

# XTIVIA CIS BENCHMARK ASSESSMENT: TURN CONFIGURATION DRIFT INTO CONTINUOUS SECURITY

## Prescriptive, Industry-Standard Security for Your Database Environment

XTIVIA is a proud CIS Member—partnering to adhere to the gold standard for security configuration and trust. As a Microsoft Business Partner, XTIVIA is uniquely qualified to assess your Microsoft SQL Server environment.

The CIS Benchmark provides a prescriptive, industry-standard blueprint for hardening your database environment. Unlike general network-level scans that look at the perimeter, this assessment performs a deep dive into the internal "vault" of the database engine.

## Why an Inside-Out Assessment Matters

Standard security staff often scan servers from the "outside-in," which can leave internal gaps—like over-privileged users—completely undetected. Because database environments constantly change, our audit identifies dangerous "configuration drift" before it becomes a vulnerability.

## Key Assessment Categories

Our deep-dive audit specifically examines six critical internal database configurations:

- **Service Account Hardening:** Auditing the Windows/OS accounts used to run SQL Server and the SQL Agent service to enforce the principle of least privilege at the operating system level.
- **Surface Area Reduction:** Disabling high-risk internal features (like xp\_cmdshell) that could allow an attacker to execute OS-level commands.
- **Identity & Privilege Management:** Evaluating internal user permissions to ensure the "Principle of Least Privilege," verifying that default, high-risk accounts are secured, and auditing sysadmin-level roles.
- **Data Integrity & Database Ownership:** Verifying database ownership chains and critical database file integrity settings to prevent unintended privileges and internal tampering.
- **Internal Encryption:** Confirming settings for Data-at-Rest (TDE) and Data-in-Flight (TLS/SSL) to protect sensitive information from internal sniffers.
- **Logging & Auditing:** Ensuring the database is configured to log critical security events, such as failed login attempts and changes to database structure, and confirming the instance is at a secure patch level.

## Drive Compliance. Guarantee Visibility.

- **Documented Compliance:** Provides the verified evidence needed to prove compliance with major regulations like PCI DSS, HIPAA, and GDPR.
- **Historical Tracking & Trend Analysis:** The audit is designed to be repeated over time, allowing us to track and compare results against previous benchmarks to identify and remediate configuration drift.

- **Visibility Beyond the Network:** Gain peace of mind with deep security insights into the internal data layer that network-level tools simply miss.

## Ready to Secure Your Database?

Establish a trusted security baseline, achieve documented compliance, and ensure continuous security for your critical data layer.

## Schedule your CIS Benchmark Assessment today with XTIVIA Virtual-DBA.

- **Learn More:** [virtual-dba.com/cis-security/](https://virtual-dba.com/cis-security/)
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## XTIVIA Overview

XTIVIA is a proven technology integration and innovation company known for delivering leading-edge technology solutions to our clients' specific requirements, regardless of project complexity. Since 1992, our success has stemmed 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](https://www.xtivia.com)