

Information Security Essentials for Corporate Users



Education & Training
Services

Skills and expertise to help you increase your knowledge in the field of digital technologies

About this workshop

In the era of digital transformation, the importance for having substantial knowledge on cybersecurity and information security is becoming essential skills to acquire for every corporate user. The reason behind is the protection of information and organizational reputational brand which is now considered as one of the critical function for all enterprises.

The hazard behind Cybersecurity and Information Security is growing fast and it is now becoming vital for all enterprises of all sizes to invest into their corporate users with a strategy to enable them with a basic education that will help them in understanding the basic knowledge required when it comes to recognizing overall threats, vulnerabilities and risks associated to their organizations.



This workshop is designed for this purpose, as well as to provide the insight into the importance of information and cybersecurity, and the integral role of corporate users how to face different challenges faced today by all enterprises to combat security problems.

After completing this workshop, you will be able to:

- Understand basic information and cybersecurity concepts and classifications.
- Recognize malware analysis concepts and methodology used by hackers.
- Distinguish system and application security threats and vulnerabilities.
- Classify types of incidents.
- Understand security event correction tools.
- Be aware of the basic concepts, practices, tools, tactics, techniques and procedure used today by cybercriminals.
- Elaborate basic security principles, guidelines and procedures to safeguard data.
- Understanding Data Encryption and types of encryptions.
- Describe why data encryption is important.
- Understand Identity Theft Protection and how Multifactor Authentication can help in reducing the overall implications with typical scenarios.
- Exploiting “Users” role in Information Security.

Workshop details:

Unit 1 – The Role of Information and Cybersecurity during COVID-19 pandemic

- A little backdrop on recent cyber attacks in Pakistan
- World is getting instrumented, interconnected & intelligent.
- Exponential Data Growth – Some key facts and figures.
- The evolution of storage technology and future predictions.
- Assume a world without a security.
- Most Frequently Targeted Industries in 2018.
- Why a security is becoming a board room discussion.

- Key Security Concerns for the Executive Management.
- Security Vs. Safety in a view.
- How to avoid Social Engineering & Malicious Software.
- Hacker tricks to avoid – Recommendations.
- Understanding Cybersecurity and Cyberspace.
- Differences between Information Security and Cybersecurity.
- Multiple layers of protection offered by Security Solutions.
- Why securing your environment is important?
- More devices than Humans – One of the serious concern.
- What is Information Security.
- Information Security and Dependability.
- Why you need to make security a priority.
- Types of cybersecurity threats.
- Malware Detection.
- Why is Cyber Resilience needed.
- Top 11 ways poor security issues that can harm you.
- Security – Defense in depth.
- Security Awareness – The 6 Layered Model.
- Blueprint for Cybersecurity Success.
- What are the objectives of Cyber Security?
- How Web 3.0 will change our lives?
- Adoption of Cybersecurity best practices.
- Cybersecurity Awareness – Summary.
- 5 Questions you should ask your Services Provider.
- Careers in information and cybersecurity.
- Typical Cybersecurity roles in the industry.

Unit 2 -Basic Security Principles and Guidelines

- Why Data Protection is important for organizations?
- Understanding security guidelines and principles.
- Basic guidelines for setting up a user password.
- Tips for keeping your password secure.
- The six basic Cybersecurity Principles.
- Understanding Data Encryption and types of encryptions.
- Describing Symmetric and Asymmetric Encryptions.



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Target Audience for this workshop

Business, application and database, audit, risk, compliance, information security, IT operations, project management, networks, and legal professionals with a familiarity of basic IT/IS concepts who want to;

- Learn new basic trends in information and cybersecurity.
- Understand users role in information security.
- How deal with vulnerabilities, risk and threats.
- Security guidelines and principles.



About the instructor

Training will be delivered by an experienced trainer with 25+ years of career experience imparting education and training services both locally and internationally and have served international enterprise technology vendors including IBM, Fujitsu, and ICL.

Our instructor holds various industry professional certifications in the space of enterprise servers and storage technologies, Information Security, Enterprise Architecture, ITIL, Cloud, Virtualization, Green IT, and a co-author of 10 IBM Redbooks.

The training course flow will be a mix of lectures & classroom discussions and videos so that participants can have a detailed understanding of various components and technologies used to combat against cyber attacks.

- The 8 Principles of Cybersecurity Laws.
- Goals and Principles of Cybersecurity – The larger picture.
- About National Response Center for Cyber Crime – Pakistan.
- Center of Internet Security Guidelines: Top 20 Cybersecurity Controls.
- Describing Identity Theft Protection.
- Understand Multifactor Authentication and typical scenarios.

Unit 3 - Dealing with Risks, Threats and Vulnerabilities

- Understand Fault Tolerance and Fault Resilience.
- Examining the Cost of a Data Breach.
- To address security threats, leaders must avoid following common myths.
- Understand Incidents, Breaches, Risk & Vulnerability.
- Use five fundamental security principles to help guide you.
- Threats, Motives and Methods.
- Threats and security challenges faced today.
- Understand Threat management.
- Different threat levels and risks.
- Knowing security threats and their channels.
- Understanding Security Elements – The larger picture.
- Risk Management: Know your risks.
- The role of Risk Management.
- Defense Planning – Risk Analysis and Assessments.
- Risk Management Approach, key objectives and benefits.
- A small backdrop on ISO 27001.
- 12 main sections of ISO 27002.
- Qualitative Risk Assessment – Simple and Detailed Risk Assessment
- Security Challenges for Data Storage Ecosystem.
- Security risks and solutions in the digital transformation age.
- Possible vulnerabilities that one cannot ignore.
- Types of Comprehensive Vulnerability Assessments.
- Elements of Risks.
- Threat, Risk and Vulnerability – A High Level Summary.

Unit4 - Understanding Users Role in Information Security

- Endpoint security issues caused by users.
- What is Role?
- Understanding “Users” role in Information Security.
- Differentiating between the role of Data Steward and Data Custodian.
- Users role in Information Security.
- Safeguarding Institutional Data.
 - Protecting Electronic Data, Safeguard your Passwords, Secure Your Computer, Protecting Physical Data, Disposing of Data (Data Sanitization).
- Safeguarding Electronic Communications.
- Avoid Risky Behavior Online.
- Report any Suspected Security Breach.
- Adhere to the Computing Policy.
- Block or allow pop-ups in your Web Browsers – An important step.
- Check and remove malware from your computer – Windows.
- Tips to help you stay more secure online – A Brief Summary.
- Additional Information – Guidelines.

A flexible pricing model for corporate

This workshop can also be delivered for an organization at their premises with 40% reduction is the cost subject to 10 - 15 corporate users taking this session from different LOB's.

Detail Information

Course Code	: TN226
Course Duration	: 1 Day - Face- to-Face Workshop
Course Location	: TLC and Customer On-site.
Terms & Conditions	: 100% payment in advance.
Course Deliverable	: Comprehensive Student Guide and Course Certificate

For additional information, please write to us at: info@tlcpak.com



*Opportunities are made,
not found*