



Explore the future technology
LET OUR DREAM COME TRUE

Welcome

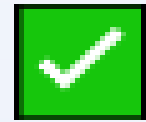
Cyber Security Focus on IT audit

01st March 2024

Objective of this Webinar

- To help people to develop knowledge related to Cyber Security, IT audit, compliance and risk management
- To highlight
 - the job opportunities for fresher in the field of IT audit
 - the skill development opportunities for the Cyber security and IT audit professionals enabling them for career advancement

Who will be benefitted by this webinar



IT auditors, Team Leads and audit managers



Cyber Security professionals



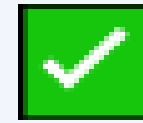
Risk, Compliance & IT Service Continuity (BCP/DR) professionals



Access managers, developers, and other IT operations team



Any IT / non IT graduates & Engineers looking for a lucrative career path



Chartered Accountants (CA) willing to explore IT audit



Privacy consultants



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2 March 2024

About the Presenter



Lakshmi Narasimhan

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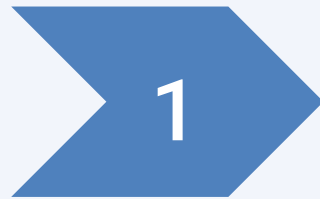
Over 30 years of experience in IT audit, assurance, information technology and banking domains.

Having extensive experience in information system audits, risk assessments, privacy assessments, software development and IT project management

Conducted several in house training sessions on IT audit and related functions

Conducted several interviews for hiring

Agenda



About IT audit and its relevance to Cyber Security, Compliance and Risk Management



