TOGAF 10th Edition

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Contents

1. Introduction

2. TOGAF 10th Edition

3. Structure of the TOGAF® Standard

4. TOGAF Certification

5. Conclusion

6. Questions and Discussion

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The Open Group: Making Standards Work®

Boundaryless Information Flow™ achieved through global interoperability in a secure, reliable, and timely manner

The *mission* of The Open Group is to drive the creation of Boundaryless Information Flow™ achieved by:

Working with **customers** to capture, understand, and address current and emerging requirements, establish policies, and share best practices

Working with **suppliers**, consortia, and standards bodies to develop consensus and facilitate interoperability, to evolve and integrate specifications and open source technologies

Developing and operating the industry's **premier certification service** and encouraging procurement of certified products
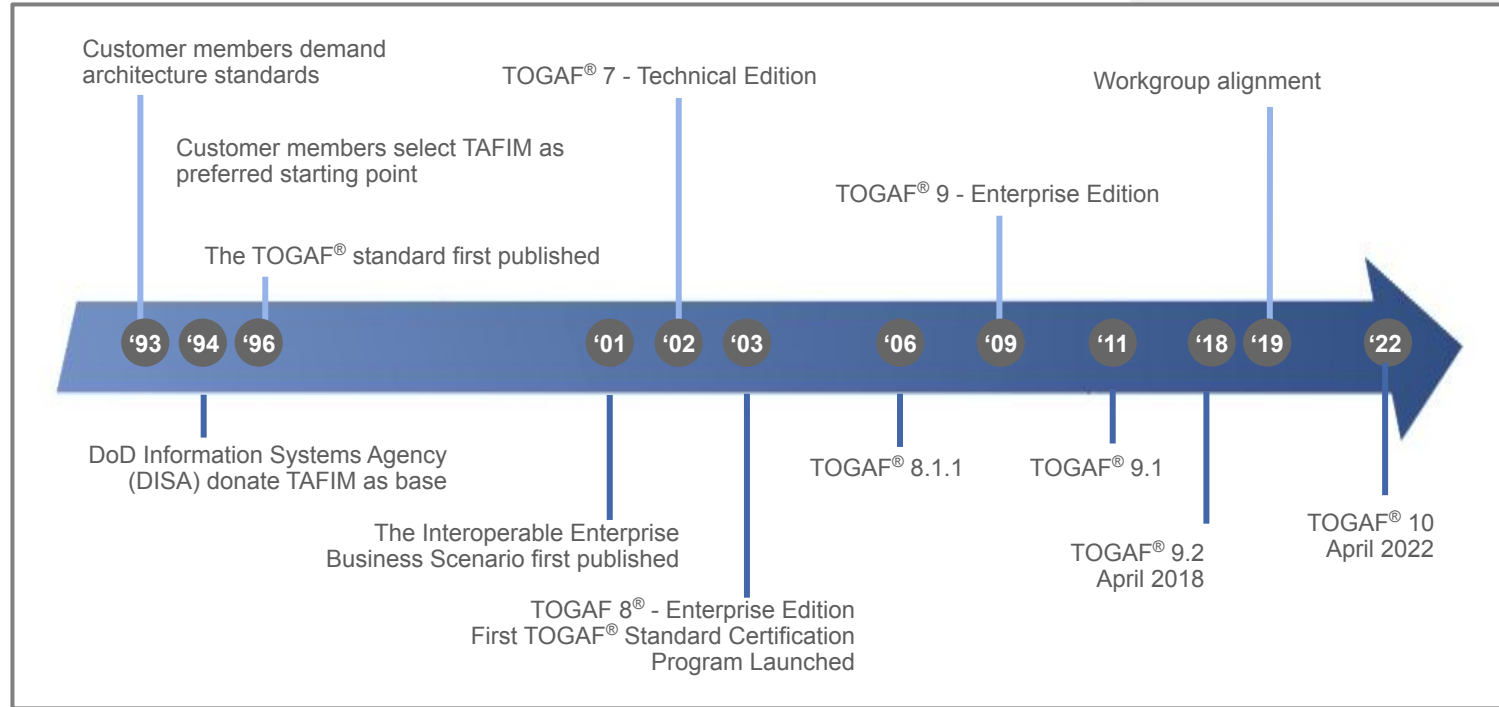
The Open Group Architecture Forum

