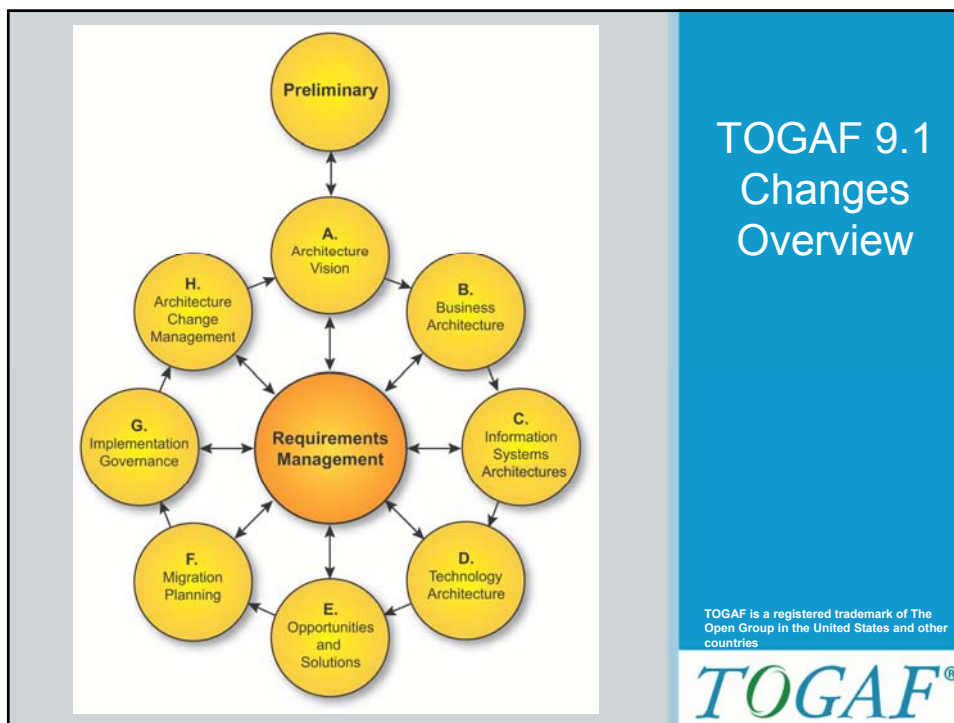


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Audience

- The audience for this module is
 - Enterprise architects, business architects, data architects, systems architects, solutions architects and senior managers seeking an overview of what has changed between TOGAF 9 and TOGAF 9.1
 - A prior knowledge of TOGAF 9 is presumed

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Module Objectives

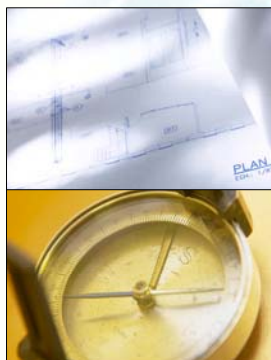
- To understand
 - The key changes between TOGAF 9 and TOGAF 9.1
 - The implications on the TOGAF 9 Certification program

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Agenda

- TOGAF 9.1 Components and Structure
- TOGAF 9.1 Change Highlights
- TOGAF 9.1 Features Removed
- TOGAF 9.1 Features Revised
- TOGAF 9.1 and Certification
- Backup Slides
 - TOGAF 9.1 Detailed Changes



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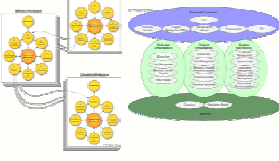
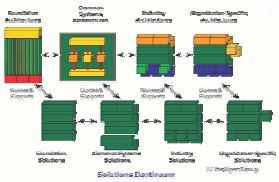
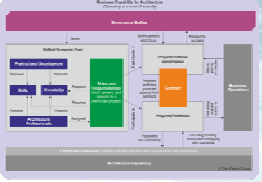
TOGAF 9.1

- TOGAF 9.1 was released in December 2011
- It is the first maintenance update to TOGAF 9
- It is an upwards-compatible evolution from TOGAF 9, addressing usage feedback and comments raised
 - It addresses over 400 comments received
 - Contains over 450 changes
- TOGAF 9 Technical Corrigendum 1 (Document U112) is available describing each change in detail