Demand for IT auditors and opportunities

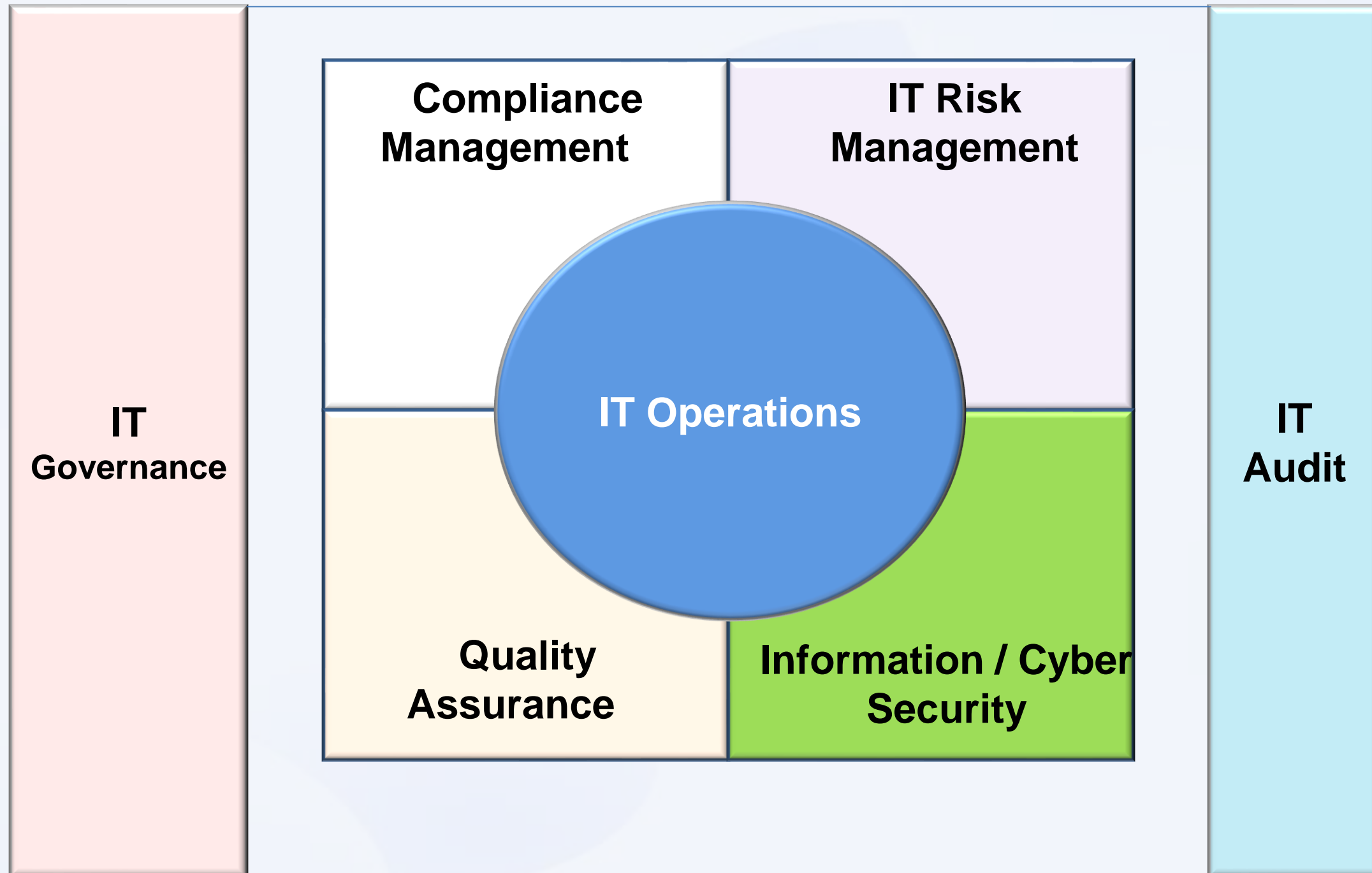


Challenges



How can we help you?

Organisation responsibilities over Information Technology



Statutory / Regulatory bodies
Compliance requirements
(SOX/HIPAA/PCI-DSS, GDPR)

Governance
Organisation Policies & Standards

Clients / Suppliers / Service providers
Security requirements (ISO 27001)

**Risk
Manager**

Risk Management
Mitigation controls

Business
Data Security and application controls

**Compliance
Manager**



Operation Team
Implements all the
control requirements
from various sources
and execute the
controls



**Information / Cyber
Security**
Consolidate and
prepare a
comprehensive control
framework.
Oversee
implementation and
monitor control
execution

