

THE TOGAF STANDARD, 10th EDITION
(THE OPEN GROUP ENTERPRISE ARCHITECTURE FRAMEWORK)

WISELEARNER

WHAT IS TOGAF?

- TOGAF is developed and maintained by The Open Group members working within the Architecture Forum.
- TOGAF is a framework for developing an enterprise architecture.
- The TOGAF Standard, 10th Edition makes the adoption of best practices easier.
- The TOGAF Standard is used by small, medium, and large commercial businesses. Government departments, non-government public organizations, and defence agencies.
- With greatly expanded guidance and how-to material, it enables organizations to operate in an efficient and effective way across a broad range of use cases, including agile enterprises and Digital Transformation.
- The TOGAF Standard is designed for the dichotomy of common universal concepts and variable detailed configuration.

BENEFIT OF TOGAF

- Any organization undertaking, or planning to undertake, the development and implementation of an enterprise architecture for the support of business transformation will benefit from use of TOGAF.
- Organizations seeking Boundary less Information Flow can use TOGAF to define and implement the structures and processes to enable access to integrated information within and between enterprises.
- Organizations that design and implement enterprise architectures using TOGAF are assured of a design and a procurement specification that can facilitate an open systems implementation, thus enabling the benefits of open systems with reduced risk.



WHO SHOULD ATTEND?

- IT Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery, and operation.
- Solution / Technical Architects who are looking for a first introduction to TOGAF.
- Solution / Technical / Enterprise Architects who want to achieve certification in a stepwise approach.
- IT Professionals who are working in an organization where TOGAF has been adopted and who need to participate in architecture projects and initiatives.
- Solution / Technical / Enterprise Architects who would be responsible for developing architecture artifacts
- Solution / Technical / Enterprise Architects who wish to introduce TOGAF as an architecture practice.
- Solution / Technical / Enterprise Architects who want to achieve a recognized certification to demonstrate their detailed knowledge of TOGAF

LEARNING OBJECTIVES

- Architecture Development Method (ADM) phases in the development of an enterprise architecture
- Architecture Governance in development of an enterprise architecture
- TOGAF Architecture Content Framework
- Building Blocks concept
- Stakeholder Management Technique
- TOGAF recommended techniques when developing an enterprise architecture
- TOGAF Technical Reference Model and how to customize it to meet an organization's needs
- Integrated Information Infrastructure Reference Model
- Partition an enterprise architecture to meet the specific needs of an organization
- Architecture Repository, Adapt the ADM for security
- Apply iteration and different levels of architecture with the ADM
- SOA as a style of architecture
- Architecture maturity models in developing an enterprise architecture
- Architecture Skills Framework and how to apply it within an organization



COURSE CONTENTS

Unit 1: Introduction and Concepts

- Enterprise
- Purpose of Enterprise Architecture
- Benefits of Having an Enterprise Architecture
- Framework for Enterprise Architecture
- Architecture Domains
- Architecture Abstraction in Enterprise Architecture
- Enterprise Continuum
- Architecture Repository
- TOGAF Content Framework and Enterprise Metamodel
- Architecture Capability for Enterprise Architecture
- Risk Management
- Gap Analysis

Unit 2: Definitions

- Various Definition
- Understand Relevant Terminology

Unit 3: Introduction to the ADM Phases

- TOGAF ADM and its Phases
- "Draft" and "Approved" Deliverables
- Iteration and the ADM
- Governing the Creation, Development, and Maintenance of Enterprise Architecture
- How to Scope an Architecture?
- Architecture Alternatives, Concerns, and Trade-Off
- Purposes and Objectives
- Information Flow Between ADM Phases
- How Developing Architecture can be Applied to Suppor Agile Software Development

Unit 4: Introduction to ADM Techniques

- How the ADM and Supporting Guidelines and Techniques Relate to Each Other?
- Purpose: Architecture Principles
- Template for Architecture Principles
- What Makes a Good Architecture Principle?
- Business Scenarios
- The Purpose of Gap Analysis
- Interoperability
- Business Transformation Readiness Assessment
- Risk Management and the TOGAF ADM

Unit 5: Introduction to Applying the ADM

- How to Apply the TOGAF Standard?
- Iteration and the ADM
- The Three Levels of the Architecture Landscape
- Partitioning to Simplify the Development of an Enterprise Architecture
- Purpose-Based Architecture Projects
- Applying the TOGAF Standard to Support the Digital Enterprise

