

## NEWSLETTER

Page 1: Martin Dow Ltd and National Bank of Pakistan have attended our second two-day workshop on “Zero Trust Security Implementation for the Hybrid Enterprise” in Karachi.

Page 2: National Bank of Pakistan and Pakistan Stock Exchange have attended a workshop on “Blockchain Technology for Business and Technology Leaders” in Karachi.

Page 3: National Bank of Pakistan has attended a two-day workshop on “Zero Trust Security Architecture Framework” in Karachi.

Page 4: National Bank of Pakistan and Simpaisa have attended “TOGAF Enterprise Architecture Framework” in Karachi.

Page 6: State Bank of Pakistan has attended a workshop on “The Role of Secure API Strategy for Open Banking” in Karachi.

Page 7: National Bank of Pakistan has attended a workshop on TOGAF Enterprise Architecture Framework” in Karachi .

Page 8: Lotte Chemical Pakistan, DP World, Toyota Indus Motors Ltd, 1Link (Private) Ltd have attended a two-day workshop on “TOGAF Enterprise Architecture Framework” in Karachi.

Page 10: “Executive Leadership Series” program announced by TLC – A Series of one-day workshops.

Page 11: Customer feedbacks on our Quality of Services.

Page 12: New courses announced – As a part of our digital and cybersecurity stacks.

Page 14: Key Fundamentals of Technical Writing – An important aspect of Information Technology.

Page 15: First Quarter 2025 Education and Training Services Schedule.

Page 16: Continuous Learning and Professional Development Program at TLC.

Page 17: TLC 2024 Internship Program

## Zero Trust Security Implementation for the Hybrid Enterprise



**December 31, 2024:** Today, clients from Martin Dow Limited and National Bank of Pakistan have attended a two-day F2F workshop on “Zero Trust Security Implementation for the Hybrid Enterprise” that was conducted by Adnan Ikram at Marriott Hotel in Karachi.

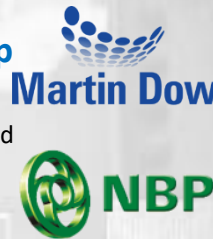
A very special thanks to **Mr. Ijlal Jafri**, Group CIO, Martin Dow Ltd and **Mr. Khawaja Mohammad Ali**, Chief Information Security Officer, National Bank of Pakistan for showing their trust and giving us an opportunity to serve their teams with this workshop.

A special focus was made on the ZT implementation enterprise strategy targeting UEBA, CASB, SASE and SD-WAN following Forrester and NIST Zero Trust frameworks. Zero Trust dynamic remediation workflow was discussed in detail based on MDM/MAM, IAM, SIEM, UEBA and SOAR technologies. In summary, ZT allows organizations to tailor security setting to the specific needs of each

segment and limit attacker’s lateral movement. Following a key zero trust principle, least-privileged access, trust is established based on context (e.g., user identity and location, the security posture of the endpoint, the app or service being requested) with policy checks at each step.

### List of participants who have attended this workshop

- Mr. Urooj Ahmed, Head of IT Operations – Martin Dow Market Ltd
- Mr. Muzaffar Shah, Manager Information Security – Martin Dow Market Ltd
- Mr. Abdul Waris, Manager Infrastructure & Cloud – Martin Dow Ltd
- Mr. Noman Saeed – Wing Head IS Governance & Compliance – NBP
- Mr. Muhammad Usman Khan, Network Security Analyst – NBP



Mr. Urooj Ahmed



Mr. Muzaffar Shah



Mr. Abdul Waris



Mr. Noman Saeed



Mr. Usman Khan

# Blockchain Technology for Business and Technology Leaders

## Executive Leadership Series



**November 22, 2024:** As a part of our “Executive Leadership Series” program, clients from Pakistan Stock Exchange and National Bank of Pakistan have attended a one-day Face-To-Face workshop on “**Blockchain Technology for Business and Technology Leaders**” that was conducted by Adnan Ikram, Certified Blockchain Expert (Blockchain Council), of TLC at Marriott Hotel, Karachi.



Blockchain holds the promise of bringing greater efficiency and transparency across all major business industries, for example, allowing cross-border transactions to be made in real-time and money to be exchanged at the speed with which information moves today, one use-case is Open Banking Framework under a Zero Trust Security environment.

### List of participants who have attended this workshop

- Mr. Muhammad Farooq, Deputy General Manager IT - Pakistan Stock Exchange
- Mr. Aamir Maqbool, Wing Head Software Development
- Mr. Akbar Bhimani, ADC Wing Head - NBP
- Mr. Muhammad Ayaz, Process Digitalization – NBP
- Ms. Mairaj Zeb – Workshop Facilitator, TLC
- Mr. Adnan Ikram – Workshop Instructor, TLC

➔ The next one-day workshop is now scheduled on February 7, 2025 in Karachi

Moreover, Gartner forecasts that Blockchain technology will generate an annual business value of around USD 3 Trillion by 2030. To view the complete detail on our ELS program, please visit [www.tlcpak.com/ELS.html](http://www.tlcpak.com/ELS.html)



Mr. Muhammad Farooq



Mr. Aamir Maqbool



Mr. Akbar Bhimani



Mr. Muhammad Ayaz



Workshop in progress

# Zero Trust Security Architecture Framework

**November 19, 2024:** Clients from National Bank of Pakistan has attended a two-day Face-To-Face workshop on “Zero Trust Security Architecture Framework” that was conducted by Adnan Ikram, Director Technology Services, of TLC at Marriott Hotel, Karachi. This was TLC’s 11<sup>th</sup> workshop on this subject.

We would like to thank you **Mr. Amin Manji**, CTO/Group Chief Information Technology Group for giving us an opportunity to serve NBP as one of their trusted technology partners.

