



OPENWORKS

BE UNSTOPPABLE



OPENWORKS

SkySQL Observability

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About Me

- Bhavin Modi @ MariaDB
 - Sr. Director, Product Management
 - Sr. Director of Engineering (2020-2023)
- Started as a LAMP developer early 2000s
- Built and managed large scale infrastructure/ services at Walmart.com, Network Appliance, Yahoo, Pivotal
- Leading engineering teams last 10 yrs.



We're Managing Databases All Wrong

- Fragmented monitoring
- Monitoring tools don't provide insights
- Lack of DB focused observability
- Not Cloud Ready
 - Multi-cloud, Hybrid, and Remote make monitoring disjoint and difficult



On-Premise to Cloud Observability

What's required to transition

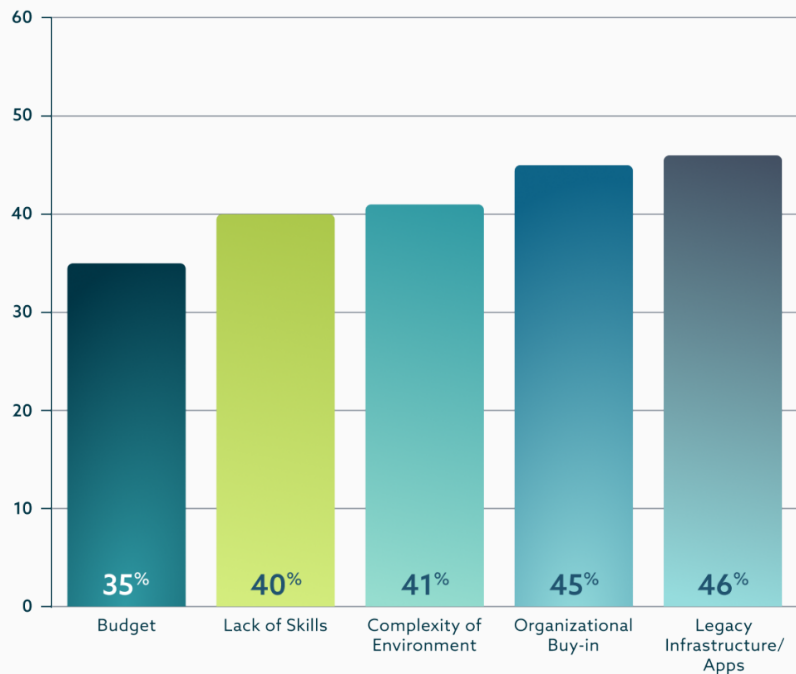
- ✓ Real-time metrics monitoring and database logs processing
- ✓ Insights to optimize performance, reduce cost, increase uptime
- ✓ Alerting and Notifications to stay on top of operational issues
- ✓ Database configuration management with command and control
- ✓ APIs to integrate with 3rd party tools for visualization, analytics, etc.



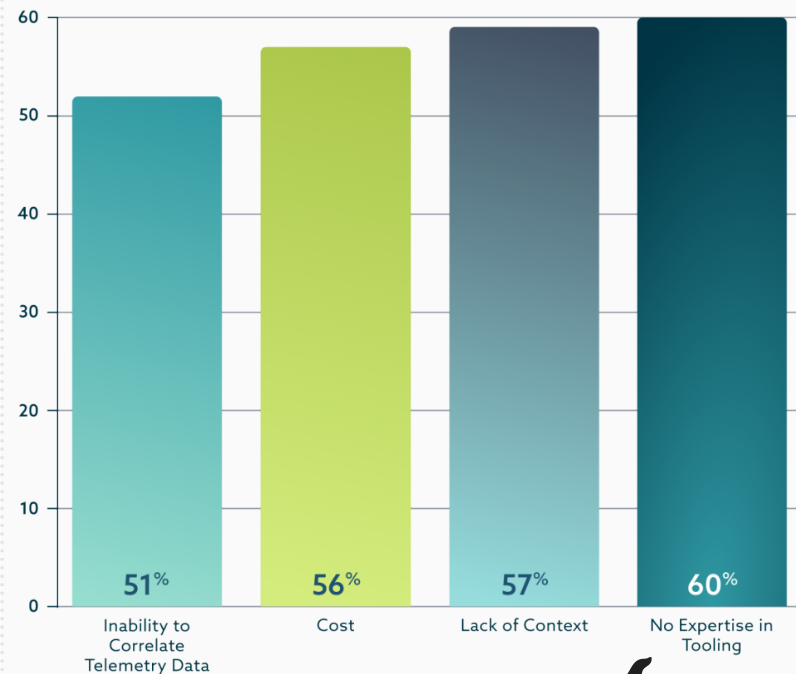
Organizations are Struggling with Observability