Leading the development of open, vendor-neutral technology standards and certifications

- ❑ An active organisation-neutral environment to learn about and develop EA standards
- ❑ Align with business objectives and deliver greater value.
  - ■ Providing broad and deep leadership to the EA community
  - ■ Validating, publishing, fostering, and maintaining best practices for EA
  - ■ Developing, organizing, researching, and publishing thought leaders in EA
  - ■ Initiating and managing programs and projects to support these activities

- ❑ Members have **early access** to relevant knowledge, and are able to **influence and lead** the development of EA standards and best practices.

ArchiMate® Forum

Architecture Forum

Exploration, Mining, Metals & Minerals Forum

Healthcare Forum

IT4IT™ Forum

Open Footprint™ Forum

Open Process Automation™ Forum

OSDU™ Forum

Real-time & Embedded Systems Forum

The Open Group Platform Forum

Open Trusted Technology Forum

Security Forum

Work Groups

Work Groups Open to All Members of The Open Group

The Open Group Semantic Interoperability Work Group

The Open Group India Academic Initiative In Architecture (INITIATE) Work Group

The Open Group Government EA Work Group

The Open Group Commercial Aviation Work Group

Consortia

Future Airborne Capability Environment™ (FACE)

Sensor Open Systems Architecture™ (SOSA)

Data Science Community

The Evolution of the TOGAF® Standard

Customer members demand architecture standards

Customer members select TAFIM as preferred starting point

The TOGAF® standard first published

TOGAF® 7 - Technical Edition

Workgroup alignment

TOGAF® 9 - Enterprise Edition

'93 '94 '96 '01 '02 '03 '06 '09 '11 '18 '19 '22

DoD Information Systems Agency (DISA) donate TAFIM as base

The Interoperable Enterprise Business Scenario first published

TOGAF 8® - Enterprise Edition
First TOGAF® Standard Certification Program Launched

TOGAF® 8.1.1

TOGAF® 9.1

TOGAF® 9.2
April 2018

TOGAF® 10
April 2022

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TOGAF 10th Edition

The Digital Edition

What is new?

Modular Structure

Release Management

The Digital Edition of the TOGAF Standard

Brings together the Fundamental Content and Series Guides, making it easier to navigate and search the expanded content

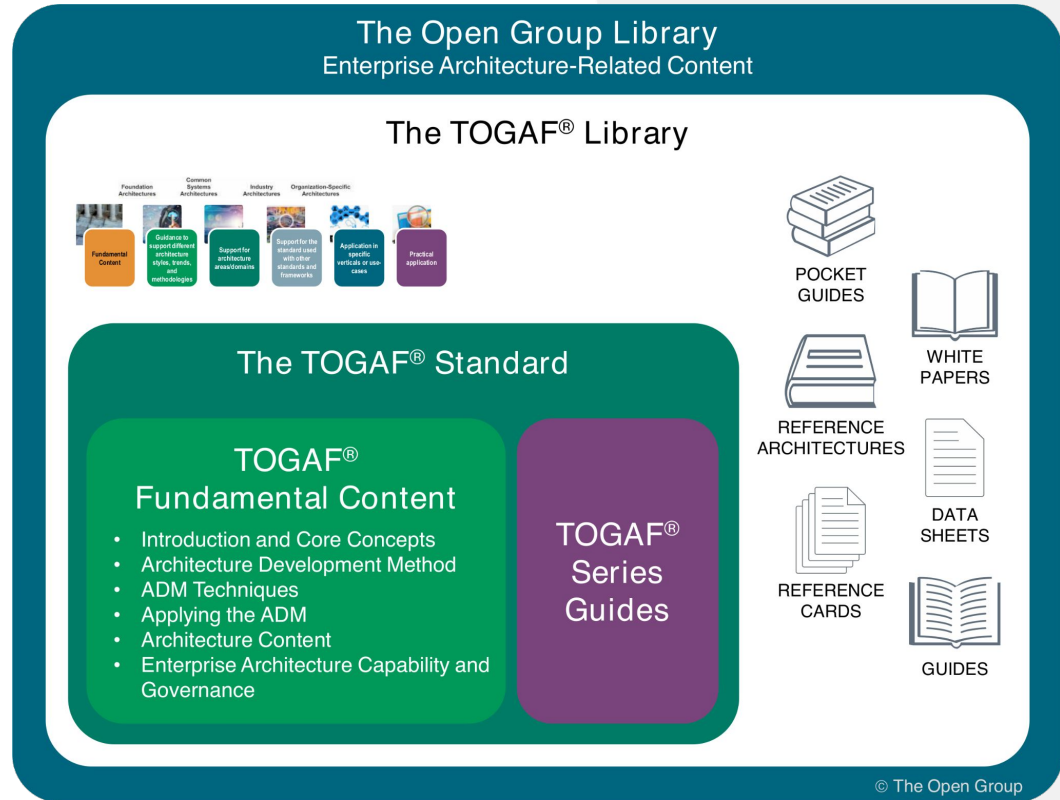The digital edition of the TOGAF Standard will evolve continuously as we refresh and expand the contents of the standard.

