

SECURE YOUR OPEN-SOURCE DATA: XTIVIA'S CIS POSTGRESQL BENCHMARK ASSESSMENT

Establish a Trusted, Compliant Security Baseline

The **CIS PostgreSQL Benchmark** provides a globally recognized, consensus-based framework for securing your open-source database environments.

XTIVIA is a proud CIS Member, ensuring you receive assessments built on certified trust and industry-leading security expertise.

The Challenge of Open-Source Security

Open-source databases, supporting versions from PostgreSQL 9.5 through the latest PostgreSQL 17, often come with flexible defaults that may prioritize ease of use over security. This leaves your data layer vulnerable to unauthorized access, data leaks, and configuration drift.

The Solution: XTIVIA's CIS Assessment

We cover the full spectrum of secure configuration guidelines across five critical assessment categories:

- **Installation and File Permissions:** Verifying correct ownership and restricting access to critical configuration files (like `postgresql.conf` and `pg_hba.conf`).
- **User Access and Authorization:** Auditing roles and permissions to enforce the "Principle of Least Privilege," ensuring restricted access to sensitive data and administrative functions.
- **Connection and Encryption:** Evaluating network settings to ensure only trusted hosts can connect, enforcing secure authentication methods, and ensuring all data in transit is protected using robust TLS/SSL encryption.
- **Logging and Auditing:** Ensuring the database logs essential security events—such as login failures and schema changes—and that logs are protected from tampering.
- **Database Configuration:** Tuning internal parameters to disable unnecessary features and ensure the database engine operates in its most secure state.

Why Partner with XTIVIA? Robust Open-Source Security

Our assessment delivers critical benefits for your business and stakeholders:

- **Eliminate Common Misconfigurations:** We identify and close security gaps before they can be exploited.
- **Consensus-Driven Standards:** These guidelines are developed by a community of cybersecurity practitioners, ensuring your defenses reflect the latest industry best practices.
- **Compliance Readiness:** Aligning with the CIS PostgreSQL Benchmarks provides the verified evidence required for frameworks like **SOC2, HIPAA, and PCI DSS**.

Ready to Secure Your PostgreSQL Environment?

Schedule your **PostgreSQL CIS Benchmark Assessment** with XTIVIA today to ensure your environment is hardened, compliant, and resilient.

Contact XTIVIA

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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