

SECURE YOUR UBUNTU LINUX FOUNDATION: XTIVIA'S CIS BENCHMARK ASSESSMENT

Establish a Trusted, Hardened Security Baseline

The **CIS Ubuntu Linux Benchmark** provides globally recognized, consensus-based best practices for securing your Ubuntu environments. Developed through a community consensus process, these guidelines offer a prescriptive blueprint for hardening your systems against modern cyber threats, ranging from essential "cyber hygiene" (Level 1) to high-security defense-in-depth (Level 2).

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

The Challenge: Default Insecurity and Configuration Drift

By default, operating systems are often configured for general usability rather than optimal security. Standard Ubuntu installations frequently have unnecessary services enabled, open ports, and default account settings that create immediate backdoors for attackers. In today's 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 Ubuntu Linux environment, auditing critical configurations against the latest **CIS Ubuntu Linux Benchmark standards** (e.g., **22.04 LTS v2.0.0**). Our audit provides total visibility into your posture across critical domains:

- **Identity and Access Management (IAM):** We verify "Least Privilege" access, enforce strong password policies, and audit for "Ghost" users or over-privileged accounts.
- **Operating System Hardening:** We disable insecure services and legacy protocols, and verify Kernel and Boot Integrity to protect the core OS from rootkits and persistent malware.
- **Permissions and File Integrity:** We verify restrictive file system permissions on sensitive configuration files (e.g., password, Shadow, and SSH config files) and ensure only key-based authentication is permitted for SSH.
- **Logging and Monitoring:** We confirm that comprehensive security logging is enabled to detect anomalies and integrated for real-time telemetry, ensuring mandatory Audit Trail Retention to meet compliance standards.
- **Resource and Infrastructure Defense:** We evaluate host-based firewall rules (iptables/firewalld) to block high-risk ports and ensure disk encryption is enforced across all critical instances.
- **System Maintenance and Integrity:** We verify the security of software update sources (repositories) and ensure a controlled process for the timely application of security patches and system updates.

Why Partner with XTIVIA? Robust Governance and ROI

Our assessment delivers critical benefits for your business and stakeholders:

- **Eliminate Human Error:** Identify and close security gaps, such as default administrative credentials, before they can be exploited.
- **Regulatory Acceleration:** Aligning with CIS Benchmarks provides the verified evidence required for frameworks like **SOC2, HIPAA, PCI DSS, and FedRAMP**.
- **Actionable Remediation:** We don't just hand you a "Pass/Fail" report; we provide a prioritized remediation roadmap with effort estimates to fix every issue we find.

Ready to Secure Your Ubuntu Environment?

Beyond the OS, XTIVIA can also perform CIS Benchmark assessments on associated server-grade databases (e.g., MySQL, Oracle, PostgreSQL) and applications to ensure end-to-end workload security.

Schedule your **Ubuntu Linux CIS Benchmark Assessment** with XTIVIA today to establish a baseline, achieve documented compliance, and ensure continuous security for your critical infrastructure.

Contact XTIVIA:

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- **Email:** info@xtivia.com
- **Assessment Details:** 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 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