PERCONA LIVE ONLINE MAY 12 - 13th 2021

Optimizing & Troubleshooting MongoDB through PMM

Instructions for use

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Hello!

I am Mike Grayson

I am a MongoDB Database Engineer at Percona. I have been working with MongoDB since 2014. I am married with 4 kids and living near Rochester, NY, USA

You can find me at @mikegray831 on Twitter and LinkedIn at https://www.linkedin.com/in/mikegrayson/

Agenda

- What is PMM?
- How to connect PMM to MongoDB?
- Demo Time!

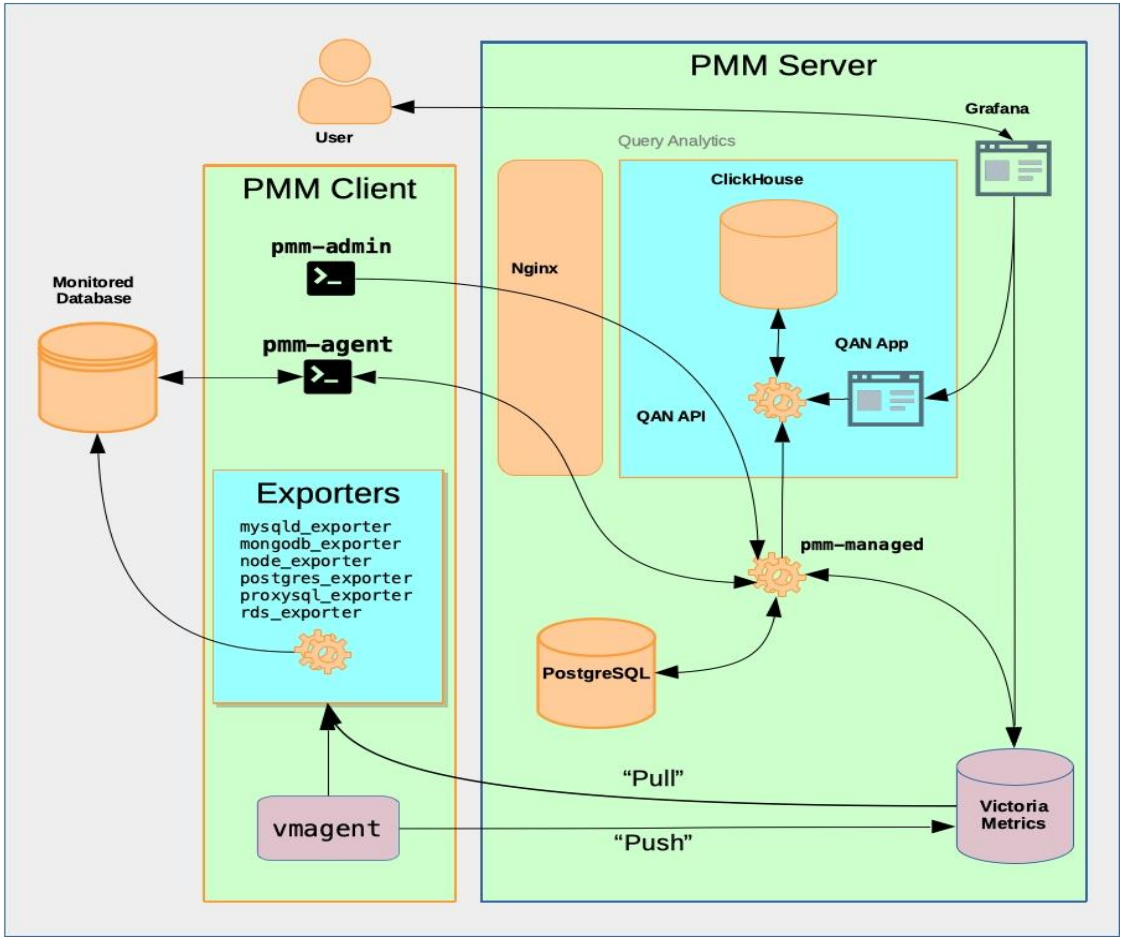
What is PMM?

Percona Monitoring and Management (PMM) is a best-of-breed open source database monitoring solution. It helps you reduce complexity, optimize performance, and improve the security of your business-critical database environments, no matter where they are located or deployed.

What is PMM?

- Monitoring Tool that works with community and enterprise versions of MySQL, MariaDB, MongoDB, and PostgreSQL
- Uses a Client-Server Architecture.
- Requires a PMM client on each host (except for RDS)
- Uses VictoriaMetrics instead of Prometheus since version 2.12

PMM Architecture



How to connect MongoDB to PMM?

Pre-Requisites for connecting to MongoDB

- Create a user and a role for PMM
- Enable Profiling

- https://www.percona.com/doc/percona-monitoring-and-management/2.x/setting-up/client/mongodb.html

Connecting PMM to MongoDB

- Add the service
  - pmm-admin add mongodb --username=<username with appropriate role assigned> --password=<password here or leave off to be prompted for password> --service-name=<name for how your service will show up in PMM> --host=<hostname that is routable by PMM> --port=<mongodb port>

DEMO TIME
Spongebob Squarepants vector trace by Assael, ©Nickelodeon
makeameme.org

Thanks!

Any questions?

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THANK YOU !

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