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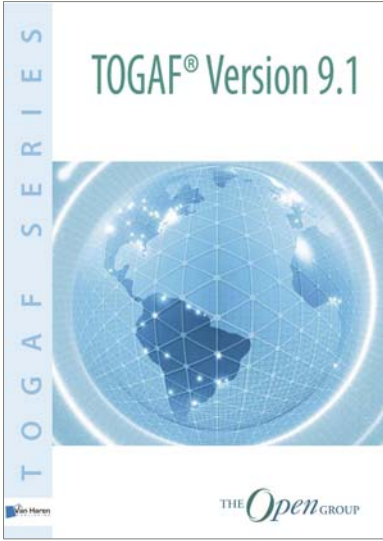
TOGAF 9.1 Components

 <p>ADM</p>	 <p>Architecture Content Framework</p>	 <p>Reference Models</p>
 <p>ADM Guidelines & Techniques</p>	 <p>Enterprise Continuum</p>	 <p>Architecture Capability Framework</p>

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TOGAF® Version 9.1

TOGAF SERIES

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Part I - Introduction
Preface, Executive Overview, Core Concepts, Definitions and Release Notes
Part II – Architecture Development Method
Introduction to ADM ADM Phase Narratives
Part III – ADM Guidelines and Techniques
Guidelines for Adapting the ADM Process Techniques for Architecture Development
Part IV – Architecture Content Framework
Content Metamodel Architectural Artifacts Architecture Deliverables Building Blocks
Part V – Enterprise Continuum and Tools
Enterprise Continuum Architecture Partitioning Architecture Repository Tools for Architecture Development
Part VI – TOGAF Reference Models
Foundation Architecture: Technical Reference Model Integrated Information Infrastructure Reference Model
Part VII – Architecture Capability Framework
Architecture Board Architecture Compliance Architecture Contracts Architecture Governance Architecture Maturity Models Architecture Skills Framework

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TOGAF 9.1 Change Highlights

Part I - Introduction	<p><i>Editorial improvements. Definitions clarified. The Document Categorization Model removed</i></p>
Preface, Executive Overview, Core Concepts, Definitions and Release Notes	
Part II - Architecture Development Method	<p><i>Editorial improvements. Objectives sections reworked. Phases E and F descriptions reworked</i></p>
Introduction to ADM	
ADM Phase Narratives	<p><i>Editorial improvements. SOA chapter revised to reflect latest work in The Open Group. Introductory text on Architectural styles added. The concepts of levels/iteration/partitions have been clarified and made consistent</i></p>
Part III - ADM Guidelines and Techniques	
Guidelines for Adapting the ADM Process	
Techniques for Architecture Development	<p><i>Corrections have been made to the metamodel diagrams and to aspects of the metamodel. Reworked descriptions of Architectural Artifacts and Viewpoints. The Building Blocks Example has been removed</i></p>
Part IV - Architecture Content Framework	
Content Metamodel	
Architectural Artifacts	
Architecture Deliverables	<p><i>Editorial improvements. The Tools Evaluation Criteria and Guidelines have been removed. The relationship of the Architecture Repository to the Enterprise Repository has been clarified</i></p>
Part V - Enterprise Continuum and Tools	
Enterprise Continuum	
Architecture Partitioning	
Architecture Repository	<p><i>No changes</i></p>
Tools for Architecture Development	
Part VI - Reference Models	<p><i>Minor editorial Improvements</i></p>
Foundation Architecture: Technical Reference Model	
Integrated Information Infrastructure Reference Model	
Part VII - Architecture Capability Framework	
Architecture Board	
Architecture Compliance	
Architecture Contracts	
Architecture Governance	
Architecture Maturity Models	
Architecture Skills Framework	

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TOGAF 9.1: Material Removed

Part I - Introduction	<p>Preface, Executive Overview, Core Concepts, Definitions and Release Notes</p>
Part II - Architecture Development Method	
Introduction to ADM	<p>ADM Phase Narratives</p>
Part III - ADM Guidelines and Techniques	
Guidelines for Adapting the ADM Process	<p>Tools for Architecture Development</p>
Techniques for Architecture Development	
Part IV - Architecture Content Framework	
Content Metamodel	<p>Building Blocks</p>
Architectural Artifacts	
Architecture Deliverables	
Part V - Enterprise Continuum and Tools	
Enterprise Continuum	<p>Tools for Architecture Development</p>
Architecture Partitioning	
Architecture Repository	
Part VI - Reference Models	
Foundation Architecture: Technical Reference Model	<p>Tools for Architecture Development</p>
Integrated Information Infrastructure Reference Model	
Part VII - Architecture Capability Framework	
Architecture Board	
Architecture Compliance	
Architecture Contracts	
Architecture Governance	
Architecture Maturity Models	
Architecture Skills Framework	

