TOGAF Enterprise Architecture Framework

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

TLC Education & Training Services

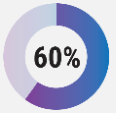
About this workshop

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.

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.

This two-day workshop will help teams with the fundamental knowledge on TOGAF Enterprise Architecture for creating technology roadmaps with an objective to perform risk free planning, forecasting & budgeting exercises.

Global 50 companies use TOGAF



Fortune 500 companies use TOGAF

100,000 plus **TOGAF Certified Individuals**

This workshop will be conducted by TOGAF 9 Certified and IBM Certified Infrastructure Systems Architect professional.

THE Open GROUP TOGAF® 9 Certified

Target Audience

CXO, GM IT, VP/Director IT, Senior Managers, Business Technology Leaders, Digital and Technology Team Leaders, Business Strategy, and Service Leaders, Data Analytics and Data Science personals, Application Software Development Teams and Programmers, Customer Experience Managers, Strategic Planners, Project Managers, Business Analysts, Security Professionals, IT Consultants, System Integrators, Solution Architectures, and Technical Writers.

Prerequisites:

Participants attending this course should be familiar with basic Information Technology (IT) concepts, business challenges and the role of general system wide infrastructure technologies & their applications.

The Challenge:

Large and medium-sized organizations regard the alignment of business and IT as the most important motive for working on an enterprise architecture (EA). Other important reasons for putting EA on the agenda are support for change processes and strengthening the flexibility of the company.

Unit 1 – Business Challenges and Enterprise Strategy

- Pressures on senior executive management.
- What is Business Resilience and categories?
- Business Resilience Strategy & types of plans.
- Business requirements and Technology Limitations.
- Enterprise Strategy defined and why we need it?
- Selecting key stakeholders for the strategy.
- Steps in developing an enterprise strategy.
- Enterprise Strategy Development Phase.
- Building the Storage Strategy - Example.
- Know your data – An important consideration.
- Enterprise IT Strategy challenges of a growing business.
- Business Model defined.
- Pointers for setting up Enterprise Strategy.
- Unit 1 Assessment

Unit 2 – Enterprise Architecture Overview

- Enterprise defined.
- Key stakeholders in an enterprise
- Understanding Enterprise Architecture.
- What is not Enterprise Architecture and why create a distinct EA capability?
- Enterprise Architecture Objective and Benefits.
- Organizations not following Enterprise Architecture.
- Prerequisites for developing a useful Enterprise Architecture.
- Understand the questions you want to answer with your architecture.
- Identify the purpose of your architecture.
- Identify your business questions.
- Understand Business Architecture and Business Framework.
- Enterprise Architecture Framework.
- The three major categories of architecture justification.
- Enterprise Architecture Scope & Functions.
- The Enterprise Architecture Vision Statement – An Example.
- Enterprise Architecture Governance – Corporate Governance.
- Architecture and Governance and Detailed IT Capabilities Assessment Details.
- 5 streams of activities to unlock the value of the EA capability.
- Enterprise Architecture Best Practices.
- Unit 2 Assessment.

Unit 3 – TOGAF Foundation

- Types of Enterprise Architecture Framework.
- Understanding the role of TOGAF? An Open Group Standards.
- TOGAF Standard 10th Edition – What's new in this release.
- The four essential pillars of TOGAF Architecture Framework.
- The four main goals of TOGAF Architecture Framework.
- Identify Stakeholders and their concerns and issues.
- Categories of Stakeholders.
- TOGAF 9 Main Components.
- Exploring Architecture Development Method (ADM).
- Three Levels of ADM Iteration.
- Applying Iteration to the Architecture Development Method – ADM.
- The Architecture Development Cycle – Version Numbering.
- Guidelines for Adapting the ADM Process and Exploring ADM Phases (A to H).
- Different styles of Architecture Definition.
- Digital Transformation through TOGAF – ADM.
- Unit 3 Assessment.

