Enterprise Architecture Management Standard

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Parent Framework	Operational and Technology
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Version Control Table

Name	Changes made	Materiality	Approved by	Version number	Approval Date	Effective Date
Yoo Win Low	Enterprise Architecture Management Standard	Non-Material	Jamie Michael Cowan	1.3	24/04/2025	24/04/2025

The full version history is included at the end of the document.

1. Introduction & Purpose

This standard establishes the minimum requirements and the obligations for Enterprise Architecture Management within the Bank. It seeks to define the processes and conformance controls for effective architecture management.

The purpose of the Enterprise Architecture Management is to:

- Provide architecture design guidance
- Plan and govern architecture changes

The following outcomes are to be achieved by this standard and associated process:

- Architecture design is guided for effective architecture management
- Architecture changes are planned and governed for effective architecture management

2. SCOPE

This standard defines requirements for management and governance of architecture activities. It provides architecture design guidance, and plan and govern architecture changes for effective architecture management.

This Standard is mapped to the Technology Risk subtype under the Operational and Technology Risk Type Framework.

2.1. Associated Policy Statements

The Policy Statement(s) that this Standard is mapped to:

Document ID	Policy Name	Policy Statement(s)	Policy Statement ID
04-POLC-0601-00	Group Technology Policy	[GTP0050] Global Head of Architecture must set, maintain, and manage Information Technology principles, standards, and architectures to minimise technology risk.	GTP0050

2.2. Field of Application

This standard is applicable to all architecture management activities and technology services used in the Bank.

All Bank Technology Staffs and Third Party Vendors that are involved in directly or indirectly in activities listed under "Includes"

2.3. Includes

Standards for:

- Establish Architecture Operating Model
- Provide architecture implementation guidance and architecture governance
- Manage baseline architecture, target architecture and architecture roadmap

2.4. Excludes

Standards for:

- Specific change programs are identified, prioritized, and managed to completion. (Enterprise Portfolio Management)

- Functional and non-functional requirements for specific solutions. (Enterprise System Delivery Life Cycle)
- Actual Development and Deployment of solutions (Enterprise System Delivery Life Cycle)

3. CONTROLS AND NORMATIVE REQUIREMENTS

3.1. Control Objectives and Requirements

3.1.1 Control Objectives and Requirements for Architecture Design

Policy Statement ID	Control Objective ID	Control Objective
GTP0050	EAM.AD.OC01	Architecture design is guided

Control Requirement ID	Control Requirement
EAM.AD.CR01	**Global Head of Architecture** must develop and perform annual review on Architecture Operating Model which: • assigns roles and responsibilities in architecture management • determines architecture governance bodies to be created • determines type of common practices to be defined and enforced • determines choice of tooling and level of centralization of architecture repositories • is approved by Technology Standard Board (TSB)
EAM.AD.CR02	**Global Head of Architecture** must ensure Technology Principles are approved by Technology Standard Board (TSB) and annually reviewed.
EAM.AD.CR03	**Global Head of Architecture** must: • define criteria to determine the scope of Technical Standard creation • provide principle for Technical Standard ownership assignment • maintain Technical Standard inventory • oversee the Technical Standard lifecycle management, including Technology Standard Board (TSB) approval and annual review.
EAM.AD.CR04	**Domain Chief Architect** must ensure Technical Standards owned by Domain are created and maintained.
EAM.AD.CR05	**Global Head of Architecture** must: • identify technology-related taxonomies to be standardized • maintain the taxonomies, and the associated term definitions.
EAM.AD.CR06	**Global Head of Architecture** must ensure architecture implementation guidance are communicated.
EAM.AD.CR07	**Domain Chief Architect** must ensure Domain Baseline Architecture and Domain Target Architecture are created and maintained.
EAM.AD.CR08	**Domain Chief Architect** must ensure Domain Target Architecture is aligned with Business Strategies and Group Technology Strategies.
EAM.AD.CR09	**Domain Chief Architect** must ensure Architecture roadmaps to address the gap between Domain Baseline Architecture and Domain Target Architecture are created, maintained and reviewed.
EAM.AD.CR10	**Domain Chief Architect** must ensure Domain Target Architecture and architecture roadmaps are approved by Domain Chief Information Officer at least annually.
EAM.AD.CR11	**Domain Chief Architect** should proactively identify opportunity to create

Policy Statement ID	Control Objective ID	Control Objective
		reusable technology services and components.