**Information
Security
Manager**



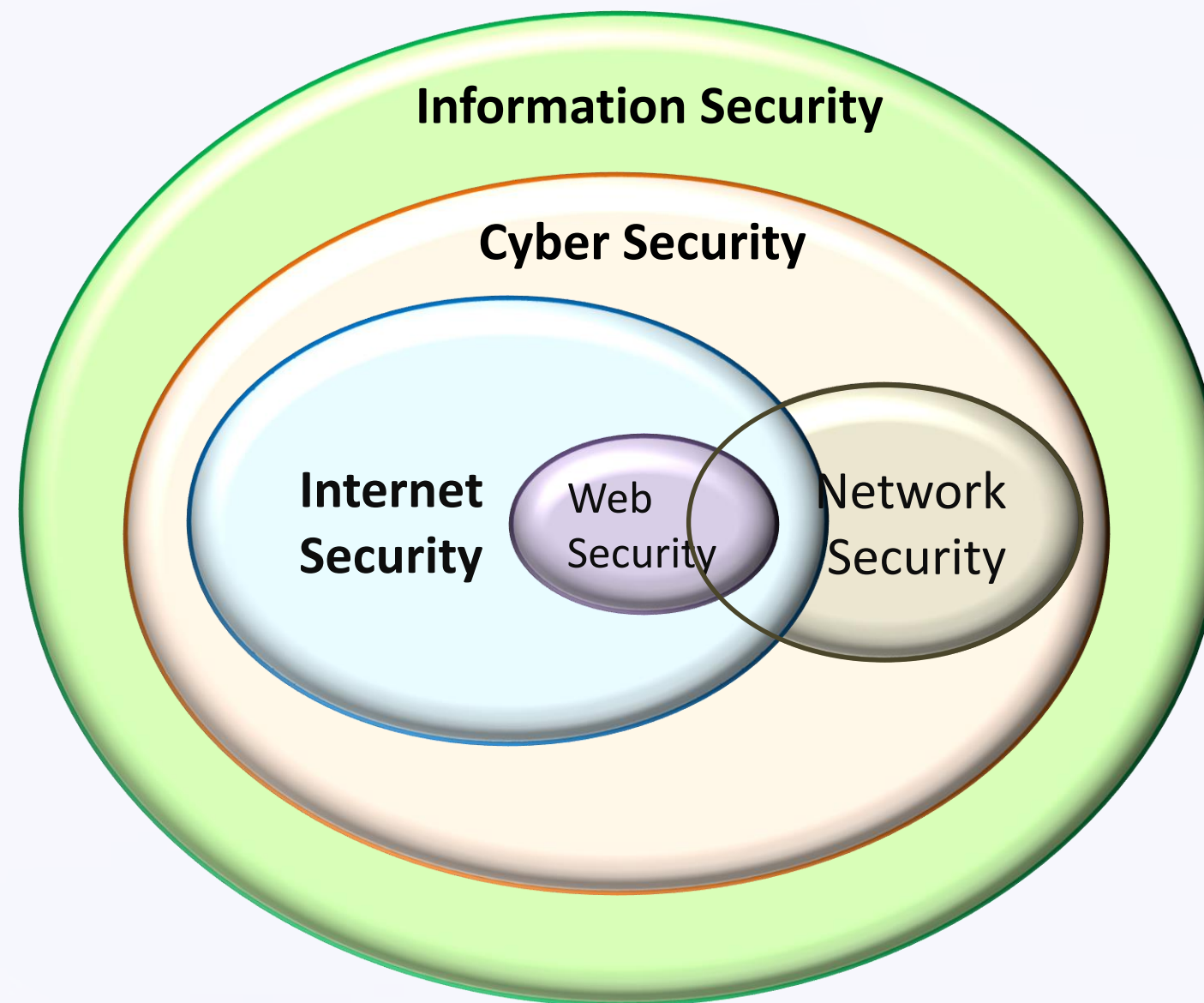
IT Auditor



IT auditor
Test the
design and
operating
effectiveness
of the
controls

Sources of Controls

- ISO / IEC 27001:2022
- ITIL
- COBIT
- NIST
- Cloud Security Alliance
- CIS (Centre for Internet Security)
- PCI / DSS
- GDPR
- HIPAA



Sources of audit requirements

- Statutory audits
- SOX
- SOC1, 2, 3
- FISMA
- FedRAMP
- HIPAA
- PCI / DSS
- GDPR
- ISO/IEC 27001:2022

Information Security

- Physical security, IT asset management, Human resource security, Data management, BCP and DR, Third Party Risk Management