Structure and Scope of the TOGAF Standard

TOGAF® Fundamental Content

- *Introduction and Core Concepts*
  - 1. Introduction
  - 2. The TOGAF Documentation Set
  - 3. Core Concepts
  - 4. Definitions
  - A. Referenced Documents
  - B. Glossary of Supplementary Definitions
  - C. Abbreviations
- *Architecture Development Method (ADM)*
- *ADM Techniques*
- *Applying the ADM*
- *Architecture Content*
- *Enterprise Architecture Capability and Governance*

The Open Group Library
Enterprise Architecture-Related Content

The TOGAF® Library

The TOGAF® Standard

TOGAF® Fundamental Content
- Introduction and Core Concepts
- Architecture Development Method
- ADM Techniques
- Applying the ADM
- Architecture Content
- Enterprise Architecture Capability and Governance

TOGAF® Series Guides

POCKET GUIDES
WHITE PAPERS
REFERENCE ARCHITECTURES
DATA SHEETS
REFERENCE CARDS
GUIDES

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TOGAF Series Guides

The TOGAF® Standard

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TOGAF® Fundamental Content

- Introduction and Core Concepts
- Architecture Development Method
- ADM Techniques
- Applying the ADM
- Architecture Content
- Enterprise Architecture Capability and Governance

TOGAF® Series Guides

- Business Architecture
- Information Architecture
- Security Architecture
- Enterprise Architecture/Agile Architecture
- Enterprise Architecture/Digital Enterprise
- Technology Architecture
- MSA/SOA Architectures
- Adapting the ADM
- . . .

The complete set of TOGAF Series Guides can be found at www.opengroup.org/library/guides/togaf/togaf-series-guides.

TOGAF Series Guides and the Digital Edition

Framework

- *A Practitioners' Approach to Developing Enterprise Architecture Following the TOGAF® ADM*
- *The TOGAF® Leader's Guide to Establishing and Evolving an EA Capability*

Agility

- *Enabling Enterprise Agility*
- *Applying the TOGAF® ADM using Agile Sprints*

Digital

- *Using the TOGAF® Standard in the Digital Enterprise*
- *Digital Technology Adoption: A Guide to Readiness Assessment and Roadmap Development*

Business Architecture

- *Business Capabilities*
- *Business Models*
- *Business Capability Planning*
- *Business Scenarios*
- *Information Mapping*
- *Organization Mapping*
- *Value Streams*

Information Architecture

- *Customer Master Data Management*
- *Metadata Management*

Security

- *Integrating Risk and Security within a TOGAF® Enterprise Architecture*

Project Management

- *Architecture Project Management*

Architecture Skills

- *Architecture Skills Framework*

Maturity Models

- *Architecture Maturity Models*

Reference Models

- *Digital Business Reference Model (DBRM)*
- *Government Reference Model (GRM)*

SOA

- *Microservices Architecture (MSA)*

[Alt-Index]

Handling Feedback and Issues

Structure of the TOGAF® Standard

Overview

Architecture Development Method (ADM)

Architecture Content

Structure of the TOGAF® 10th Edition Standard

TOGAF is a foundational framework, which means that it is applicable to the development of any kind of architecture in any context.

