

CIS MARIADB BENCHMARK ASSESSMENT: THE CHALLENGE OF OPEN-SOURCE SECURITY

While open-source databases like MariaDB offer flexibility, their out-of-the-box installations often prioritize ease of use over security, creating "Default" vulnerabilities that leave your critical data exposed. Moving away from these insecure defaults requires specialized expertise to ensure your database configuration is resilient against modern cyber threats.

The XTIVIA Solution: Standardized Security Hardening

XTIVIA provides the **CIS MariaDB Benchmark Assessment**—a comprehensive service based on the community-consensus blueprint for securing your MariaDB open-source database environments. We harden your database from the inside out to ensure your configuration is ahead of emerging threats.

As a proud CIS Member, XTIVIA brings unmatched credibility and trust to your security posture.

Key Assessment Categories

Our assessment focuses on the unique security architecture of MariaDB, auditing and tuning critical configurations across five key areas:

- **Installation and Updates:** Verifying supported versions and restricting underlying file system permissions for the data directory.
- **Identity and Access Management:** Auditing user accounts to enforce "Least Privilege", removing anonymous accounts, and securing the root user from unauthorized host access.
- **Network Configuration:** Ensuring the database only listens on required interfaces and that encrypted connections (TLS/SSL) are enforced for all data in transit.
- **Logging and Auditing:** Evaluating the MariaDB Audit Plugin to ensure sensitive actions—such as failed logins or changes to user privileges—are captured and stored securely.
- **System Variables:** Tuning security-related variables (like `local_infile` or `secure_auth`) to minimize the attack surface and prevent common injection or bypass techniques.

Why This Matters to Your Business

By adopting the globally recognized standard of the CIS MariaDB Benchmarks, you achieve immediate, tangible benefits:

- **Standardized Hardening:** Eliminate guesswork by adopting a globally recognized standard for database security.
- **Risk Reduction & Compliance:** Meet rigorous compliance requirements (including PCI, HIPAA, etc.) and establish a clear audit trail for stakeholders.
- **Security Confidence:** Establish a trusted security baseline for your open-source databases, ensuring your data is protected against modern cyber threats.

Ready to Secure Your Environment?

Schedule your MariaDB CIS Benchmark Assessment with **XTIVIA** today.

Contact Us:

- **Phone:** 888-685-3101, ext. 2
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- **Learn More:** virtual-dba.com/cis-security/

XTIVIA Overview

XTIVIA is a proven technology integration and innovation company known for delivering leading-edge technology solutions to our client's specific requirements, regardless of project complexity. Since 1992, our success stems from a demonstrated ability to deliver deep expertise via professional services, empowering clients to successfully, competitively, and profitably leverage their chosen technology. XTIVIA has offices in Colorado, New York, New Jersey, Texas, Virginia, and India. www.xtivia.com