

SECURE YOUR CLOUD FOUNDATION: XTIVIA'S CIS AMAZON LINUX BENCHMARK ASSESSMENT

Establish a Trusted, Hardened Security Baseline

The **CIS Amazon Linux Benchmark** provides globally recognized, consensus-based best practices for securing your Amazon Linux environments. Developed through a community consensus process, these guidelines offer a prescriptive blueprint for hardening your systems against modern cyber threats.

As a **Proud CIS Member and AWS Partner**, XTIVIA delivers assessments built on certified trust and industry-leading security expertise.

The Challenge: Default Insecurity and Configuration Drift

By default, cloud operating systems are often configured for general usability rather than optimal security. Manual "best guesses" during setup often lead to insecure protocols, overly permissive accounts, and unauthorized access points. In today's high-stakes digital landscape, **a default configuration is a compromised one.**

The Solution: XTIVIA's Deep-Dive CIS Assessment

We perform a high-authority forensic examination of your Amazon Linux environment, auditing critical configurations against the latest CIS Benchmark standards (supporting Amazon Linux 2 and Amazon Linux 2023). Our audit provides total visibility into your posture across critical domains:

- **Identity and Access Management (IAM):** We verify "Least Privilege" access, audit for over-privileged service accounts, ensure root account protections are strictly enforced, and confirm **Multi-Factor Authentication (MFA)** is required for all administrative access.
- **Operating System Hardening:** We audit for insecure services and legacy protocols that should be disabled, while verifying kernel and boot integrity to protect against persistent malware. We also review current **Patch Management and Vulnerability Scanning** policies.
- **Data Protection and Encryption:** We verify that sensitive data at rest (e.g., EBS volumes) is encrypted and evaluate the enforcement of robust TLS/SSL configurations for all exposed services.
- **System Logging and Auditing:** We confirm that comprehensive security logging is active and integrated with **AWS CloudWatch** and **CloudTrail** for real-time telemetry and audit trail retention.
- **Network Configuration and Defense:** We evaluate VPC and Security Group rules to block high-risk ports and ensure that network traffic is restricted to only necessary business functions.
- **Permissions and File Integrity:** We verify restrictive file system permissions on sensitive configuration files (e.g., `/etc/shadow`, SSH configs) and enforce key-based authentication.

Why Partner with XTIVIA? Robust Cloud Governance

Our assessment delivers critical benefits for your business and stakeholders:

- **Eliminate Human Error:** Identify and close security gaps, such as default administrative credentials or "leaky" buckets, before they can be exploited.
- **Regulatory Acceleration:** Aligning with CIS Benchmarks provides the verified evidence required for frameworks such as **SOC 2, HIPAA, PCI DSS, and FedRAMP.**
- **Continuous Security:** We provide a prioritized remediation roadmap to stop configuration drift and can assist in integrating these results into your **Infrastructure as Code (IaC)** templates.

Ready to Secure Your Amazon Linux Environment?

Don't let insecure defaults put your infrastructure at risk. Schedule your **Amazon Linux CIS Benchmark Assessment** with XTIVIA today to establish a hardened, compliant, and resilient baseline.

XTIVIA is Your Comprehensive Security Partner:

We can extend this same rigor to your entire stack, offering CIS Benchmark Assessments for associated applications, databases, and other cloud services.

Contact XTIVIA:

- **Phone:** 888-685-3101, ext. 2
- **Email:** info@xtivia.com
- **Assessment Details:** virtual-dba.com/cis-security
- **Review the Standard:** [CIS Amazon Linux Benchmark Page](#)

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 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