Participants were taught about the ZTA Framework, why Network Access Control are considered as a critical component of any ZT strategy, importance of having an Advanced Network Threat Prevention for performing signatureless malware discovery, how Next Generation Firewalls are considered as better choice compared to Unified Threat Management can help in improving security posture while reducing complexity, Identity Management principles, ZT Model and implementation methodology, ZT use cases guidelines and an action plan for starting a ZT journey. A special focus was made on the importance of a remediation process based on MDM, IAM, UEBA, SIEM, and SOAR technologies was discussed.



## List of participants who have attended this workshop

Mr. Yasir Ahmed, Project Manager Enterprise Technology  
 Fahad Yousuf Munir, Unit Head Allied Software Dev.  
 Mr. Furqan Shamim, Service DevOps Engineer  
 Mr. Mehmood Sikandar, SOA Service Analyst

Mr. Dhanesh Kumar, Project Manager  
 Mr. Akbar Bhimani, ADC Wing Head  
 Ms. Mairaj Zeb – Workshop Facilitator, TLC  
 Mr. Adnan Ikram – Workshop Instructor, TLC



Mr. Yasir Ahmad



Mr. Dhanesh Kumar



Mr. Akbar Bhimani



Mr. Furqan Shamim



Mr. Fahad Yousuf



Mr. Mehmood Sikandar



Workshop in Progress



Workshop in Progress

# TOGAF Enterprise Architecture Framework



**November 9, 2024:** Clients from National Bank of Pakistan and Simpaisa have attended a two-day workshop on “**TOGAF Enterprise Architecture Framework**” that was conducted by Adnan Ikram, Director Technology Services, of TLC at Marriott Hotel, Karachi.

This was TLC’s 11<sup>th</sup> workshop on this subject.

The key focus was based on how Enterprise Architecture (EA) is considered as a solution to reduce IT implementation failure, improve profitability and enhance business-IT alignment within organizations and how EA can help organizations in meeting their vision, mission statement, goals and obtain targeted ROI. Listening and resolving stakeholders concerns and issues is considered as an important factors towards the success of an EA project and a great enabler towards removing barriers between different LOB’s was also discussed. Moreover, a strategy was discussed that help organizations in eliminating an old aged barrier between technology leadership and business users’ disagreement on supporting the adoption of EA with the core reasons why majority of the EA projects are failed.

Simpaisa is a Pakistan-based digital payment platform enabling seamless transactions through mobile wallets and telecom billing. It supports services like e-commerce payments, in-app purchases, utility bill payments, and carrier billing. Designed for financial inclusion, it focuses on providing secure, accessible, and convenient payment solutions for unbanked and underbanked populations.

We would like to thank you **Mr. Amin Manji**, CTO/Group Chief Information Technology Group and **Mr. Saqlain Raza**, Head of IT for giving us an opportunity to serve NBP and Simpaisa as one of their trusted technology partners.

## List of participants who have attended this workshop

- Mr. Saqlain Raza, Head of Technology – Simpaisa
- Mr. Danish Hamid, CISO – Simpaisa
- Mr. Rizwan Zaffar, CPO – Simpaisa
- Mr. Muhammad Mohsin, Head of DevOps – Simpaisa
- Mr. Zubair Ahmed, Information Security Analyst – Simpaisa
- Mr. Owais Khalid, QA Manager – Simpaisa
- Mr. Maqsood Ali, Development Manager & Solution Architect – Simpaisa
- Mr. Arsalan Pervez, Project Manager – Simpaisa
- Mr. Faraz Ahmed, Wing Head Solution Delivery – NBP
- Mr. Ussamah Ahmed, VP Project Management – NBP
- Mr. Dhanesh Kumar, Project Manager – NBP
- Mr. Mehmood Sikandar, AVP – NBP
- Mr. Vishal Kumar, IT Officer – NBP
- Mr. Furqan Shamim, DevOps Engineer – NBP
- Ms. Mairaj Zeb – Workshop Facilitator, TLC
- Mr. Adnan Ikram – Workshop Instructor, TLC

Organizations that support Business Architecture as an integral part of EA have a significantly higher ability to execute on their corporate strategy because they have a clear understanding of the strategy and its impact on business and IT – and therefore have guidance to drive delivery. EA that deliver the highest business value and outcomes to their organization are those that focus on understanding the impact of major trends and opportunities on their business ecosystem, not just their own business.

**Enterprise Architecture is considered as a solution to reduce Digital and IT implementation failure rates, improve profitability and enhance business-IT alignment within organizations.**

# TOGAF Enterprise Architecture Framework

Adnan Ikram, Director Technology Delivery Services has presented the workshop certificates among the teams attended this two-day workshop with a closing note based on the importance why enterprise architecture holds a significant value especially in the era of digital transformation and how EA can enable organizations to meet their targeted goal.



Mr. Saqlain Raza



Mr. Danish Hamid



Mr. Rizwan Zaffar



Mr. Muhammad Mohsin



Mr. Arsalan Pervez



Mr. Maqsood Ali



Mr. Zubair Ahmed



Mr. Owais Khalid



Mr. Faraz Ahmed



Mr. Usaamah Ahmed



Mr. Dhanesh Kumar



Mr. Furqan Shamin



Mr. Vishal Kumar



Mr. Mehmood Sikandar



Workshop in progress

# The Role of Secure API Strategy for Open Banking

## Executive Leadership Series



**October 31, 2024:** As a part of our **Executive Leadership Series** program, today, clients from State Bank of Pakistan have attended a one-day workshop on "The Role of Secure API Strategy for Open Banking System" that was imparted Adnan Ikram of TLC at Marriott Hotel, Karachi.

An opportunity to host Mr. Amjad Ali, Director IT and Mr. Naveed Ul Zafar, Additional Director IT and Project Management to this important session.