State of Observability Report, Observe and CITE Research, 2022

TOP CHALLENGES OF OBSERVABILITY



TOP CHALLENGES WITH MONITORING TOOLS



Introducing SkySQL Observability Service



Fully-managed service for SkySQL and remote on-premise DBs



Dashboards for real-time monitoring and insights



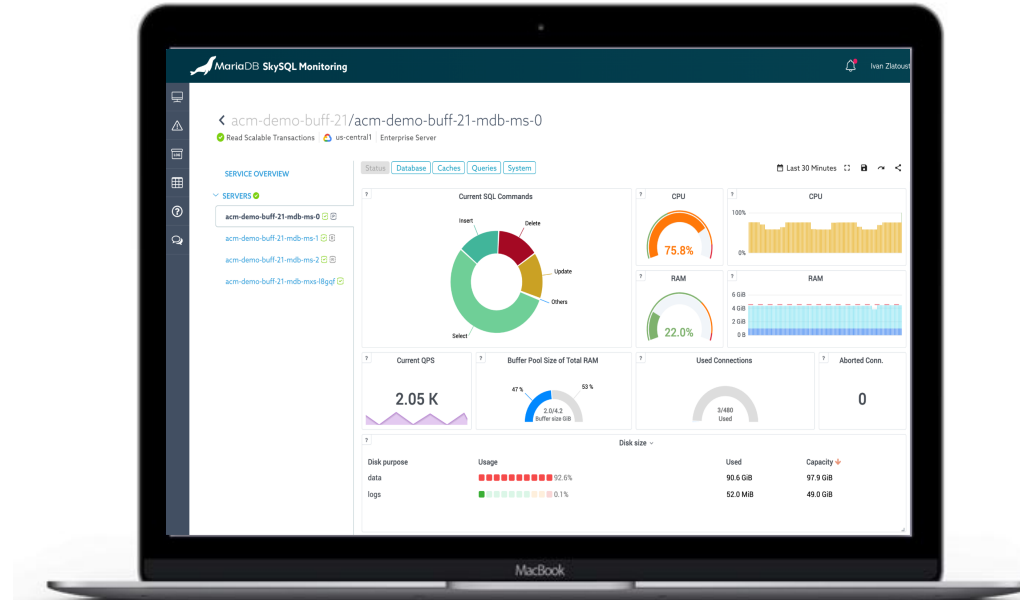
Logging/Alerts infrastructure built for hybrid cloud envs



