TOGAF 9.1 Architecture Development Cycle

TOGAF®

Version 9.1 Enterprise Edition

THE **Open** GROUP

Preliminary Phase	Prepare the organization for successful TOGAF architecture projects. Undertake the preparation and initiation activities required to create an Architecture Capability, including the Customization of TOGAF, selection of tools, and the definition of Architecture Principles.
Requirements Management	Ensure that every stage of a TOGAF project is based on and validates business requirements. Requirements are identified, stored, and fed into and out of the relevant ADM phases, which dispose of, address, and prioritize requirements.
Phase A: Architecture Vision	Set the scope, constraints, and expectations for a TOGAF project. Create the Architecture Vision. Identify stakeholders. Validate the business context and create the Statement of Architecture Work. Obtain approvals.
Phase B: Business Architecture **Phase C: Information Systems Architectures** **Phase D: Technology Architecture**	Develop architectures in four domains: 1. Business 2. Information Systems – Application 3. Information Systems – Data 4. Technology In each case, develop the Baseline and Target Architecture and analyze gaps.
Phase E: Opportunities and Solutions	Perform initial implementation planning and the identification of delivery vehicles for the building blocks identified in the previous phases. Determine whether an incremental approach is required, and if so identify Transition Architectures.
Phase F: Migration Planning	Develop detailed Implementation and Migration Plan that addresses how to move from the Baseline to the Target Architecture.
Phase G: Implementation Governance	Provide architectural oversight for the implementation. Prepare and issue Architecture Contracts. Ensure that the implementation project conforms to the architecture.
Phase H: Architecture Change Management	Provide continual monitoring and a change management process to ensure that the architecture responds to the needs of the enterprise, and maximizes the business value.

TOGAF 9.1 is divided into seven sections as follows:

PART I: Introduction

A high-level introduction to the key concepts behind enterprise architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout TOGAF and release notes detailing the changes between this version and the previous version of TOGAF.

PART II: Architecture Development Method

The core of TOGAF. It describes the TOGAF Architecture Development Method (ADM) – a step-by-step approach to developing an enterprise architecture.

PART III: ADM Guidelines and Techniques

A collection of guidelines and techniques available for use in applying TOGAF and the TOGAF ADM.

PART IV: Architecture Content Framework

The TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable architecture building blocks, and an overview of typical architecture deliverables.

PART V: Enterprise Continuum & Tools

Taxonomies and tools to categorize and store the outputs of architecture activity within an enterprise.

PART VI: TOGAF Reference Models

A selection of architectural reference models, which includes the TOGAF Foundation Architecture, and the Integrated Information Infrastructure Reference Model (III-RM).

PART VII: Architecture Capability Framework

The organization, processes, skills, roles, and responsibilities required to establish and operate an architecture function within an enterprise.

Needs of the business shape non-architectural aspects of business operation

TOGAF Capability Framework

Informs the size, structure, and culture of the capability

Sets targets, KPIs, plans, and budgets for architecture roles

Architecture Capability Framework (Part VII)

Effective operation of the Architecture Capability ensures realization of the Business Vision

Business Capability drives the need for Architecture Capability Maturity

The architecture capability operates a method

Business need feeds into the method, identifying problems to be addressed

Architecture Development Method (Part II)

ADM Guidelines and Techniques (Part III)

The method refines understanding of business need

The method delivers new business solutions

Business Vision and Drivers

Business Capabilities

The method produces content to be stored in the repository, classified according to the Enterprise Continuum

Architecture Content Framework (Part IV)

TOGAF ADM & Content Framework

The Enterprise Continuum and repository informs the business of current state

Enterprise Continuum and Tools (Part V)

Operational changes update the Enterprise Continuum and repository

TOGAF Reference Models (Part VI)

TOGAF Enterprise Continuum and Tools

Learning from business operation creates new business need