The structure of the TOGAF Standard reflects the structure and content of an Architecture Capability within an enterprise.
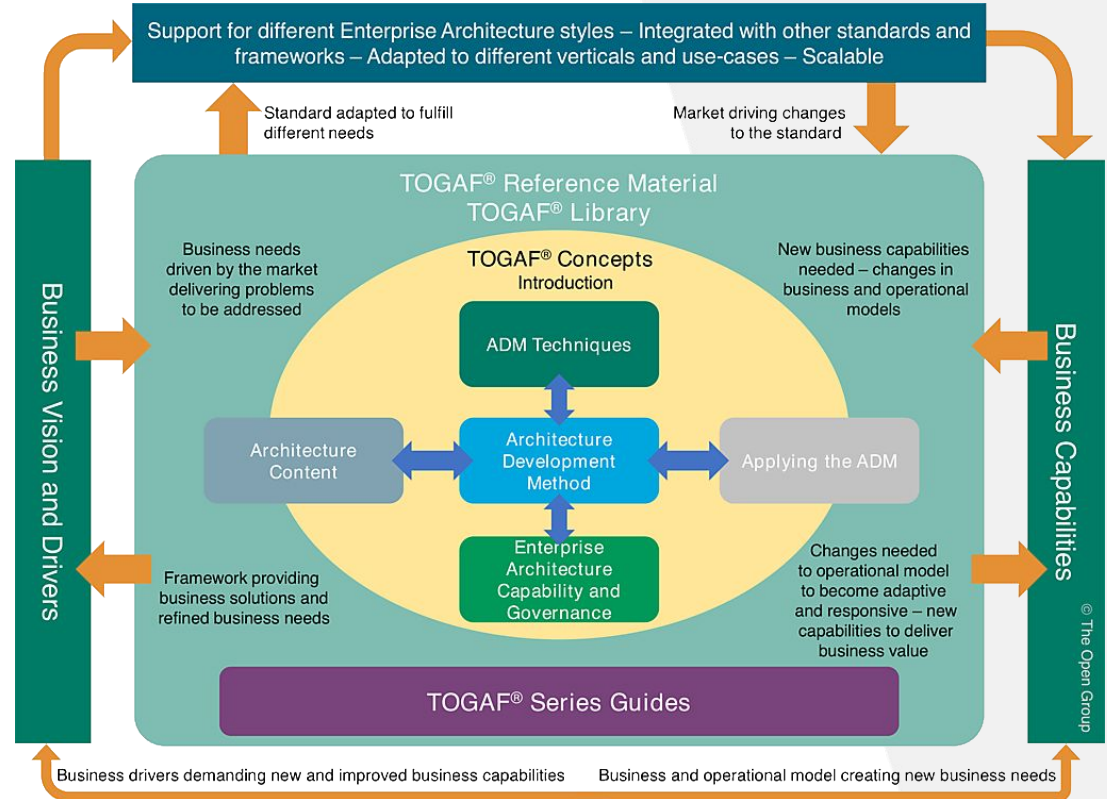
TOGAF Architecture Development Method
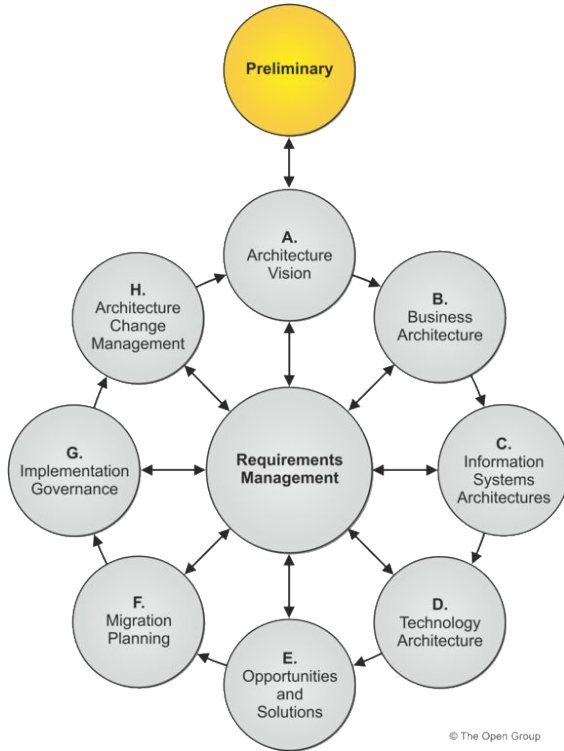
TOGAF 9.2