Observability API to plug into 3rd party tools and apps

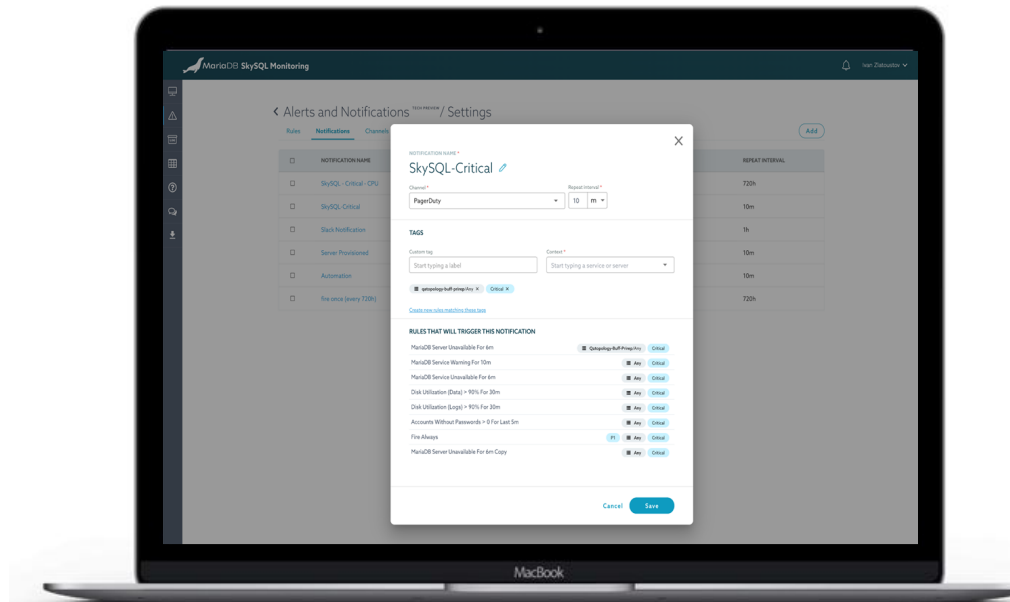
Real-time Insights on Performance and Capacity

- Rich visualization
- Monitor performance and capacity
- Rapidly identify problems, patterns and anomalies
- No up-front training required



Customizable Alerts and Notifications

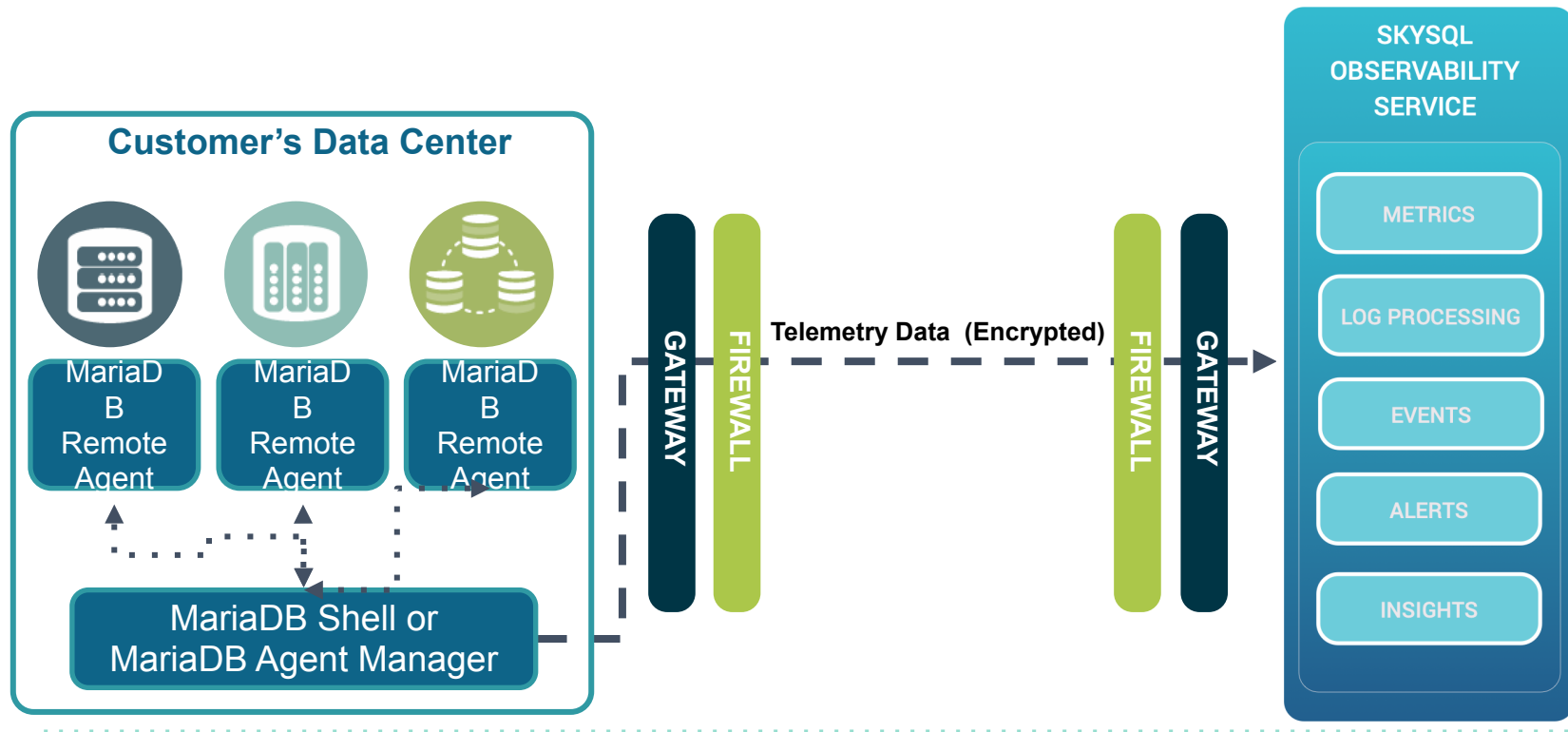
- Build rules-based dynamic alerts
- Alerting to notify potential issues
- Automate responses to customized notification channels