Unit 4 – Exploring Fundamental Components of TOGAF

- EA Challenges and how TOGAF key components addresses these challenges.
- Deliverables, Artifacts, Building Blocks & their relationships.
- Understand Architecture Content Framework Component.
- Understand Architecture Capability Framework.
- Describe Architectural Artifacts by ADM Phase.
- Describe Enterprise Continuum & TOGAF Reference Models.
- Enterprise Architecture Capability Framework Component.
- Boundaryless Information Flow.
- The Integrated Information Infrastructure Reference Model.
- Maturity of Enterprise Architecture comes over time.
- Usual functioning of different types of EA tools.
- Why EA projects fails to deliver benefits to the business – Common Pitfalls
- Understand why an Enterprise Architect cannot do it alone.
- Key steps to bridge the gaps between business and IT.
- Ten rules to prepare for EA success.
- Unit 4 Assessment.

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Selection of right technology needs right skills, therefore always remember that;

- Technology should be use as an enabler for solving out the complex problem.
- Address the problem first and then identify where technology can be used.
- In many cases, technology is used as the driving force to change without really solving the problem.
- Sometimes there is no problem and technology is being pushed in the wrong direction.

During this workshop, we will review following five streams of activities of EA capabilities in detail

- **THE WHY** – Understand what the business needs from IT and define the vision for Enterprise Architecture.
- **THE WHAT** – Identify hot spots and produce first iteration of target architecture
- **THE HOW** – Assess IT maturity, develop pragmatic short- and long-term targets and recommendations.
- THE WHEN – Develop roadmap to deliver target state.
- Program and Stakeholder Management.

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The eight most common challenges faced today by Enterprise Strategy Teams

- Lacking internal expertise & much dependency on vendors.
- Meeting aggressive timelines to fulfil last minute business demand.
- Learning to blend digital tools and hybrid teams.
- Bringing a change in culture and overall mindset.
- Fail to adopt innovative strategies and fall behind their market rivals.
- Limited technology savvy project managers.
- Lack of skilled Enterprise Architectures in local industry.
- Uncertainty about the future – “As-Is” Vs. “To-Be”.

What is the value of Enterprise Architecture?

The value of enterprise architecture comes from establishing solutions to organization-wide problems. It’s a role that supports businesses in becoming more agile and meeting strategic goals by working towards a cohesive, organization-wide technology landscape. It is a role that has the most overarching view of an organization’s IT landscape.

In a nutshell, it helps organizations of all sizes to fully understands the core business needs and how to improve processes.

The value of enterprise architecture is best seen through improvement in data management, application development, IT infrastructure, business processes, and overall organizational impact.

Purpose of Enterprise Architecture

EA aims to align business objectives with technology capabilities to achieve strategic goals. EA provides a holistic view of an organization's structure, processes, information systems, and technology infrastructure. The primary function of EA is to ensure that all the components of the enterprise, including business strategies, business processes, data architectures, and system architectures, are integrated, secure, and efficient.

By adopting EA, businesses can improve their decision-making, increase agility, reduce operational costs, and enhance their overall performance. EA also facilitates communication between different departments, providing a common language and framework for stakeholders to understand and collaborate on complex IT projects. This approach can prevent duplication of IT systems or services that can potentially increase business costs, improve system resilience, and enhance agility. With enterprise architecture, digital transformation can be proactively and holistically led, leading to successful outcomes and fulfilling the desired business vision.

Therefore, organizations should prioritize enterprise architecture management to stay on track and achieve their digital transformation goals.

Some of the Key Benefits of Enterprise Architecture Framework

- Better overview of the business landscape and reduced business complexity.
- Ensure that everyone speaks the same language.
- Clearer understanding of how the architecture constrains the business.
- A widely-used open standard that complements others standards, and could seamlessly integrate them in a broad and holistic way.
- Save time and money, and utilize resources more effectively.
- Clear explanation of the costs, benefits, and risks associated with different plans of action.
- Achieve demonstrable return on investment (ROI).
- Opportunity to develop shared, or common architectural components.

Detailed Information

Course Code	: TN212
Course Duration	: 2 Day Workshop
Course Location	: TLC, Customer On-site & Online.
Terms & Conditions	:100% payment in advance.
Course Deliverable	: Comprehensive Student Guide and Course Certificate

For additional information, please write to us at: info@tlc-pak.com