- ❏ Arrows
- ❏ Phase A - Starting Point
- ❏ Sequence
- ❏ Phase Naming
- ❏ Waterfall / Agile
- ❏ Requirements Management
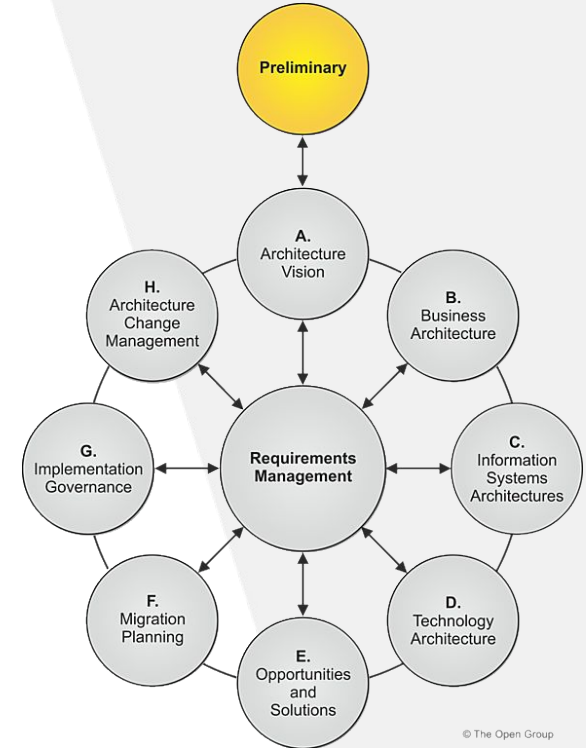
TOGAF 10

Architecture Content

Enterprise Metamodel

Concepts of Core and Extension Content removed

New and Renamed Entities
- ❏ Business Information
- ❏ Information System Service → Application Service

Cleanup of Terminology and Relationship

Architecture Artefacts

Concepts of Core and Extension Content removed

New and Renamed Artefacts
- ❏ Business Information
- ❏ Stakeholder Map Matrix → Stakeholder Catalog
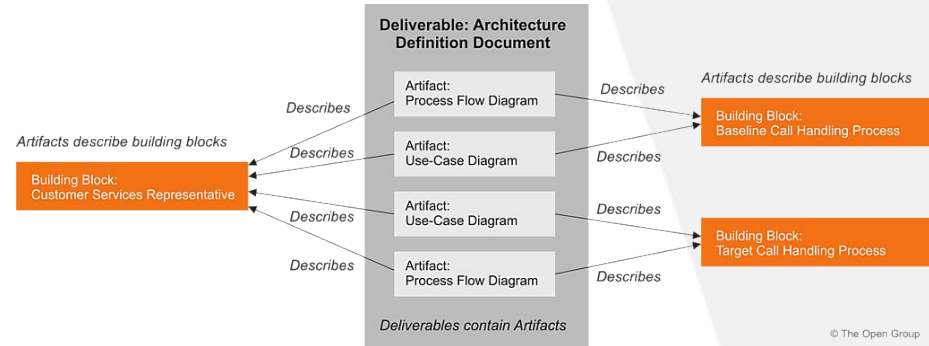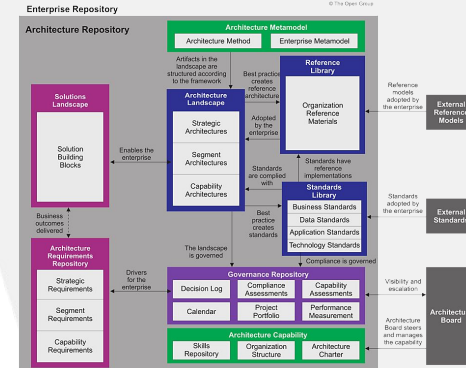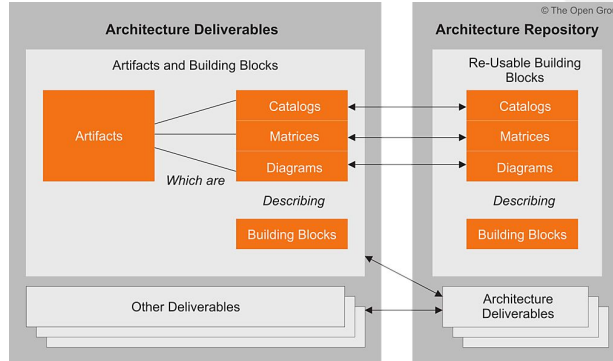- ❏ ...