- The Document Categorization Model has been removed (Chapter 2)
- Definitions of terms where usage is not distinctive from the common dictionary definition have been removed (Chapter 3)
- The Building Blocks example has been removed (chapter 37)
- The Evaluation Criteria and Guidelines have been removed (Chapter 42)

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TOGAF 9.1: Material Revised

Part I - Introduction
Preface, Executive Overview, Core Concepts, Definitions and Release Notes
Part II - Architecture Development Method
Introduction to ADM
ADM Phase Narratives
Part III - ADM Guidelines and Techniques
Guidelines for Adapting the ADM Process
Techniques for Architecture Development
Part IV - Architecture Content Framework
Content Metamodel
Architectural Artifacts
Architecture Deliverables
Building Blocks
Part V - Enterprise Continuum and Tools
Enterprise Continuum
Architecture Partitioning
Architecture Repository
Tools for Architecture Development
Part VI - Reference Models
Foundation Architecture: Technical Reference Model
Integrated Information Infrastructure Reference Model
Part VII - Architecture Capability Framework
Architecture Board
Architecture Compliance
Architecture Contracts
Architecture Governance
Architecture Maturity Models
Architecture Skills Framework

- The "Objectives" sections of the ADM phases have been reworked to focus on actual objectives rather than techniques or a list of steps (chaps 6-17)
- Phase E and F descriptions have been reworked to match the level of detail in other phases (chaps 13,14)
- The concepts of levels, Iterations and partitions have been clarified and made consistent. (chaps 19/20/40)
- Additional introductory text on architectural styles has been added in Part III, Chapter 18
- The SOA chapter (Part III, Chapter 22) has been updated to describe the latest work from The Open Group

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TOGAF 9.1 and Certification

- The TOGAF 9 Certification for People Program has been designed to accommodate maintenance updates to the TOGAF 9 standard such as TOGAF 9.1
- The two levels of certification remain as TOGAF 9 Foundation and TOGAF 9 Certified
- Individuals who are currently certified in the TOGAF 9 People Certification program remain certified
- The Conformance Requirements for TOGAF 9 Certification have been updated and will become mandatory on June 1, 2012
- All Accredited TOGAF 9 Training Courses will be updated to the revised Conformance Requirements by June 1, 2012

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TOGAF 9.1 and Certification

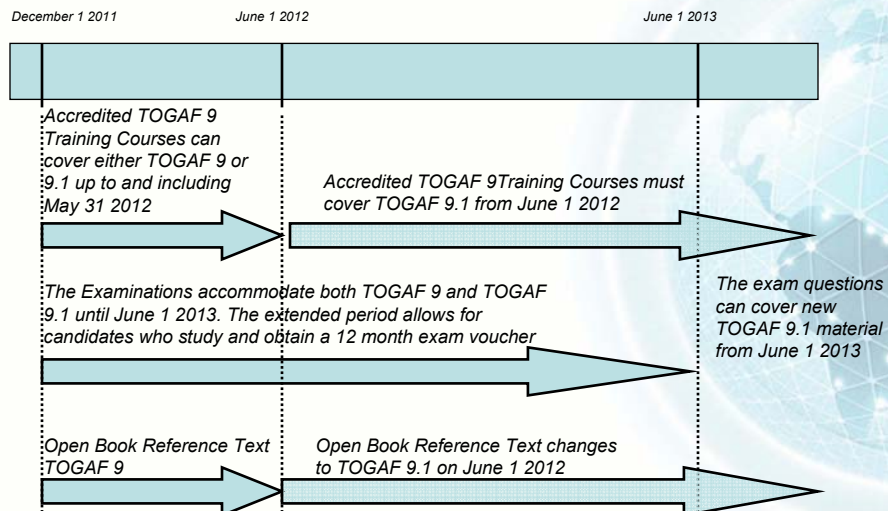
- In the period between December 1, 2011 and June 1, 2012 candidates can study either to the original Conformance Requirements or the revised Conformance Requirements
- The examinations have been designed to accommodate both up to June 2013, which allows candidates up to twelve months after studying to take the exam
- The reference text provided with the Open Book examinations will remain TOGAF 9 until June 1, 2012 and will then switch to TOGAF 9.1 after that date