3.1.2 Control Objectives and Requirements for Architecture Change

Policy Statement ID	Control Objective ID	Control Objective
GTP0050	EAM.AC.OC01	Architecture changes are governed

Control Requirement ID	Control Requirement
EAM.AC.CR01	**Global Head of Architecture** must ensure architecture governance bodies are established with objective, roles and responsibilities defined.
EAM.AC.CR02	**Global Head of Architecture** must publish criteria to assess architectural materiality of changes.
EAM.AC.CR03	**Technical Service Offering Owner** must ensure the architectural materiality of changes are submitted to the respective architecture governance bodies for review.
EAM.AC.CR04	**Global Head of Architecture** must provide guidelines for architecture governance bodies to assess architectural fitness and ensure results of assessment are documented.
EAM.AC.CR05	**Global Head of Architecture** must ensure architecture governance bodies maintain records for architecture decisions, deviations, remediation plans and remediation status.
EAM.AC.CR06	**Global Head of Architecture** must ensure regular assessment on current and target maturity level of architecture practices to identify constraints and plan for improvements.

3.2. Normative Standards

Nil

4. NORMATIVE REFERENCES

4.1. Normative References

Type	Normative Reference	Area of Connection
Reference Library	Group Role Library	• Predefined and agreed process role used to execute process activities/tasks. • Roles referenced in the Standard do not equate to Job Titles. The roles can be played by anyone in the context of processes and activities, fulfilling the Standard.
Reference Library	Glossary of Terms	Predefined and Agreed Definitions of key terms.

4.2. Interconnected Standards

Type	Interconnected Standards
Nil	Nil

5. GLOSSARY

Term	Definition
Architecture	An Architecture is a set of principles, guidelines and rules used by an enterprise to direct the process of acquiring, building, modifying and governing the technology design and its evolution throughout the enterprise.
Architecture Operating Model	The Architecture Operating Model defines the organization structure, common architecture practices and tools to implement, to ensure the architecture is effectively and efficiently established, maintained and used.
Architecture Roadmap	The Architecture Roadmap is a sequence of Initiatives to progressively realize a Target Architecture. Initiatives are laid out on a timeline from the Baseline Architecture to the Target Architecture.
Baseline Architecture	A Baseline Architecture represents the "as-is" Architecture and is also commonly known as the Current Architecture.
Business Strategy	A Business Strategy defines what the company needs to do to reach its goals and objectives. It guides the methods and tactics adopted by the organisation. It also informs many organisational decisions, such as resource planning.
Domain	In the context of the Enterprise Architecture Management Standard only, Domain refers to a specific CIO unit, supporting business line, e.g. WRB, CIB, Group Functions.
Group Technology Strategy	The Group Technology Strategy is a high level term used to describe the overall direction of Technology for the Bank.
Target Architecture	A Target Architecture is the description of a future state of an architecture being developed for an organization.
Technical Standards	A Technical Standard defines technical requirements for a category of solutions that must be met by implementations. Detailed statements in a Technical Standard are usually expressed formally as technical implementation requirements.
Technology Principle	A Technology Principle focuses on Technology topics. A Principle is a defined rule or way of behaving that has been established within the Bank to guide and structure decision making. They are intended to be enduring and seldom amended; they inform and support the way in which the Bank sets about fulfilling its mission.

6. ANNEXES

A. References

No.	Reference
OGTOGAF-9.2-2018	The TOGAF Standard Version 9.2, The Open Group, https://pubs.opengroup.org/architecture/togaf9-doc/arch/index.html, 2018

Notes: References includes sources use for this document

B. Appendix

Nil

Notes: Appendix includes supporting information that is not part of the formal standard

7. Appendix - Full Version Control

Document Author	Changes made	Materiality	Approved by	Version number	Approval Date	Effective Date
Heng, Desmond (Bank ID: 1611005)	Initial Document	Material	Tess Laus (Bank ID: 1393203) ✉ MoM_ Batch 3 - Technology Standard	1.0	24 Apr 2024	01 Jul 2024
Cao, Sharon (Bank ID: 1622251)	1. Adopting the Group Standard Template V7.1 (Version Control Table (Latest and Appendix), Parent Framework on Cover Page) 2. Due to a change in T&O Risk and Control Function; updated "Document Approver Name" from Laus, Tess (Bank ID: 1393203) to Cowan, Jamie (Bank ID: 1535751)	Non-Material	Cowan, Jamie (Bank ID: 1535751) ✉ Re_ Technology Standards and TSCRF	1.1	27-Mar-2025	01 Apr 2025

8. Version Control Table Latest Changes

Document Author	Changes made	Materiality	Approved by	Version number
Cao, Sharon (Bank ID: 1622251)	Due to reorganization within T&A, updated the "Document Owner Name" from Royal, Brendan (1644552) to Kumar2, Varun (2023888).	Non-Material	Cowan, Jamie (Bank ID: 1535751) ✉ Re_ Process Owner_ Enterprise Architecture	1.2

The full version history is included in Appendix.