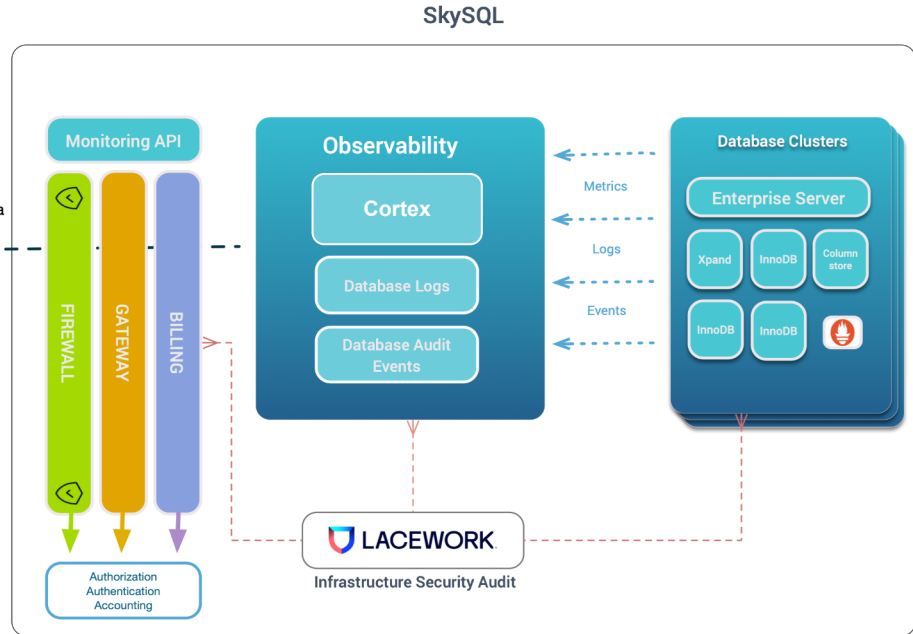
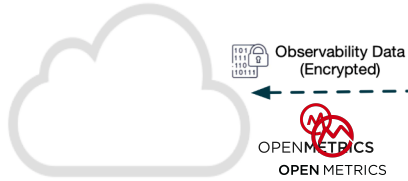
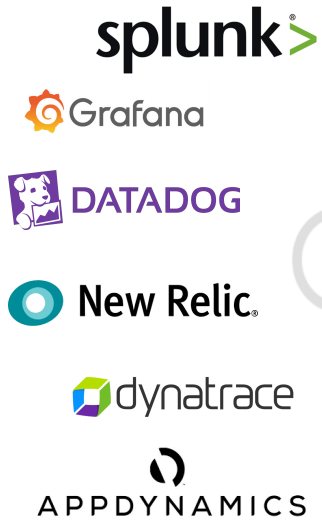
Architecture Overview



