+++ title = "Release notes for Grafana 7.3.0" [_build] list = false +++

Release notes for Grafana 7.3.0

7.3.0 Stable

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

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

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]()