In this session, we have discussed in detail why a secure API strategy is crucial in open banking to protect sensitive financial data, ensure regulatory compliance, and maintain customer trust. APIs facilitate the sharing of financial information between banks and third-party providers, making them prime targets for cyberattacks. Moreover, we have demonstrated how to implement a robust security measures, such as strong authentication based on OAuth 2.0 and how financial institutions can safeguard customer data, prevent fraud, and avoid hefty penalties for non-compliance. In a nutshell, a secure API strategy helps create a sustainable and trustworthy financial ecosystem.

## List of participants who have attended this workshop

- Mr. Amjad Ali, Director IT – SBP
- Mr. Naveed Ul Zafar, Director Strategy & Projects – SBP
- Ms. Ms. Mairaj Zeb, Workshop Facilitator – TLC
- Mr. Adnan Ikram, Workshop Instructor – TLC



Mr. Amjad Ali



Mr. Naveed Ul Zafar

Growing competition and customer demand for simplicity and convenience push banks towards digital transformation. API strategy for banks is becoming mainstream in this process, driving Banking-as-a-Service growth in the coming years especially under an umbrella of an open banking system.



Workshop in progress

BaaS helps unlock data, create connected experiences across all channels, and extend customers with services through external partners. The question is, what measures does organizations should take to deploy a secure enterprise API strategy addressing the legacy systems, present security posture, and technology.

Moreover, The banking system is under a tremendous pressure from the market and emerging operators who have introduced a strong technological push. Under this situation, banks will have to choose whether to compete in order to maintain a direct relationship with their customers or to limit their role with a narrow set of traditional banking services. These were some of the pointers along API security were discussed in this session.

# TOGAF Enterprise Architecture Framework



**October 25, 2024:** Clients from National Bank of Pakistan has attended a two-day Face-To-Face workshop on **“TOGAF Enterprise architecture Framework”** that was conducted by Adnan Ikram, Director Technology Services, of TLC at Marriott Hotel, Karachi.

This was TLC's tenth workshop on this subject in recent past with 100% customer satisfaction feedback.

Enterprise architecture is vital in guiding digital transformation efforts within an organization. It provides a detailed overview of the internal systems, processes, and data flows, enabling organizations to identify improvement areas and innovation opportunities. Enterprise Architecture is a discipline that aligns the complex business and IT structures within large-scale organizations. It is a strategic and technical role that introduces practical standards across departmental units.

## List of participants who have attended this workshop

- Mr. Yasir Ahmad, Wing Head Enterprise Project Management
- Mr. Aamir Maqbool, Wing Head Enterprise Software Development
- Mr. Asif Moiz, Unit Head IT Business Analyst
- Mr. Yasir Ahmed, Enterprise Project Manager
- Mr. Akbar Bhimani, Wing Head ADC
- Mr. Arsalan Khan, Wing Head International Project Management
- Ms. Mairaj Zeb – Workshop Facilitator, TLC
- Mr. Adnan Ikram – Workshop Instructor, TLC

In a nutshell, the goal is to streamlining processes, analyzing current trends in technology architecture, and making sure that IT strategy is aligned with the organization’s mission. It’s an effective methodology for performing planning, budgeting and forecasting exercises as one team against targeted projects vs resources required and overall efforts and challenges to close enterprise projects in time with higher rate of success.

We would like to thank you **Mr. Amin Manji**, CTO/Group Chief Information Technology Group for showing his confidence and giving us an opportunity to serve NBP as one of their trusted education and training services partners.



Yasir Ahmad



Aamir Maqbool



Asif Moiz



Yasir Ahmed



Akbar Bhimani



Arsalan Khan

## Certificate Distribution

# TOGAF Enterprise Architecture Framework



**September 26, 2024:** Clients from 1LINK Private Limited, Toyota Indus Motors Company Limited, Dubai Port World, and Lotte Chemical Pakistan Limited have attended a two-day Face-to-Face workshop in Karachi on "**TOGAF Enterprise Architecture Framework**" that was imparted by Adnan Ikram, Director Technology Services, in Karachi. This was TLC's ninth workshop on this subject in recent past with 100% customer satisfaction feedback.

This was TLC's 9<sup>th</sup> workshop on this subject in recent past.



## List of participants who have attended this workshop

- Mr. Arif Hussain, IT Manager – Lotte Chemical Pakistan Ltd
- Mr. Shadab Ali, Senior Manager IT – Toyota Indus Motors Company
- Mr. Tanveer Maredia, Deputy Manager SAP – Toyota Indus Motors Company
- Mr. Mir Tauseef Ali, Manager IT – Dubai Port World
- Mr. Azfar Lashari, Asst. Manager IT Systems & Support – Dubai Port World
- Mr. Sharique Hassan, Deputy Manager IT Governance – 1Link Private Ltd
- Mr. Hussain Abdul Hussain, Manager Database – 1Link Private Ltd
- Mr. Faizan Siddiqui, Manager SQA/EA – 1Link Private Ltd
- Mr. Muhammad Zahid, AGM IT Software Development – 1Link Private Ltd
- Mr. Faiz Halti, Senior Manager – 1Link Private Ltd
- Ms. Mairaj Zeb – Workshop Facilitator, TLC
- Mr. Adnan Ikram – Workshop Instructor, TLC

Enterprise Architecture (EA) is very well-positioned to **identify redundancies** in IT spending in the near term, as well as **moderate investment behaviours** for the longer term – Gartner.

The key focus was based on how Enterprise Architecture (EA) is considered as a solution to reduce IT implementation failure, improve profitability and enhance business-IT alignment within organizations and how EA can help organizations in meeting their vision, mission statement, goals and obtain targeted ROI. Listening and resolving stakeholders concerns and issues is considered as an important factors towards the success of an EA project and a great enabler towards removing barriers between different LOB's was also discussed.