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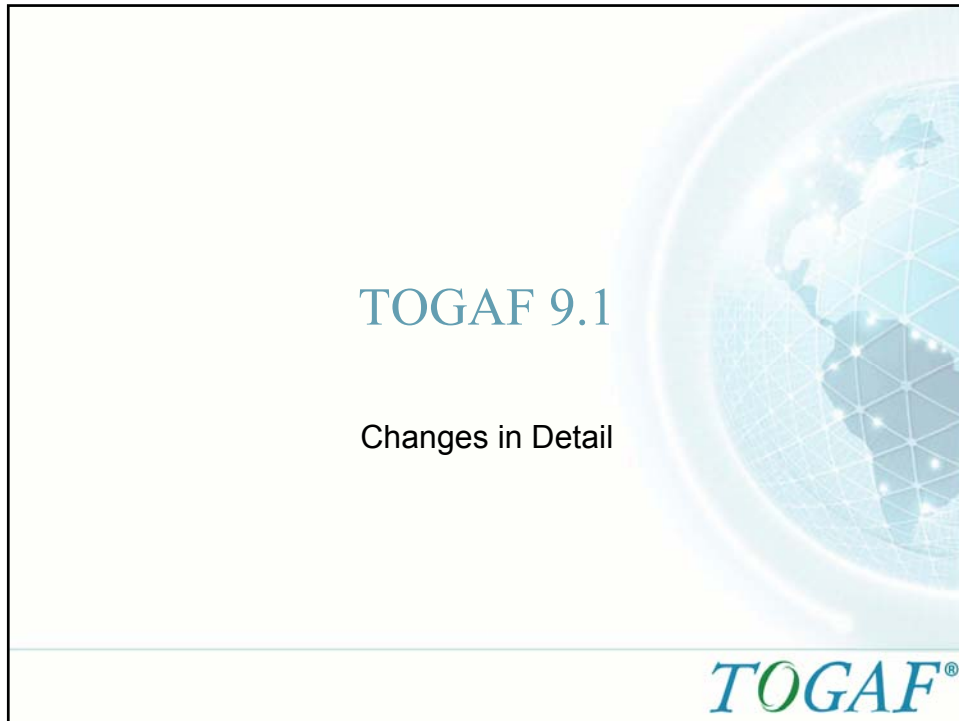
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TOGAF 9.1 and Certification

