

Title:

IT Audits: A Checklist

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339

Summary:

IT audits need to be comprehensive. In this article, you will learn what topics need to be addressed during IT audits.

Keywords:

IT audits, IT-audits, IT audit, IT-audit

Article Body:

IT audits need to be as comprehensive as possible. To ensure you hit every area you need to during your IT audits, review this checklist.

- IT Audits - Physical Security:

To ensure that appropriate physical controls are in place to secure technology assets (servers, networking and telecommunications equipment) preventing unauthorized access.

- IT Audits - Logical Security:

To ensure that appropriate software security controls are in place to prevent viruses and unauthorized data access.

- IT Audits - Logistical and Environmental Controls:

To ensure that systems, networking and telecommunications equipment are housed in facilities designed to offer proper environmental conditions (regarding temperature and dust regulation, furniture, racks and physical equipment organization)

- IT Audits - Configuration Management:

To ensure that systems are installed and configured according to established requirements and standards.

- IT Audits - Systems Administration Procedures:

To ensure that security and systems administrative procedures are properly defined and assigned to staff.

- IT Audits - Hardware Inventory Management:

To ensure that all hardware is properly inventoried and that warranty and maintenance records are maintained.

- IT Audits - Software Licensing Compliance:

To ensure that all software usage is in compliance with licensing agreements,

and that appropriate licensing records are maintained.

- IT Audits - Data Backup and Disaster Recovery Procedures:

To ensure that data backups are being made and tested on a scheduled basis, sufficient to recover in the event of a systems failure, data loss, or other disaster.

- IT Audits - Documentation:

To ensure that all systems, procedures, and policies are properly documented and updated, including the appropriate retention of systems reports, error, help desk, and other related problem logs.

- IT Audits - Performance and Capacity Planning:

To ensure that all systems are performing according to required levels, considering uptime, systems availability, bandwidth, data storage availability, and the archival of older data files.

- IT Audits - Change Management: to ensure that all major changes to systems hardware and software are properly documented, tested and verified prior to implementation, with appropriate back-out plans.

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