Moreover, a strategy was discussed that help organizations in eliminating an old aged barrier between technology leadership and business users' disagreement on supporting the adoption of EA with the core reasons why majority of the EA projects are failed.

Organizations that support Business Architecture as an integral part of EA have a significantly higher ability to execute on their corporate strategy because they have a clear understanding of the strategy and its impact on business and IT – and therefore have guidance to drive delivery. EA that deliver the highest business value and outcomes to their organization are those that focus on understanding the impact of major trends and opportunities on their business ecosystem, not just their own business.

## TOGAF Enterprise Architecture Framework Certificate Distribution

A very special thanks to Mr. Najam Abdali, General Manager IT, DP World, Mr. Zaid Umer Farooqui, CIO, Toyota Indus Motor Company Ltd, Mr. Azimullah Khan, CIO, 1Link (Pvt) Ltd, Mr. Arbab Masood, Chief Risk and Information Security Officer, 1Link (Pvt) Ltd and Mr. Tariq Mehmood, CHRO, Lotte Chemical Pakistan Ltd for their trust and giving us an opportunity to serve their teams of technology professionals with this two-day workshop.

Following are the photographs of individuals receiving their workshop certificates from Adnan Ikram, Director Technology Delivery Services at TLC.



Mr. Arif Hussain



Mr. Tanveer Maredia



Mr. Shadab Ali



Mr. Mir Tauseef Ali



Mr. Azfar Lashari



Mr. Sharique Hassan



Mr. Faiz Hali



Mr. Faizan Siddique



Mr. Hussain Abdul



Mr. Muhammad Zahid



➔ The next two-day Face-To-Face Instructor-led workshop on this subject is now scheduled on January 28 -29, 2025 in Islamabad

A **matured EA implementation** can best respond to fast and frequently changing markets and have **better competitive advantages** than those that **fail to sustain the pace** dictated by the disruptive globalization process.

# Executive Leadership Series

We are on a mission to transform the senior business executives and technology leadership management teams on the potential knowledge on enterprise digital emerging technologies with a one-point agenda that they have nothing to lose but everything to gain.

In this regards, we have announced a series of twelve one-day workshops as a part of our **Executive Leadership Series**. All of these workshops will be delivered online on Zoom and Face-to-Face in Karachi, Lahore and Islamabad.


## Introducing Executive Leadership Series for senior leadership teams

The significance of workshops on digital emerging and cybersecurity technologies for senior business executives and technology management teams cannot be overstated. Let's delve into the reasons why these workshops are crucial:

**Addressing Technological Advancements:** Workshops provide a platform for senior executives and technology leaders to stay informed about the latest technological trends. As emerging technologies continue to evolve, understanding their implications becomes essential. These workshops enable participants to explore new technologies through a defensive lens, identifying vulnerabilities and opportunities for their organizations.

**Risk Management and Decision-Making:** By participating in workshops, senior leaders gain insights into the risks associated with emerging technologies. They learn to assess their current business practices and identify vulnerabilities. Armed with this knowledge, they can make informed decisions about adopting or adapting to new technologies. This risk-aware approach helps prevent falling into the "innovator's dilemma," where existing practices hinder necessary transformations.

**Cybersecurity Preparedness:** Workshops specifically focused on cybersecurity technologies equip senior executives with the tools to enhance their organization's security posture. As cyber threats become more sophisticated and scalable, understanding AI, machine learning, zero trust principles, and hardware authentication is critical. These workshops empower leaders to proactively manage technology risks and protect their organizations.

**Digital Transformation Alignment:** Workshops bridge the gap between business strategy and technology implementation. Senior executives and technology management teams can align their efforts to drive digital transformation effectively. By understanding emerging technologies, they can make strategic decisions that enhance operational efficiency, customer experience, and overall competitiveness.

For additional information visit <https://www.tlcpak.com/ELS.html>

## Targeted Audience for these Workshops

Board of Directors

CXO's

Business Executives

Digital Leaders

Technology Executives

Strategic Planners

Enterprise Architects

Project Managers

Cloud Leaders

Cybersecurity Professionals

Application Development

Entrepreneurs

Visit the following page to see our client feedbacks on the quality of our education and training services program.

[www.tlcpak.com/CustomerEXP.html](http://www.tlcpak.com/CustomerEXP.html)

## Our clients & their valuable feedbacks on the quality of our education and training services.

TLC is one of a few organizations in Pakistan whose educations and training services program is based on five stacks of technologies including IBM AIX operating system, soft skills, digital technologies, information and cybersecurity's, and storage technologies.

TOGAF Enterprise Architecture Framework		TLC
Mr. Saqlain Raza		
Head of Technology	Simpaia	
	<p>I wholeheartedly endorse TLC for their exceptional training services, particularly the "TOGAF Enterprise Architecture Framework" workshop.</p> <p>Led by Mr. Adnan Ikram, this comprehensive program demonstrated outstanding instructional design, delivery, and real-world applicability. The workshop significantly enhanced my understanding of enterprise architecture, equipping me with valuable skills and expertise. Adnan's dedication to quality education, expertise, and customer satisfaction is genuinely impressive.</p> <p>I highly recommend their training programs to professionals seeking to elevate their knowledge and expertise in enterprise architecture and related fields.</p>	

TOGAF Enterprise Architecture Framework		TLC
Mr. Tanveer Maredia		
Deputy Manager SAP	INDUS MOTOR COMPANY LTD.	
	<p>It was beneficial for me to take part in a two-day workshop on the TOGAF Enterprise Architecture Framework.</p> <p>The way the instructor, Mr. Adnan Ikram, put together such a cohesive and interesting workshop was truly amazing. He provided in-depth understanding of business challenges and enterprise strategy along with real-world examples using the TOGAF Enterprise Architecture Framework. He is a highly engaging lecturer who uses energy to captivate his audience.</p> <p>I am grateful to Mr. Adnan Ikram for this workshop; I am looking forward to participating in more of their training sessions in the future.</p>	

### IBM AIX Operating System Courses

It gives us immense pleasure in announcing educational program for IBM AIX platform for our valued customers. The AIX educational program shall be conducted by AIX certified instructors, imparting UNIX training since 1991. Our instructors are involved in providing AIX education and training to numerous customers both locally and internationally for IBM and GBM customers.

