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ORACLE ENTERPRISE MANAGER APP FOR GRAFANA
Frequently Asked Questions

Q1: Does this App requires any license?

A1: All EM users are entitled to use the Oracle Enterprise Manager App for Grafana at no additional cost, however you may still need to meet licensing requirements for the EM Management Packs that provide the data

Q2: Does this App work with EM 13.4 in our OCI Market place?

A2: Not yet, but it's in the pipeline of certifications that we are planning to complete in the next update of the App

Q3: What roles and privileges should be given for non-SYSMAN users to generate the performance report of a database?

A3: By default, a non-SYSMAN user can be a normal EM user. Typically, MGMT$ views are accessible by such a user

Q4: What is the minimum Enterprise Manager's version that this App can work with?

A4: The minimum supported Enterprise Manager version is EM13.5 RU4 which works with Oracle Enterprise Manager App for Grafana v3.0.0

Q5: What versions of Grafana Server are supported with this App?

A5: The Grafana Server supported version is: 8.2.7 OSS version with the latest App i.e. v3.0.0

Q6: Does the Grafana Server need to be installed on the same host as Enterprise Manager?

A6: Not necessarily. The litmus test is that the browser needs access to Grafana Server and Grafana needs access to EM

Q7: What operating systems does this App currently support?

A7: Generally, the App is supported on versions that Grafana supports. However, App v3.0.0 is officially certified on Linux OS.

Q8: Does this App allows to query data residing on older versions of Enterprise Manager (i.e. pre-EM13.5 RU4)?
A8: Yes, this App features a Remote Management Repository function that allows a user to connect to and query repositories of pre-EM 13.5 RU4 versions of EM.

Q9: How to enable App on Grafana site before adding and configuring a Data Source?
A9: On the Grafana site, the user will need to go to Configurations > Plug-ins
> Oracle Enterprise Manager App > Enable

Q10: Why I am not able to set any of oracle.sysman.db.restfulapi.grafana.throttle.xxx properties?
A10: Please ensure your OMS is successfully upgraded with RU3 patch at the minimum. Moreover, verify the patch deploy log to ensure there were no runtime errors.

Q11: How can a DBA use this App to pull DB related information directly from a DB target?
A11: A user can utilize Custom Query(Target) feature to query data against the DB target that is managed by a Enterprise Manager. Moreover, an appropriate named credential needs to be created in Enterprise Manager and tied to a DB user account and that DB account must have necessary SELECT grants on the tables from which a user wants to fetch data.

See example below for creating SELECT grants on a table:

Assume a DB user called 'test_user' on a target DB called 'myDB' exists within Enterprise Manager, and then a named credential is created for that target DB as 'mynamecred'; then, a user can grant SELECT access as below:

SQL> GRANT SELECT ON V_$INSTANCE TO test_user;
Grant succeeded.

Lastly, in Grafana, a user can then make use of 'mynamecred' as named credential against 'myDB' database to execute a query and fetch data from V$instance or GV$instance.

Q11: In using the latest EM App for Grafana, I see an "unsigned" plug-in message stating that the plug-in is not signed and lacks valid signature; is this an issue?
A11: No, this doesn't affect the functioning of the EM App for Grafana.

Q12. What should be done if the Query API made to EM via the grafana server will fail intermittently with 502?
A12. Increase the value in data proxy timeout from $GRAFANA_HOME/conf/defaults.ini. Refer to link for more details.