Cyber Security

- Security training, Security monitoring, Incidence response

Internet Security

- Firewall
- IDS & IPS
- Anti malware
- SSL & Transport layer Security

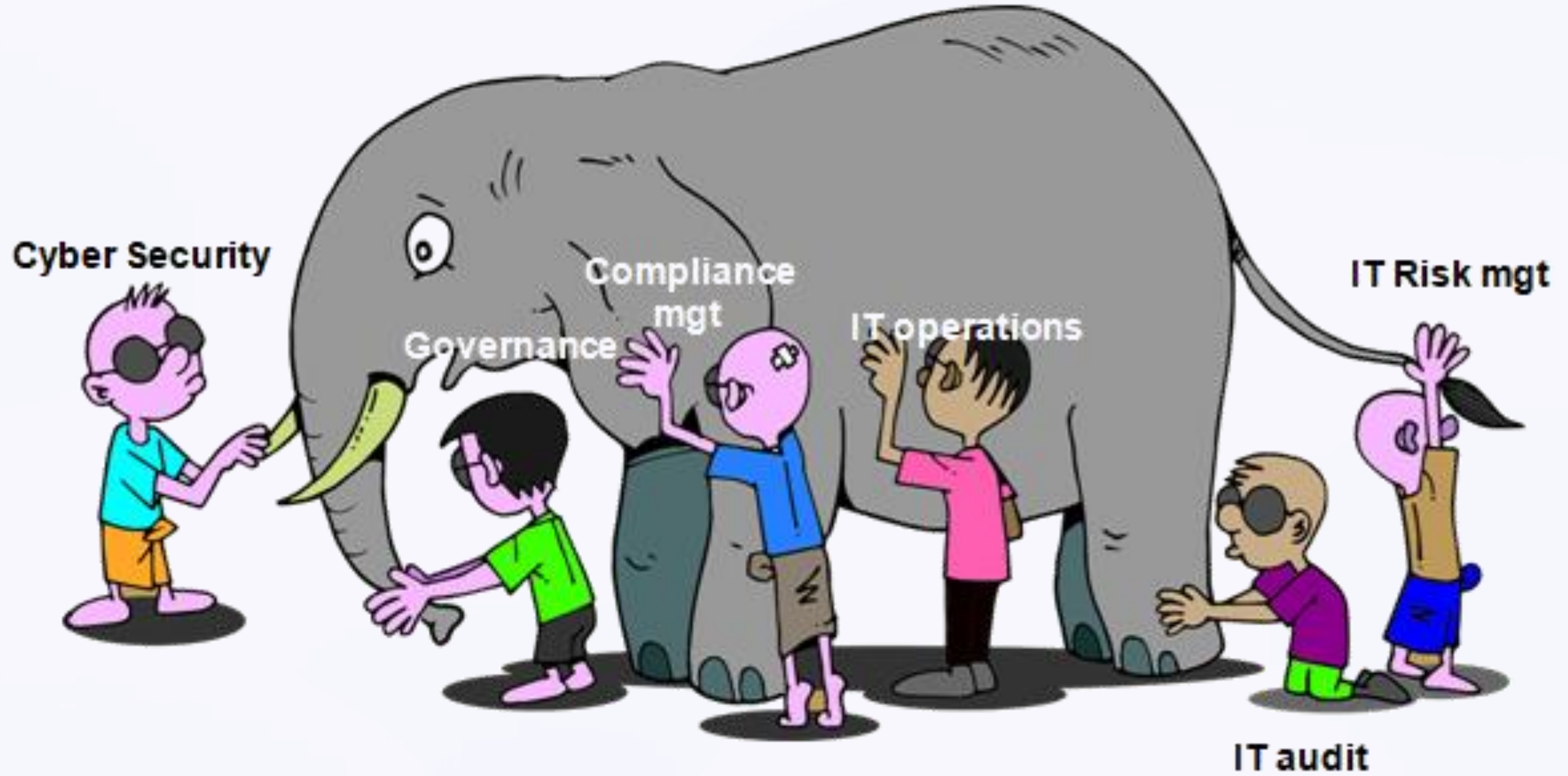
Web Security

- Secure coding (Code review)
- Web application firewall
- Secure authentication
- Data Encryption
- Application Vulnerability assessment

Network Security

- VPN
- Network segmentation
- Access Controls List
- Network log monitoring
- Content filter

Information Technology





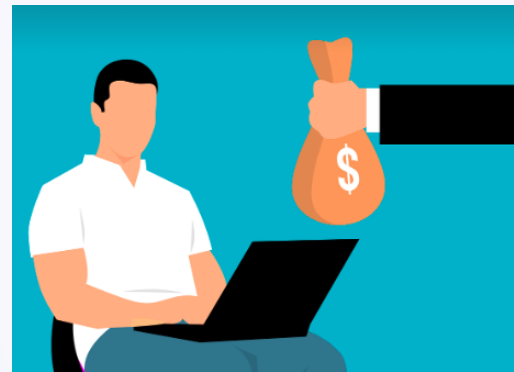
IT audit

Ever increasing demand for Information System auditors

- Increasing global presence of Corporate and MNCs
- Increase in outsourcing
 - ITO, BPO and Cloud services
 - Shared Service Centre
 - Back office operations
- Increase in cyber space risks due to AI, IOT etc
- Strict privacy and other compliance requirements



Consequences



- IT auditors
 - Demand > supply
 - High attrition
 - High salary
 - Switching every 18 - 30 months with 40% to 120% hike

Career options

- Statutory audits
- SOX audit
- SOC1, SOC2, SOC 3 audit
- Internal audit
- SOX management assessment
- Continuous control monitoring
- Compliance audits (Data Privacy, HIPAA, PCI/DSS...)
- Cyber Security audits
- ISO certification audits



IT Auditor



Career progression options

Consulting Services

Compliance Management

Risk Management

Business Continuity Management

Data Privacy

Other relevant roles available for an IT auditor

Compliance management

- Compliance manager
- Compliance coordinator
- Audit coordinator

Risk Management

- IT risk consultant
- IT risk manager

Data Privacy

- Data Privacy assessor

Business Continuity Manager

- BCM
- BCP / DR assessor

Consulting services

- IT Governance
- Consulting for implementation of controls in new applications / Infra set up
- ISO Certification support (ISMS)
- Cyber Security controls
- SOX controls
- Data Privacy / BCP DR reviews



Where are the opportunities?