You receive an uncompromising quality of training delivered by knowledgeable and enthusiastic instructors who adhere to rigorous standards of excellence and quality.

TOGAF Enterprise Architecture Framework		TLC
Mr. Syed Asif Moiz		
Unit Head IT Business Analyst Wing	NBP	
	<p>Mr. Adnan started with expert knowledge in enterprise architecture and the TOGAF EA Framework. TOGAF was presented sequentially in a clear way by building up the concepts and it was good enough for anyone who is coming from any level to participate in this session. In a nutshell, a highly informative and recommended workshop.</p> <p>He has demonstrated the ability to teach practical methodologies and concepts by actually applying them via use case studies and real-life business scenarios, bringing extensive experience enabling participants to use the framework and how to effectively tailor TOGAF using the iterative model to meet the key business requirements addressing the challenges faced by an organization.</p> <p>I walked away having understood TOGAF principles and how they can be implemented in practice.</p>	

Zero Trust Security Implementation for the Hybrid Enterprise		TLC
Mr. Muzaffar Shah		
Manager Information Security	Martin Dow	
	<p>The Zero Trust Security Implementation for the Hybrid Enterprise workshop, led by Mr. Adnan Ikram was an outstanding and highly relevant learning experience. His deep expertise and ability to translate complex Zero Trust principles into actionable strategies for hybrid enterprise environments were truly commendable. The workshop's meticulously crafted materials, real-world use cases, and interactive sessions ensured that participants gained comprehensive understanding of the Zero Trust approach and provided invaluable insights.</p> <p>I extend my gratitude to Mr. Adnan Ikram for his impactful delivery and to the whole team of TLC for organizing such a well-structured and engaging program. I would highly recommend this workshop, as it stands as a critical resource for driving transformative cybersecurity initiatives.</p>	

Zero Trust Security Implementation for the Hybrid Enterprise		TLC
Mr. Abdul Waris		
Manager Infrastructure & Cloud	Martin Dow	
	<p>The experience with Zero Trust Security was truly amazing and insightful. I got the opportunity to learn many new concepts and approaches to it.</p> <p>The training sessions were highly engaging and productive, providing valuable knowledge. It also helped in enhancing my understanding of Zero Trust Security framework and its practical implementation.</p> <p>Overall, it was highly enriching and worthwhile experience.</p>	

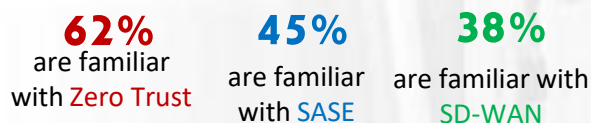
## Zero Trust Security Implementation for the Hybrid Enterprise – Code: TN280



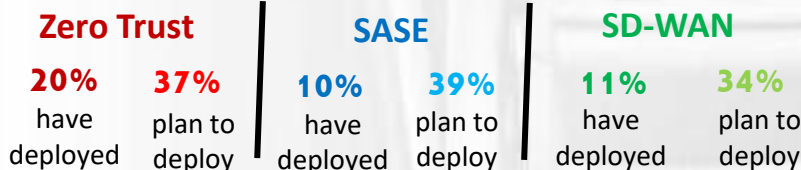
After imparting twelve successful workshops on “Zero Trust Security Architecture Framework”, we have announced a level two of zero trust workshop. This two-day workshop will talk about the implementation scenarios in an enterprise targeting both on-premises and cloud. In a nutshell, remote work has driven the demand for increased security and networking solutions. Zero Trust, SD-WAN, CASB, and SASE architectures hold the promise of weaving security from edge to cloud requiring a secure access to enterprise applications from wherever they are accessed by prioritizing business applications traffic that dominates the WAN branch.

**The need for having a SDP, CASB and SASE:** When organizations shifted toward accelerated digital transformation to the cloud, the VPN became a bottleneck that was impossible to scale. This is where the need for having a Software Defined Parameter (SPD) arises. In this massive shift to cloud applications and digital transformation, Cloud Access Security Brokers emerged. CASBs aim to mitigate risks around cloud assets when users access those assets from inside the organization's perimeter.

**Security and networking teams globally have implemented or plan to implement Zero Trust, SASE, and SD-WAN soon – A Ponemon Institute Survey**



**Over half of companies are already taking steps to deploy ZT solutions**



## The Foundation of TOGAF Business Architecture– Code: TN512



Business architecture is a discipline that represents and designs the holistic organizational structure, business processes, information flows, and technological infrastructure. It serves as a strategic framework, bridging the gap between an organization's vision and its tangible operations.

In a nutshell, implementing TOGAF helps streamline the IT architecture development process, improving efficiency. By providing a structured approach to architecture design, planning, implementation, and governance, TOGAF reduces errors, redundancies, and rework and much more.

In summary, business architecture is just not about diagrams and models; it's about creating a shared understanding of how an organization operates. It bridges the gap between business and technology, enabling enterprises to thrive in a rapidly evolving landscape.

Business architecture in TOGAF helps formulate key business processes, governance guidelines, organizational structures, and business strategies into a unified whole. It's about understanding how your organization operates today and envisioning how it should operate to meet its goals. So, think of it as the blueprint for aligning business and technology.