Updated Artifact Descriptions

Preliminary

Catalogs
Principles Catalog

Architecture Vision

Catalogs
Stakeholder Catalog

Diagrams
Value Chain Diagram

Solution Concept Diagram

Business Model Diagram

Business Capability Map

Value Stream Map

Opportunities and Solutions

Diagrams
Project Context Diagram

Benefits Diagram

Requirements Management

Catalogs
Requirements Catalog

Business Architecture

Catalogs

Organization/Actor Catalog	Contract/Measure Catalog
Driver/Goal/Objective Catalog	Business Capabilities Catalog
Role Catalog	Value Stream Catalog
Business Service/Function Catalog	Value Stream Stages Catalog
Location Catalog	Business Glossary Catalog
Process/Event/Control Product Catalog	

Matrices

Business Interaction Matrix	Strategy/Capability Matrix
Actor/Role Matrix	Capability/Organization Matrix
Value Stream/Capability Matrix	

Diagrams

Business Footprint Diagram	Process Flow Diagram
Business Service/Information Diagram	Business Event Diagram
Functional Decomposition Diagram	Business Capability Map
Product Lifecycle Diagram	Value Stream Map
Goal/Objective/Business Service Diagram	Organization Map
Business Use-Case Diagram	Information Map
Organization Decomposition Diagram	

Data Architecture

Catalogs
Data Entity/Data Component Catalog

Matrices
Data Entity/Business Function Matrix

Application/Data Matrix

Diagrams
Conceptual Data Diagram

Logical Data Diagram

Data Dissemination Diagram

Data Security Diagram

Data Migration Diagram

Data Lifecycle Diagram

Application Architecture

Catalogs
Application Portfolio Catalog

Interface Catalog

Matrices
Application/Organization Matrix

Role/Application Matrix

Application/Function Matrix

Application Interaction Matrix

Diagrams
Application Communication Diagram

Application and User Location Diagram

Application Use-Case Diagram

Enterprise Manageability Diagram

Process/Application Realization Diagram

Software Engineering Diagram

Application Migration Diagram

Software Distribution Diagram

Technology Architecture

Catalogs
Technology Standards Catalog

Technology Portfolio Catalog

Matrices
Application/Technology Matrix

Diagrams
Environments and Locations Diagram

Platform Decomposition Diagram

Processing Diagram

Networked Computing/Hardware Diagram

Network and Communications Diagram

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Architecture Deliverables

| TOGAF Deliverable	Output from...										Input to...									
	PL	A	B	C	D	E	F	G	H	RM	PL	A	B	C	D	E	F	G	H	RM
Request for Architecture Work	X						X		X			X							X	
Business Principles, Business Goals, and Business Drivers	X	X	X									X	X							
Organizational Model for Enterprise Architecture	X										X	X	X	X	X	X	X	X	X	X
Architecture Principles	X	X	X	X	X						X	X	X	X	X	X	X	X	X	
Tailored Architecture Framework	X	X									X	X	X	X	X	X	X	X	X	X
Architecture Repository	X										X	X	X	X	X	X	X	X	X	X
Architecture Building Blocks							X		X			X	X	X	X	X				
Solution Building Blocks								X				X	X	X	X	X	X	X		
Capability Assessment		X				X						X	X	X	X	X				
Architecture Vision		X				X						X	X	X	X	X	X	X	X	X
Architecture Definition Document		X	X	X	X	X	X					X	X	X	X	X	X	X		
Communications Plan		X										X	X	X	X	X				
Statement of Architecture Work		X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X
Architecture Requirements Specification			X	X	X	X	X			X				X	X					X
Requirements Impact Assessment										X										X
Architecture Roadmap			X	X	X	X	X					X	X	X	X	X				
Implementation and Migration Plan							X	X										X		
Implementation Governance Model							X											X	X	
Architecture Contract								X										X	X	
Compliance Assessment								X											X	
Change Request							X	X	X											