On-premise/Private Cloud



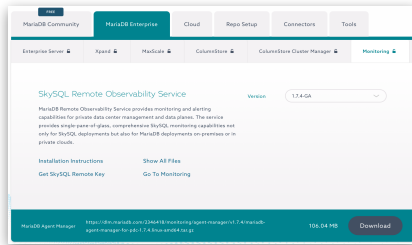
Integrate 3rd party tools via API



Setting up Observability is Quick and Easy

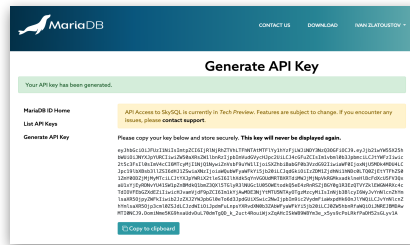
1

Create an account



2

Generate a Product Key



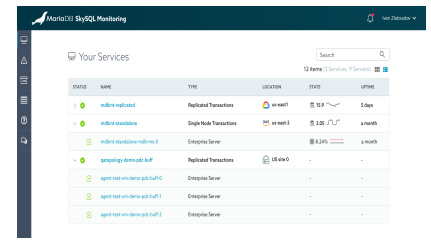
3

Configure Remote Agents



4

Configure your Dashboard



SUBSCRIPTION

- Fixed monthly pricing for Community server users
 - \$49/mo/db node for 1-4
 - \$45/mo/db node for 5-19
 - Bulk pricing for 20+
- Support for Licenses/Entitlements for RDBA customers

Subscribe to SkySQL Observability service ✕

Our pricing is incremental. The more databases you monitor the less you pay for each new one.

\$49/mo per database node	\$45/mo per database node	Volume pricing. Contact us.
1-4 Databases	5-19	20+

[Add your credit card](#)

We will bill you monthly according to the number of databases you connect.

UNIFIED EXPERIENCE

- Combine view of SkySQL and on-prem databases
- Rich Visualization

The screenshot displays the MariaDB SkySQL dashboard interface. At the top, the header includes the MariaDB logo, 'SkySQL', a link to 'Switch to previous release', an 'UPGRADE' button, a notification bell, and a user profile 'B Modi'. A left sidebar contains navigation links: Dashboard, Alerts, Logs, Workspace, Settings, Support, and Documentation. The main content area is titled 'Services' and features a search bar. It lists three database services:

- bm-gsp-db4**: Healthy, Community Server, us-central-1 - USA, updated 8 hours ago. Metrics include: Service Details (x1 node), Current SQL Commands (circular gauge), CPU Load (line graph), QPS (bar chart), and Alerts (0).
- bm-aws-db4**: Healthy, Enterprise Server, us-east-1 - USA, updated 6 days ago. Metrics include: Service Details (x1 node), Current SQL Commands (circular gauge), CPU Load (line graph), QPS (bar chart), and Alerts (0).
- xpandtopologyapac2**: Stopped, Enterprise Server, ap-southeast-1, updated a month ago. Metrics include: Service Details, Spending, Current SQL Commands, CPU Load, QPS, Alerts, and Xpand Global Replication.

At the bottom of the dashboard, there are links for 'CONNECT' and 'MANAGE' for the 'xpandtopologyapac2' service, and a footer with copyright information: '© 2023 MariaDB. All rights reserved. | Privacy Policy | Terms of Use'.

NEXT STEPS

- Watch out for tutorial content on using MariaDB Agent Manager at [SkySQL Observability Services](#).
- [Sign-up](#) to SkySQL if you haven't already and make a Database, now!
- Features coming soon:
 - Slow Query Browser
 - Insights into your databases
 - DB Configuration Management



THANK YOU



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