## Course Contents

- Unit 1 – Zero Trust Security Architecture Framework and Implementation Strategy
- Unit 2 – User and Entity Behavior Analytics Fundamental Principles
- Unit 3 – The Role of CASB and SASE in implementing Zero Trust
- Unit 4 – Exploiting Software Defined WAN Security

### Choosing Between CASB and SASE

- CASB vs. SASE both offer benefits to enterprises depending on the situation and conditions.
- A CASB solution can be deployed as a standalone framework that easily integrates into an enterprise's existing security architecture.
- However, SASE is increasingly seen as the preferred option as it builds on CASB capabilities while simplifying security and maximizing the efficiency of a company's IT and security architecture under a Hybrid Model.

## Course Contents

- Unit 1 – An Introduction to TOGAF ADM Cycle
- Unit 2 – TOGAF Business Architecture Fundamentals
- Unit 3 – Business Scenario and Value Stream Mapping Overview
- Unit 4 – Developing and Connecting Business Models with TOGAF Enterprise Architecture

The importance of choosing a right trainer is another important factor behind the success of any organization who want to take this EA program to the next level in terms of meeting their defined set of targets and goals. In a nutshell, you are building a team for tomorrow. Following piece of advice may be considered organizations should think prior selecting the right trainer for their EA program.

### Data Cataloguing Fundamentals for Business and Technology Professionals – Code: TN209



In the digital age, where data is akin to a valuable resource, understanding ‘what is a data catalog’ becomes fundamentally important. This blog aims to demystify the concept of a data catalog, its significant role, and why it’s indispensable in today’s data-driven decision-making landscape.

A data catalog is essentially a structured inventory of an organization’s data assets. It’s the collection of metadata that serves as an organizational roadmap to data, providing a unified view of all available information. This tool is not just for technical users; it’s designed for everyone within an organization, facilitating the sharing and collaboration of data insights.

The primary purpose of a data catalog is to empower users to find, understand, and trust their organization’s data. It enhances data accessibility, accelerates data discovery, and cultivates a data-driven culture. By providing insights into the quality, source, and context of data, it allows for more informed, strategic decision-making.

Metadata is foundational to all data work and should be a top priority of a Data Governance program. Without an understanding of what data means, where it comes from, or how it’s classified, it’s virtually impossible to extract data’s full value. A data catalog tool provides an innovative solution for powering Data Intelligence and Metadata Management with governance at the core.

But investing in a data catalog is only a first step. Optimized value can only be fulfilled when it’s embedded into “business-as-usual” processes of how users work on a daily basis, creating a sustainable need and trust in the catalog as opposed to just knowing it is one of many tools available. This course is one step forward to your learning.



### Practicing Enterprise Architecture for Business Transformation – Code: TN282



When we say strategy, it’s all about having a clear vision and a right approach where business and technology leaders including planners must understand the total value and the need for continually investing into their human resources. The one great reason is the rise of emerging technologies that is causing the main disruption with an escalating demand for today’s leaders and their teams for realizing and accepting the challenge and importance of upskilling and reskilling your present set of knowledge.

The continuous improvement process where leaders know the total value of incorporating a mechanism for educating and training their team of key stakeholders, including business executives and technology leaders, is realized because they trust that education is an important vehicle to ensure a shared understanding of the business goals and architectural concepts.

To correctly promote consistent adoption of architectural principles throughout the organization, facilitating smoother decision-making and implementation processes are now considered as another greater challenge where education plays a pivotal role. As a part of enterprise-wide strategy, organizations should look into all options with agreed KPI’s in terms of demonstrating the right value and benefits of investing into their human resources. If this is something that triggers some interest in you means that this two-day workshop may play a pivotal role in demonstrating the targeted value back to your people, process and technology. This workshop is developed with a mission that you have nothing to lose, but everything to gain.



### Course Contents

- Unit 1 – Introduction to Infrastructure Challenges and Data Management Methodologies
- Unit 2 – Key Fundamentals of Data Cataloguing
- Unit 3 – Data Cataloguing Implementation Strategies
- Unit 4 – Data Cataloguing and Data Governance Fundamentals

**About this workshop:** Data Catalog is a fully managed and scalable metadata management service that empowers organizations to quickly discover, understand, and manage all of their data. In a nutshell planning is critical to the long-term adoption and success of a data catalog tool. In this course you will be introduced to how to work through use cases to construct a practical roadmap of data catalog growth.

### Course Contents

- Unit 1 – Enterprise Architecture Foundation
- Unit 2 – Enterprise Architecture Management Essentials
- Unit 3 – Enterprise Architecture to Accelerate Business Transformation
- Unit 4 – Enterprise Architecture Leader – The First 121 Days

The importance of choosing a right trainer is another important factor behind the success of any organization who want to take this EA program to the next level in terms of meeting their defined set of targets and goals. In a nutshell, you are building a team for tomorrow. Following piece of advice may be considered organizations should think prior selecting the right trainer for their EA program.

## Why Critical Thinking is considered as an integral aspect of Technical Writing?

Critical thinking is the analysis of facts to form a judgment. The subject is complex, and several different definitions exist, which generally include the rational, skeptical, unbiased analysis, or evaluation of factual evidence.

In this two-day technical writing workshop, we typically begin with a critical thinking exercise that asks participants to make decisions based on a limited set of parameters; essentially, they are to solve a problem using a set of tools and they are to rationalize why they made the decisions they did.

Since technical writing requires to interact between different types of audience and stakeholders therefore, the need for critical thinking evolved.



