# IT Audit Guide

<https://www.udemy.com/course/nmap-in-der-praxis-portscanning-und-schwachstellen-analyse/learn/lecture/7297678?components=buy_button%2Cdiscount_expiration%2Cgift_this_course%2Cpurchase%2Cdeal_badge%2Credeem_coupon#overview>

<https://www.comparitech.com/net-admin/network-security-auditing-tools/>

<https://www.computerweekly.com/photostory/2240149817/11-security-audit-essentials/1/11-IT-security-audit-tools-you-cant-afford-to-skip>

<https://www.comparitech.com/net-admin/network-security-auditing-tools/>

<https://www.dnsstuff.com/network-audit-tools-checklist>

<https://www.dnsstuff.com/it-security-audit>

https://www.computerweekly.com/photostory/2240149620/11-security-audit-essentials/2/1-Maltego

IT Audit Universe

ITGC Arbeitsprogramm

**Struktur:**

IT Security

IT Standards

IT Operations

Change Management

SAP?

**Software:**

* Vulnerability Scanner
  + Intruder
* Network Analysis
  + Wireshark
* Port Scanner
  + NMap
* Device Configuration

**ISACA Fachgruppe SAP:**

SAP HANA Datenbank

Testsystem KPMG

**Zukunftsthemen:**

Cyber Security

SAP S/4HANA

IDEA 11

Machine Learning / Datascience

CheckAud

**Literatur:**

Sicherheit und Prüfung von SAP-Systemen: SAP-S/4HANA-Landschaften prüfen und absichern Hardcover – 31 Mar. 2021

SAP HANA – Sicherheit und Berechtigungen: Systemsicherheit für Datenbank, SAP S/4HANA und SAP BW/4HANA

IT-Revision, IT-Audit und IT-Compliance: Neue Ansätze für die IT-Prüfung

IT-Audit: Grundlagen - Prüfungsprozess - Best Practice

Leitfaden IT-Compliance: Anforderungen, Chancen und Umsetzungsmöglichkeiten

**Zertifikate & Kurse:**

* Cybersecurity Practitioner(ISACA/BSI)
* **CISM** (Certified Information Security Manager)
* CISSP (Certified Information Systems Security Professional)
* CRISC (Certified in Risk and Information Systems Control)
* Coursera
  + Deep Learning Specialization
  + Advanced Data Science with IBM
  + IBM Machine Learning