. #28236, @bergquist
- **Loki:** Visually distinguish error logs for LogQL2. #28359, @ivanahuckova

#### Bug fixes

- **API:** Fix short URLs. #28300, @aknuds1

- **BackendSrv:** Fixes queue countdown when unsubscribe is before response. #28323, @hugohaggmark
- **CloudWatch/Athena - valid metrics and dimensions..** #28436, @kwarunek
- **Dashboard links:** Places drop-down list so it's always visible. #28330, @maknik
- **Graph:** Fix for graph size not taking up full height or width. #28314, @jackw
- **Loki:** Base maxDataPoints limits on query type. #28298, @aocenas
- **Loki:** Run instant query only when doing metric query. #28325, @aocenas
- **Plugins:** Don't exit on duplicate plugin. #28390, @aknuds1

## 7.3.0-beta1

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### Breaking changes

- **CloudWatch:** The AWS CloudWatch data source's authentication scheme has changed. See the [upgrade notes]{{< relref "../installation/upgrading.md#upgrading-to-v73" >}}) for details and how this may affect you.

### Features and enhancements

- **Alerting:** Add labels to name when converting data frame to series. #28085, @kylebrandt
- **Alerting:** Ensuring LINE Notify notifications are sent for all alert states. #27639, @haraldkubota
- **Auth:** Add SigV4 auth option to data sources. #27552, @wbrowne
- **AzureMonitor:** Pass through null values instead of setting 0. #28126, @kylebrandt
- **Cloud Monitoring:** Out-of-the-box dashboards. #27864, @papagian
- **CloudWatch:** Add support for AWS DirectConnect virtual interface metrics and add missing dimensions. #28008, @jgulick48
- **CloudWatch:** Adding support for Amazon ElastiCache Redis metrics. #28040, @jgulick48
- **CloudWatch:** Adding support for additional Amazon CloudFront metrics. #28069, @darrylsepeda
- **CloudWatch:** Re-implement authentication. #25548, @aknuds1, @patstrom
- **Dashboard:** Allow shortlink generation. #27409, @MisterSquishy
- **Docker:** OpenShift compatibility. #27813, @xlson
- **Elasticsearch:** Support multiple pipeline aggregations for a query. #27945, @simianhacker
- **Explore:** Allow shortlink generation. #28222, @ivanahuckova
- **Explore:** Remove collapsing of visualisations. #27026, @ivanahuckova

- **FieldColor:** Adds new standard color option for color. #28039, @torkelo
- **Gauge:** Improve text sizing and support non threshold color modes. #28256, @torkelo
- **NamedColors:** Named colors refactors. #28235, @torkelo
- **Panel Inspect:** Allow CSV download for Excel. #27284, @tomdaly
- **Prometheus:** Add time range parameters to labels API. #27548, @kakkoyun
- **Snapshots:** Store dashboard data encrypted in the database. #28129, @wbrowne
- **Table:** New cell hover behavior and image cell display mode. #27669, @torkelo
- **Timezones:** Include IANA timezone canonical name in TimeZoneInfo. #27591, @dprokop
- **Tracing:** Add Tempo data source. #28204, @aocenas
- **Transformations:** Add Concatenate fields transformer. #28237, @ryantxu
- **Transformations:** improve the reduce transformer. #27875, @ryantxu
- **Users:** Expire old user invites. #27361, @wbrowne
- **Variables:** Adds loading state and indicators. #27917, @hugohaggmark
- **Variables:** Adds support for key/value mapping in Custom variable. #27829, @sartaj10
- **grafana/toolkit:** expose Jest maxWorkers arg for plugin test & build tasks. #27724, @domasx2

#### Bug fixes

- **Azure Analytics:** FormatAs Time series groups bool columns wrong. #27713
- **Azure:** Fixes cancellation of requests with different Azure sources. #28180, @hugohaggmark
- **BackendSrv:** Reloads page instead of redirect on Unauthorized Error. #28276, @hugohaggmark
- **Dashboard:** Do not allow users without edit permission to a folder to see new dashboard page. #28249, @torkelo
- **Dashboard:** Fixed issue accessing horizontal table scrollbar when placed at bottom of dashboard. #28250, @torkelo
- **DataProxy:** Add additional settings for dataproxy to help with network proxy timeouts. #27841, @kahinton
- **Database:** Adds new indices to alert\_notification\_state and alert\_rule\_tag tables. #28166, @KarineValenca
- **Explore:** Fix showing of Prometheus data in Query inspector. #28128, @ivanahuckova
- **Explore:** Show results of Prometheus instant queries in formatted table. #27767, @ivanahuckova
- **Graph:** Prevent legend from overflowing container. #28254, @jackw
- **OAuth:** Fix token refresh failure when custom SSL settings are configured

for OAuth provider. #27523, @billoley

- **Plugins:** Let descendant plugins inherit their root's signature. #27970, @aknuds1
- **Runtime:** Fix handling of short-lived background services. #28025, @ahlaw
- **TemplateSrv:** Fix interpolating strings with object variables. #28171, @torkelo
- **Variables:** Fixes so constants set from url get completed state. #28257, @hugohaggmark
- **Variables:** Prevent adhoc filters from crashing when they are not loaded properly. #28226, @mckn