Technical writing is subset of both soft and hard skills and is one evolving discipline that have started developing in organizations of all sizes to develop digital contents. Technical writing is becoming an essential for maintaining single source of truth documentation by adopting standard writing styles for writing technical contents such as maintaining a library of application documentation, developing SOPs, security policies, instruction and administrations manuals, and any other documentation for internal and/or external use.

## Key Fundamentals of Technical Writing

In the present world, technical writing is essential, especially in 2024 and beyond. This two-day workshop seeks to investigate the value of technical writing in the present day and illuminate its numerous facets. Technical writing has become a crucial talent in today's fast-paced digital environment because it influences communication and contribution to information exchange.

Organizations can consider this workshop as one of their new 2024 business initiative with an approach to take all stakeholders on one page by inviting two-three people from each LOB for this training course.

As per different industry surveys, a requirement for maintaining a single source of truth of documentation is becoming an essential requirement for all major business industries particularly banking and FSI industry. Adopting standard international writing styles and style guides for writing technical contents such as maintaining a library of application documentation, developing SOPs, security policies, instruction and administrations manuals, business cases, present and upcoming digital transformation based projects and all projects that you have closed successfully needs to speak one common language, this is where this workshop fits in.

Adnan Ikram, our Director Technology Delivery Services, is one of a few Pakistani who co-authored 10 IBM Redbooks (as a part of his residencies in Austin, TX, USA), also a member of the team who developed IBM AIX 6.1 and 7.1 courseware's, developed seven times IBM AIX exam certification papers, and developed 70 plus courses on storage, security and digital emerging technologies. Adnan has developed this course by adding all of his technical writing experience and would like to contribute in the space where less than 5% of organizations in Pakistan are looking at this point in time.

So far, we have delivered this workshop for a team of 20 technical writers from Bank AL-Habib Ltd at their facilities in Karachi and an online workshop attended by clients from BOP, SNGPL, STZA and SZABIST with 100% course satisfaction feedback.

This two-day online workshop shall discuss various techniques based on technical writing, writing style guides, methodologies including discussions based on activities and workshop practical assignment.

### A workshop designed to develop leaders for tomorrow:

Today, as companies increasingly need to become more dynamic, interconnected and flexible, thus certain skills are becoming critical. This workshop is designed to help resources to improve their technical writing skills with a vision to develop dynamic leaders for tomorrow.

### Application of Technical Writing:

Technical writing is incredibly relevant in today's increasingly digital and linked society.

**Knowledge Accessibility:** Through technical writing, a broader audience can understand complex material. It simplifies complex ideas, processes, and technologies into content that is simple, concise, and user-friendly.

**Effective Communication:** Technical writing helps to ensure that information is communicated accurately, exactly, and completely between specialists and users.

**User Experience:** Well-written technical documentation, such as user manuals, guides, and FAQs, enhances the user experience by providing thorough instructions, troubleshooting suggestions, and information particular to a given circumstance.

**Exchange of Information:** Technical writing encourages information exchange both inside and between industries. It makes it possible for subject-matter specialists to record their discoveries, investigations, and inventions, advancing society as a whole.

Skills and expertise to help you increase your knowledge in the field of storage, Digital, Security, Enterprise Frameworks, and Soft Skills.

## First Quarter 2025 Education & Training Services Program Schedule



January

Code	Course Title	Date
TN224	Zero Trust Security Architecture Framework – F2F (KHI)	January 14 & 15, 2025
TN212	TOGAF Enterprise Architecture Framework – F2F (ISB)	January 28 & 29, 2025

February

Code	Course Title	Date
TN415	Blockchain Technology for Business and Technology Leaders – F2F (KHI)	February 7, 2025
TN212	TOGAF Enterprise Architecture Framework – F2F (KHI)	February 13 & 14, 2025
TN280	Zero Trust Security Implementation for the Hybrid Enterprise – F2F (KHI)	February 18 & 19, 2025
TN221	Cloud Computing Security Reference Architecture Framework – F2F (ISB)	February 25 & 26, 2025

Click the link to view group photographs of our clients attended our technology workshops.

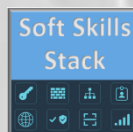
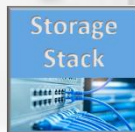
[www.tlcpak.com/photos.html](http://www.tlcpak.com/photos.html)

In essence, if you really want to access to resources that will help you quickly get up and running on leading-edge technologies and looking for ways to enhance your skills profile. Then, check out our professional training courses that are designed specially for technology professionals who want to learn and do more using digital emerging technologies.

In all honesty, if you have a goal, we can show you how to reach it. In a nut shell, our courses are designed on the basis that you have got nothing to lose and everything to gain.

As a part of our deliverables, participants will receive a laser quality comprehensive student guide along with the workshop certificate.

TLC is one of a few organizations in Pakistan who are offering six stacks of technology courses in the fields of Digital, Cybersecurity, Soft Skills, IBM AIX Operating System, Storage technologies and a series of workshops for Executive Leadership Teams.



All of our courses are designed and developed by TLC and are taught by highly skilled passionate instructors who are imparting technology courses since 1991 both locally and internationally. Our instructors have acquired various industry professional certifications from IBM, The Open Group, SNIA, NetApp, ISO/IEC Information Security, Fujitsu, VMware, ITIL, Microsoft, and BCG - A Chartered Institute of IT. One of our instructor is a seasoned instructors who co-authored ten IBM Redbooks developed at IBM International Technical Support Organization (ITSO) in Austin, Texas, USA in the field of IBM AIX Operating System and IBM Power Server technologies.

You receive an uncompromising quality of training delivered by knowledgeable and enthusiastic instructors who adhere to rigorous standards of excellence and quality.