Unit 6: Introduction to Architecture Governance

- Architecture Governance
- Why Architecture Governance is Beneficial?
- Role of an Architecture Board and its Responsibilities
- Architecture Contracts
- Architecture Compliance

Unit 7: Architecture Content

- Key Concepts: Stakeholders, Concerns, Architecture Views, Architecture Viewpoints, and their Relationships
- Building Blocks and the ADM
- The TOGAF Standard Deliverables Created and Consumed in the TOGAF ADM Phases

Unit 8 – Concepts

- Enterprise
- The Purpose of Enterprise Architecture
- The Benefits of Having an Enterprise Architecture
- A Framework for Enterprise Architecture
- Architecture Domains
- Architecture Abstraction in Enterprise Architecture
- The Enterprise Continuum
- The Architecture Repository
- The TOGAF Content Framework and Enterprise Metamodel
- A Architecture Capability for Enterprise Architecture
- Risk Management
- Gap Analysis

COURSE CONTENTS

Unit 9 – Stakeholder Management

- How to Identify Stakeholders, their Concerns, Views, and the Communication involved?
- The Use of Architecture Views
- Stakeholder Engagement and Requirements Management
- Using Trade-off to Support Architecture Development

Unit 10 – Phase A, the Starting Point

- Information Necessary to Execute the Architecture Vision Phase
- How to Apply Phase A and how it Contributes to Architecture Development Work?
- Security-Specific Architecture Design that is Sufficient — Phase A
- Outputs Necessary to Proceed with the Architecture Development

Unit 11 – Architecture Development

- Steps Applicable to all ADM Phases
- Risk and Security Considerations during the Architecture Development (ADM Phases B to D)
- Relevant Information to Produce Outputs Valuable to the Architecture Development
- How to apply Phases B, C, and D, and how they Contribute to the Architecture Development Work
- Information Relevant to Phase C (Data and Applications) to Produce Outputs for the Architecture Development
- Information Needed in Phase D to Produce Outputs relevant to the Architecture Development
- Outputs of Phases B, C, and D Necessary to Proceed with the Architecture Development Work

Unit 12 – Implementing the Architecture

- Risk and Security Considerations for Phases E, F, and G
- Steps (Phase E) to Create the Implementation and Migration Strategy
- Basic Approaches to Implementation
- Identifying and Grouping Work Packages
- Creating and Documenting Transition Architectures
- The Impact of Migration Projects on the Organisation and the Coordination Required
- Why and how Business Value is Assigned to each Work Package
- How to Prioritise the Migration Projects (Phase F)
- Confirm the Architecture Roadmap (Phase F)
- The outputs of Phase F necessary to Proceed with the Architecture Implementation
- Inputs to Phase G Implementation Governance
- How Implementation Governance is Executed (Phase G)
- Outputs to support Architecture Governance
- How Architecture Contracts are used to communicate with Implementers?

Unit 13 – Architecture Change Management

- Inputs Triggering Change Management — Change Requests
- Activities necessary for Effective Change Management (Stakeholder Management)
- Outputs Relevant to Proceed with a Change

Unit 14 – Requirements Management

- Inputs that Feed the Requirements Management Phase
- How the Requirements Management steps correspond to ADM Phase Steps?
- Purpose of the Outputs of Requirements Management

Unit 15 – Supporting the ADM Work

- How The Open Group TOGAF Library can be used to support the Practitioner's Work?
- Business Scenarios
- Purpose of Compliance Assessments
- How Migration Planning Techniques are used to Review and Consolidate the Gap Analysis Results from Earlier Phases?
- How a Repository can be Structured using the TOGAF Architecture Repository as an example?
- What to expect in a well-run Architecture Repository?
- How the concepts of Architecture Levels are used to Organise the Architecture Landscape?
- Different Levels of Architecture that Exist in an Organisation
- Determining the Level that an Architecture is being Developed at
- The Role of Architecture Building Blocks (ABBs)
- Guidelines and Techniques for Business Architecture
- Applying Gap Analysis



CERTIFICATION

TOGAF level 1 Information:

- Exam Duration : 60 minutes
- Number of Questions : 40 (1 question = 1 point)
- Pass Marks : 55% (22 Points out of 40 Points)
- Open book : No
- Electronic Device Permitted : No

TOGAF level 2 Information:

- Exam Duration : 90 minutes
- Number of Questions : 8 (1 question = 5 Points)
- Pass Marks : 60% (24 Points out of 40 Points)
- Open book : Yes
- Electronic Device Permitted : No

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