TOGAF Certification

Learning Paths

Badges

Active Learning Studies
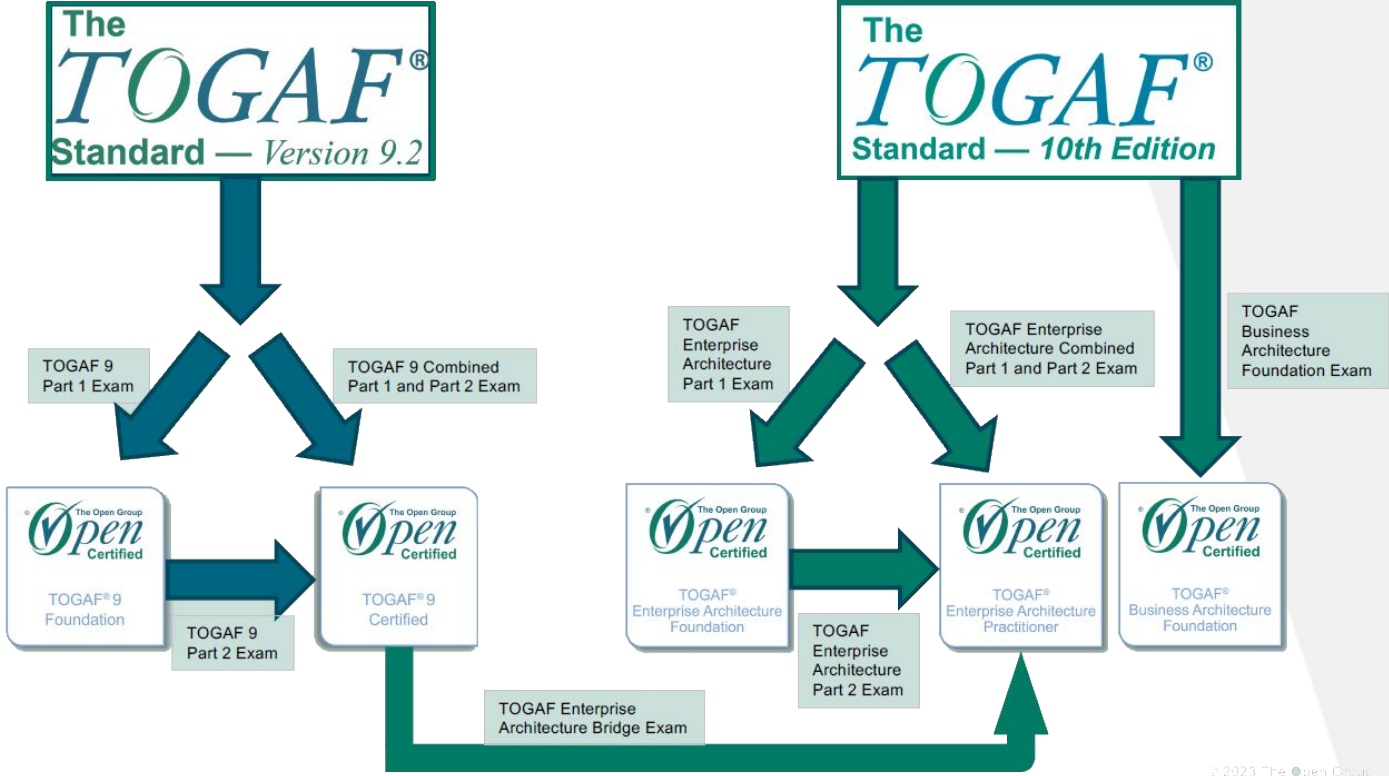
TOGAF Certification

TOGAF Certification Badges

Active Learning Studies

TOGAF® Certification for People

TOGAF Enterprise Architecture Practitioner Learning Studies Question Book

September 2022
Version 1.0

These Learning Studies support the TOGAF Enterprise Architecture Practitioner certification program and are a required part of an Accredited Training Course.