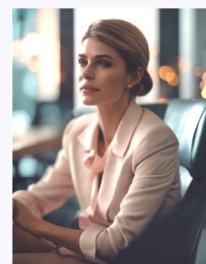


- Big 4 and other global audit firms
- Registered audit firms operating within the country
- Product Companies
- Banking, Insurance and Finance Companies
- IT Service providers
- BPO Service providers
- Consulting firms
- Large Corporate Companies

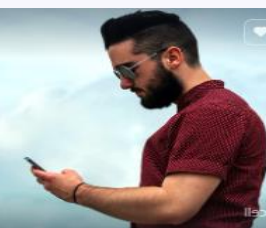
Advantages of choosing IT audit career



- Technologies keep changing. Specialists are heavily technology dependent
- Audit concepts, processes and testing of controls remain almost the same. Audit is somewhat technology independent
- Audit is a high revenue business for the audit firms. So auditors get a handsome salary.
- During difficult times, organisations may defer the projects or downsize workforce. Many audits are mandated and cannot be dispensed with.
- After a few years of service, IT Auditors have the opportunity to move to a different related function without much difficulty



Already we are in IT audit field. We have challenges...



We are working with IT auditors. We have challenges...



Challenges are everywhere....



We have a solution

Let us look at some of the challenges...

Fresher / New IT auditor



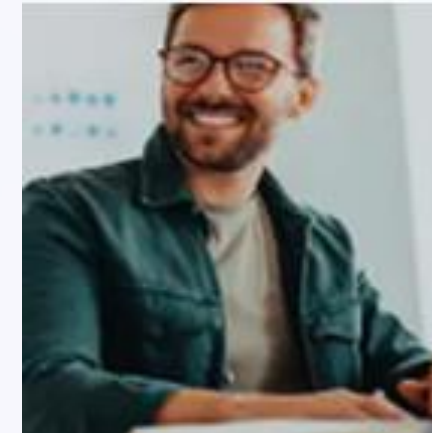
Lack of proper training.
Our LMS (Learning Management) has audit courses but they are only theory. No practical exposure.
Team members help us but on piecemeal basis - not consistent and detailed

Internal auditor - IT



Very small team of IT auditors. No seniors to coach us or provide clarifications.

Experienced auditor looking for opportunities



Not getting promotion. Not able to clear interviews.
How can I bridge the gaps?

Senior IT Audit Manager



I conducted several interviews for the post of IT auditors.

Not getting the right candidates.

Experienced in the audit but knowledge and skills are lacking.

Chartered Accountant



I conduct finance audits. I am very much interested in conducting IT audits as well. That will give me more career growth opportunities

Person with IT background



I have experience in infrastructure maintenance. I have IT knowledge. My colleagues in IT audit team are earning more. I too want to switch internally but I do not know what is IT audit.

Most common causes leading to poor performance

- Not understanding the ways of working
- Not understanding the IT processes
- Not understanding the intent of the controls
- Lack of proper prioritisation of activities
- Poor communication- Confusing evidence requests
- Multiple evidence requests for the same control
- Just accepting whatever the process owners say / provide as evidence without analysing the risks, completeness, effectiveness, accuracy etc.
- IT dependency (IPE) - population correctness evidence not obtained
- Inappropriate test plans. Inadequate depth of testing
- Poor documentation – documentation not detailed enough

Learning IT audit helps not only the auditors
but also the persons supporting / dealing with
auditors



IT Team members



We are facing SOX audit for the first time. The auditors talk about controls and ask for evidences, I do not know what a control is and which evidences they require. They are not allowing me to do my regular job.

We migrated to new ERP in the mid of the year. Old systems are decommissioned, Now auditor asks screenshot from the old system.

