

SECURE YOUR DATA CLOUD: XTIVIA'S CIS SNOWFLAKE FOUNDATIONS BENCHMARK ASSESSMENT

Stop "data sprawl" and ensure your data warehouse is hardened against unauthorized access, data exfiltration, and insecure sharing practices.

Trust and Credibility

XTIVIA is a proud CIS Member, ensuring your assessment is guided by the latest, industry-vetted security standards.

Why This Assessment Matters: Governance in the Data Cloud

Protecting massive amounts of sensitive data requires a consensus-based approach. Our assessment provides:

- **Audit-Ready Compliance:** Obtain verified, documented evidence that your Snowflake environment meets rigorous global security standards, including SOC2, HIPAA, or PCI DSS.
- **Secure Modern Data Architectures:** We identify over-privileged shares and public stages before they can lead to a breach, addressing governance issues stemming from Snowflake's ease of sharing and scaling.
- **Consensus-Based Hardening:** We implement controls vetted by a global Community of SMEs, moving your security posture beyond basic vendor defaults and aligning with the latest [CIS Snowflake guidelines](#).

Key Assessment Categories

Our comprehensive audit focuses on the **Snowflake Foundations (1.0.0)** standards, covering critical areas of your account configuration:

- **Identity and Access Management (IAM):** Verifying Multi-Factor Authentication (MFA) enforcement, auditing the use of the ACCOUNTADMIN role, ensuring Network Policies restrict access to trusted IP ranges, and thoroughly auditing custom role hierarchies to enforce the Principle of Least Privilege.
- **Data Protection and Encryption:** Auditing the use of Tri-Secret Secure (customer-managed keys) where applicable, confirming data is encrypted at rest and in transit, and reviewing Time Travel and Fail-safe settings for regulatory compliance and continuity.
- **Logging and Monitoring:** Ensuring utilization of Snowflake's "Account Usage" and "Information Schema" views to monitor for suspicious login activity and unauthorized data access, establishing user and role activity baselines, and auditing security-critical session parameters.
- **Storage and Integration Security:** Evaluating the security of "External Stages" (S3, Azure Blob, GCS) and enforcing the "Principle of Least Privilege" for cloud storage access.
- **Network Security:** Reviewing "Private Connectivity" settings (such as AWS PrivateLink or Azure Private Link) to ensure data traffic never traverses the public internet.
- **Governance and Compliance:** Explicitly checking for the Segregation of Duties for security-critical roles (e.g., security auditor vs. primary administrator).

Ready to Secure Your Snowflake Environment?

Don't let the speed of the cloud outpace your security. Schedule your **Snowflake CIS Benchmark Assessment** with XTIVIA today to establish a secure foundation for your data and ensure your cloud warehouse is fully protected.

Contact Us

- For more information about our CIS Security services, please visit: 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