4.2   Question 2

Unit # 2	Unit Name: Stakeholder Management
Question # 2	**Description:** Central question in key concepts 2.4 Explain how to use trade-off to support the architecture development. 3_Applying {S2} §10.2 G186 §6.1.2, 6.2

Scenario

You are a senior architect working with the Enterprise Architecture (EA) team at the multinational consumer goods firm.

The EA team is engaged in the Digital Transformation strategy, which now has an architecture and supporting roadmap. The team has initiated work into the architecting of product development processes and customer experience.

Within your personal area of responsibility, the CRM, you are working to develop an architecture that supports a radically different customer experience and engagement model. For example, the old CRM workflows assume a physical good must be returned and inspected prior to refunding a consumer or providing a replacement product. This assumption is not valid for either digital consumer products or digital services.
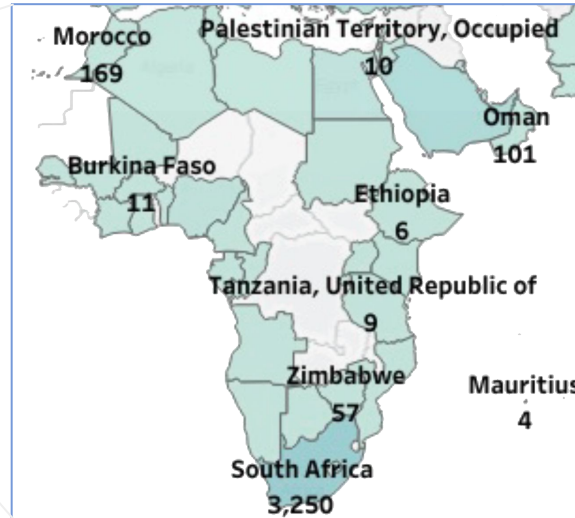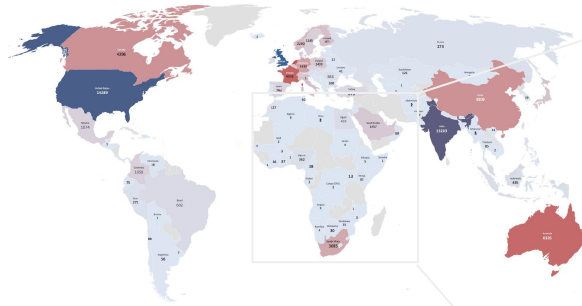
12

Active Learning Studies

TOGAF Certifications Worldwide

October 2022
123,361 from 168 Countries

UK	16 348
USA	15 380
India	14 536
Netherlands	7 923
France	7 171
Australia	6 934
China	4 928
Canada	4 531
Germany	3 895
South Africa	**3 250**

1 Year ago:	112 776
2 Year ago:	102,561
3 Years ago:	92,751
5 Years ago:	72,250
7 Years ago:	47,400

Conclusion

The TOGAF® Standard, 10th Edition

- ❏ New modular structure **simplifies navigating and applying the framework**
- ❏ Greater **guidance for business strategy** needs including **Agile**
- ❏ Applying the TOGAF framework alongside its comprehensive fundamental knowledge base will make it possible to release additional material frequently while maintaining continuity and stability in it fundamental content
- ❏ TOGAF Product Management and a broader Digital Portfolio Work Group...driving **consistency and convergence across standards.**
- ❏ Opportunity for greater African Regional participation...

How to Provide Feedback?

You can report a bug or provide feedback on a page by clicking the images shown below.

"Doing architecture is like spelling 'banana' – the trick is knowing when to stop."

DECnet Phase V Management Architecture Team

Leonard Fehskens
1947-2017

VP, Skills and Capabilities

The Open Group

Thank You!

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