Access Manager



We regularly conduct user access reviews. I was very much surprised when the auditor tested this and informed me that it is a deficient process. Auditor failed the control and we felt the wrath of the top management. Had I known the audit requirements early, I would have improved the process and passed the test.



Compliance Manager

Understanding audit requirements help me to improve the compliance level
It also helps me to effectively coordinate between the auditors and the IT teams. I can communicate well and decipher what the auditors want.

Risk manager

Understanding IT controls and evidence requirements gives me a better view on IT risks and helps me to suggest improved risk mitigation measures.

Information Security Manager

Understanding IT audit controls and evidences and the level of the audits help me to implement and monitor controls more effectively.



We can help you



15 Days Master class on IT Audit

From: 05th March 2024 (Tuesday)

To: 21st March 2024 (Thursday)
(excluding Sundays)

Time: 7:30 p.m. To 8:30 p.m.



In the mission of helping Millions of People to
excel in their career

You will learn on this 15 Days Workshop

- Fundamentals of compliance, risk management, cyber security and IT audit
- Advanced audit practices and insights



- **Seven modules**

- Moving from basic level (module 1) to advanced level (module 6)
- Module 7 provides valuable insights, with real case examples of challenging situations and how to analyse and come to the correct conclusion
- Detailed guideline materials and templates
- Quality related tips
- Training on right prioritisation



- **Fifteen hours of online sessions**

- Thirteen (13) hours of training sessions one hour a day
- Two (2) doubt clearing sessions on Saturdays

1	IT audit overview
2	IT audit process
3	IT environment
4	IT risks and controls
5	Performing IT audit
6	Testing key controls
7	IT audit Insights

Who will be benefitted by this online course

- ✓ IT auditors, TLs and audit managers
- ✓ Cyber Security professionals
- ✓ Risk, Compliance & IT Service Continuity (BCP/DR) professionals
- ✓ Chartered Accountants (CA)
- ✓ Privacy consultants
- ✓ Access managers, developers, and other IT operations team
- ✓ CISA certified or those preparing for CISA examinations
- ✓ Any IT / non IT graduates & Engineers looking for a lucrative career path
- ✓ ISO 27001 certified persons

At the end of the course



You will gain thorough knowledge on

- Various compliance requirements and security standards
- Unified control framework
- Technology components, key IT roles and key IT processes
- How people, process and technology are interlinked with each other
- Information security / Cyber security related controls, classification of controls and how they are mapped to the risks
- How to improve the effectiveness of the controls in the processes
- Types of IT audits
- End to end audit process

At the end of the course

You will develop skills on

- Performing audit scoping exercise
- Population collection and sample selection techniques
- Conducting design effectiveness and operating effectiveness assessments and updating test documents
- Effective communications, prioritisation and attention to details
- Preparing effective templates such as project plan, risk and control matrix, test documents
- Insights on challenging scenarios, conducting risk based audits and documenting at re-performance standards



Testimonials – What our students loved about our training



Rajesh Y S

1 review  IN



7 hours ago

Highly Informative and Practical: IT Cybersecurity Audit Workshop

I recently attended the practical workshop on IT cybersecurity Audit conducted by Mr. Gopichand and Mr. SLN. The session was exceptionally well-organized, providing valuable insights into cybersecurity auditing. Both instructors demonstrated in-depth knowledge and a practical approach, making the content highly relevant for IT employees. I highly recommend this workshop for anyone looking to enhance their skills in cybersecurity auditing.

Date of experience: February 18, 2024

 Useful

 Share



Testimonials – What our students loved about our training



Sunil

2 reviews



IN



A day ago

Wonderful course with easy to understand concepts

It was a first live class; I took after many years. And I would say, it was really helpful in understanding the concepts of these vast area in short period. Both Gopi, and SLN sir has really good knowledge of IT audits, and other various audit related subject. I am happy the sessions help people like me with novice knowledge also.

Date of experience: February 17, 2024



Useful



Share



Testimonials – What our students loved about our training



Prashant Pimple

1 review  IN



A day ago

IT Audit Training

Course is amazing and it will prepare you to start career in IT Audit.

Date of experience: February 17, 2024

 Useful

 Share



We will Handhold You,
Let us be Your Partner in Success 🦾

Thank You