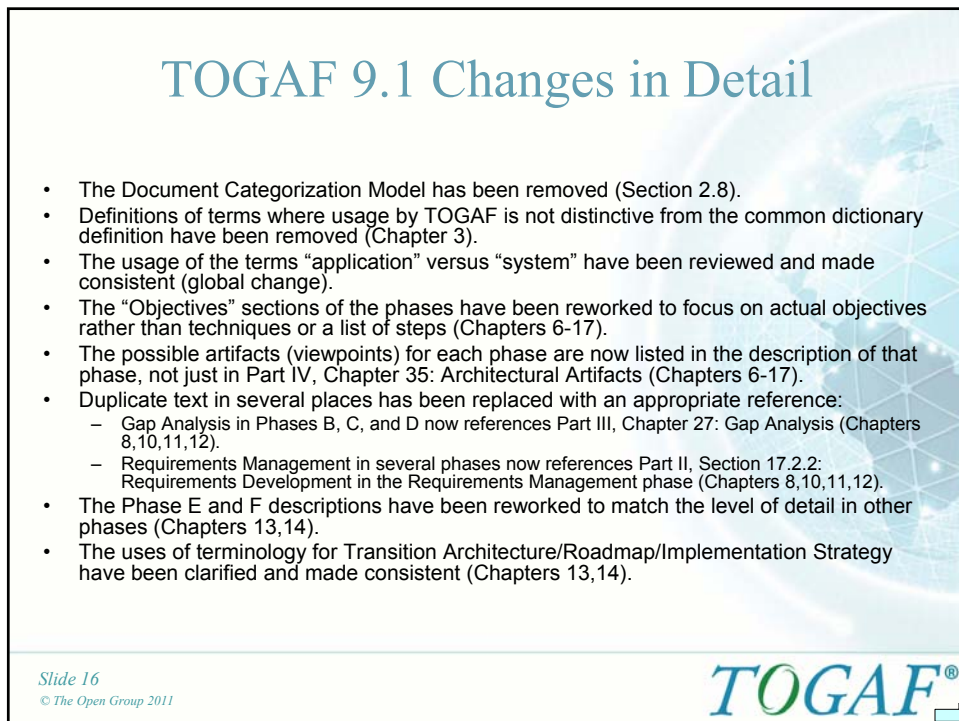


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TOGAF 9.1 Changes in Detail

- The concepts of levels/iterations/partitions have been clarified and made consistent. This includes a reorganization of material in Part III, Chapter 19: Applying Iteration to the ADM, Chapter 20: Applying the ADM across the Architecture Landscape, and Part V, Chapter 40: Architecture Partitioning (Chapters 5,19,20,40).
- Additional introductory text on architectural styles has been added in Part III, Chapter 18: Introduction (Chapter 18).
- Minor changes have been made to the Security Architecture chapter (Part III, Chapter 21: Security Architecture and the ADM) for consistency with the ADM (Chapter 21).
- The SOA chapter (Part III, Chapter 22: Using TOGAF to Define & Govern SOAs) has been updated to describe the latest SOA Work Group output (Chapter 22).

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TOGAF 9.1 Changes in Detail

- The description of Architecture Principles now divides them into two types only – Enterprise and Architecture – whereas before they called out IT Principles separately. IT Principles are now seen as just part of Enterprise Principles (Chapter 23).
- The Stakeholder Map included in the Stakeholder Management chapter (Part III, Chapter 24: Stakeholder Management) is now explicitly referred to as an example, the table has been highlighted to refer to Stakeholder Concerns, and the list of artifacts for each stakeholder updated (Chapter 24).
- The Business Scenarios chapter (Part III, Chapter 26: Business Scenarios and Business Goals) has been renamed to Business Scenarios and Business Goals to better reflect the contents of the chapter (Chapter 26).
- Corrections have been made to metamodel diagrams (Chapter 34).
- Corrections have been applied to aspects of the metamodel (Chapter 34).
- The terms “artifact” versus “viewpoint” have been clarified and made consistent. This includes a restructuring of Part IV, Chapter 35: Architectural Artifacts (Chapter 35).

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TOGAF 9.1 Changes in Detail

- Some of the artifacts have been renamed to better reflect their usage (Chapter 35):
 - System/Data matrix becomes Application/Data matrix
 - Class diagram has been replaced with Conceptual Data diagram and Logical Data diagram
 - System/Organization matrix becomes Application/Organization matrix
 - Role/System matrix becomes Role/Application matrix
 - System/Function matrix becomes Application/Function matrix
 - Process/System Realization diagram becomes Process/Application Realization diagram
 - System Use-Case diagram becomes Application Use-Case diagram
 - System/Technology matrix becomes Application/Technology matrix

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TOGAF 9.1 Changes in Detail

- The Building Blocks example has been removed (Chapter 37).
- The relationship of the Enterprise Repository to the Architecture Repository is clarified in Part V, Chapter 41: Architecture Repository (Chapter 41).
- The Evaluation Criteria and Guidelines have been removed from Part V, Chapter 42: Tools for Architecture Development (Chapter 42).
- The chapter on Architecture Maturity Models (Part VII, Chapter 51: Architecture Maturity Models) has been editorially revised for consistency and clarity (Chapter 51).

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Further Reading

- TOGAF 9.1 Web Page
 - <http://www.opengroup.org/architecture/togaf91/>
- White paper: An Introduction to TOGAF 9.1
 - <http://www.opengroup.org/bookstore/catalog/w118.htm>
- TOGAF 9 Technical Corrigendum 1
 - <http://www.opengroup.org/bookstore/catalog/u112.htm>
- TOGAF Information Web site
 - <http://www.togaf.info>

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