### Targeted Audience for these workshops

CXO, IT Directors/GM IT, Senior Managers, Business Technology Leaders, Digital and Technology Team Leaders, Business Strategy Planners, Service Delivery Leaders, Data Analytics and Data Science personals, Application Software Development Teams and Programmers, Customer Experience Managers, Project Managers, Business Analysts, Solution Architects and Enterprise Architects, C-SOC Manager, Risk and Business Technology Leaders, IT Managers, L1 Monitoring Teams, L2/L3 SOC Analysts, Incident Responders, Service Desk, Forensic Specialists, SIEM Administrators, Threat Intelligence teams, Threat Hunters, Strategic Technology Planners, Solution/IT/Systems Architects, Network Operation teams, Information Security and Cybersecurity team and Technical Writers.

# Continuous Learning and Professional Skills Development Program at TLC

As a part of continuous learning and skills development program, recently Ms. Mairaj Zeb, Manager Enterprise Solutions and Services has successfully completed certification in three broad areas of Machine Learning from Sandford University via Coursera, offered by the Deep Learning AI Group.

- 1) Unsupervised Machine Learning
- 2) Supervised Machine Learning: Regression and Classification
- 3) Advanced Learning Algorithms

Advance Machine Learning Algorithm is a cutting-edge solution for complex data analysis. Its ability to handle intricate patterns and adapt to changing data makes it a powerful tool for predictive modeling. While it requires a solid understanding of machine learning, the results it yields are impressive.

Mairaj is coming up with a background in both Physics and Computer Science, this program perfectly integrated mathematical, physical, and computational concepts. The three courses—Unsupervised Machine Learning, Advanced Machine Learning Algorithms, and Supervised Machine Learning — provided a comprehensive understanding in the space of data science and business analytics.

Machine Learning and Artificial Intelligence are currently two of the hottest technologies on the market. According to research, the global ML market size is expected to reach \$209.91 billion by 2029, growing at a CAGR of 38.8%.



Machine Learning is a subfield of Artificial Intelligence. AI & ML can disrupt and transform every aspect of society, from predicting the spread of COVID-19 to supporting cutting-edge cancer research.



Machine learning will have a **profound impact** on a **wide variety of fields**, including automation, healthcare, natural language processing, transportation, personalized experiences, cybersecurity, and science.

In a nutshell, today, it's hard to imagine a world without machine learning.

At TLC, we are excited to apply this interdisciplinary knowledge to real-world challenges with a strategy to develop three workshops around second quarter 2024 for our customers.

### TLC 2024 Internship Program

**TLC Internship Program** is designed to bring highly qualified and motivated students with diverse backgrounds into the organization to work on projects linked to its education and training service program. Its main goal is to give successful candidates the opportunity to improve their analytical and technical skills in an international environment by working over the emerging technologies under the guidance of industry experts.

Ms. Arisha Aftab has successfully completed a six-week internship program at TLC as a part of its Education and Training Services department.



She has been enrolled in Applied Physics department at NED University of Engineering and Technology 2020 – 2024 program.

As a part of her internship program, she was given an assignment based on developing education and training contents on Metaverse Technology. The targeted contents were produced based on Metaverse introduction, technologies involved in the Metaverse, Blockchain adoption in Metaverse, tools required to build Metaverse, and Metaverse Use-cases.

Complete set of course outline along with course decks templates were provided. The assignment was reviewed and successfully completed in time. We wish all the very best for her success in her career and hope to see her as one of the leading technology professionals in next few years.

Successful candidates will carry out research and provide support to TLC Education and Training Services Program in one of the following areas:

- Artificial Intelligence
- Blockchain Technology
- Digitalization
- Internet of Things
- Metaverse
- Information Security and Cybersecurity
- Decision Making and Business Analytics
- Enterprise architecture
- Business Resilience & Data Protection Technologies
- Cloud Technologies

In this role, she was reporting directly to Ms. Mairaj Zeb.

#### Examples of work entrusted to interns include:

- Participating in the preparation of studies and documents.
- Carrying out research and reviews of existing materials.
- Collecting, organizing and analyzing data.
- Contributing to the production of documents, working papers and publications resulting from the assigned activities, including drafting notes and preparing technical annexes.

*Skills & expertise to help you increase your knowledge in the field of emerging technologies*



Successful candidates will carry out research and provide support to TLC Education and Training Services Program under the guidance of some of the finest information technology industry professionals.

TLC is one of a few organizations in Pakistan who are offering five complete stacks of technology courses in the fields of Digital, Security, Soft Skills, IBM AIX Operating System and Storage technologies.

All of our courses are designed and developed by TLC and are taught by highly skilled passionate and certified instructors who are imparting technology courses since 1991 both locally and internationally.

Our instructors have acquired various industry professional certifications from IBM, The Open Group, SNIA, NetApp, ISO/IEC Information Security, Fujitsu, VMware, ITIL, Microsoft, and BCG - A Chartered Institute of IT. One of our instructor is a seasoned instructors who co-authored ten IBM Redbooks developed at IBM International Technical Support Organization (ITSO) in Austin, Texas, USA in the field of IBM AIX Operating System and IBM Power Server technologies.

As a part of our deliverables, students will receive a laser quality comprehensive student guide along with the workshop certificate.

In essence, if you really want to access to resources that will help you quickly get up and running on leading-edge technologies and looking for ways to enhance your skills profile. Then, check out our professional training courses that are designed specially for students who want to learn and do more using industry-proven technologies. In all honesty, if you have a goal, we can show you how to reach it. In a nut shell, our courses are designed on the basis that you have got nothing to lose and everything to gain.

# 2025

## Happy New Year



# THANK YOU

to the following customers for giving us an opportunity to serve them as one of their trusted education and training services partners since 2016



Soneri Bank



# Newsletter

## 2<sup>nd</sup> Half 2024

Opportunities are  
made not found

[www.tlcpak.com](http://www.tlcpak.com)

