Architecture Roles & Responsibilities

With the rollout of ADO, there is a clear requirement to define roles/ personas which will perform relevant functions on the platform (creator, reviewer, approver, read-only).

In line with this ask, the following roles are proposed as consistent across the group.

It must be noted that definition of a role does not imply dedicated individuals/ headcounts to perform the role, existing staff across TSA/ delivery may be identified to perform the role in addition to their existing roles.

The agreed responsibilities will be added to Architecture Operating Model and ADO RBAC

With the NFR plan uplift to meet the latest IT Resilience requirements (GovPoint), solution intents are to document the non-functional design artefacts and to have resilience review conducted within the domain teams. Hence the roles and responsibilities for IT Resilience reviews are modified to be done by the domain architects or chief architects. This was ratified in the EAWG meeting EAWG MOM - 2025-04-17 - Enterprise Architecture - Confluence.

Ratified by Technology Standards Board on 1-Aug-2023 TSB MoM - 2023-08-01

Architect Roles & Responsibilities

Domain Chief Architect	- Accountable for domain target architecture & roadmap (transition) development in line with investment strategy (factoring applications and underlying technology products), business and technology strategies and principles - Accountable for roadmap and application investment status reviews (at least annually) - Perform fitness assessment of existing applications and Technology Products at least annually - Ensure the Domain Technology Council (DTC) is operating effectively and efficiently - Develop, publish and create awareness of Domain Architecture Principles (if applicable) - Proactively identify opportunity to create reusable Technology Patterns and ensure Technology Patterns are regularly reviewed - Escalate any other topics related to technology decision making guidance to Technology Standard Board (TSB) or Solution Review Board (SRB)	Domain	Head of Technology Strategy & Architecture

Domain Architect	- Defines baseline architecture, target architecture and roadmaps (transition architecture) for responsible business areas - Develop and maintain domain owned Technical Standard - Develop and maintain domain owned Technology Patterns - Develop and maintain Domain Architecture Principles (if applicable) - Evaluates Architecture Impact for initiatives owned by business area - Chairs Architecture Review Forum and drives review of architecture artefacts against domain roadmaps - Identifies & logs design dispensations and agrees resolution approach as part of Solution reviews - Facilitates Architecture approval via Domain Tech Council - Responsible for Scoring reviewed solutions - Participates in design vs build assessment organised by Solution Architect and agrees dispensations and resolution approach	1 or more business area (function) under a domain	Domain Chief Architect
Country/ Cluster Architect	- Develops baseline architecture, target architecture and roadmaps for responsible country(s) - Ensures group and domain Technical Standards are applied to any country specific solution - Ensures country specific solutions apply established Technology Patterns and Architecture Principles - Evaluates Architecture Impact for country initiatives - Co-ordinates with Domain Architect to drive architecture approval via Architecture Review Forum/ Domain Tech Council for any initiatives with architecture impact	1 or more countries	Head of Technology Strategy & Architecture

Solution Architect (role part of Domain Architect function and may be subsumed by Domain Architect)	- Contributes to development of domain target architecture for a set of capabilities - Conducts solution design reviews across a collection of capabilities owned by the business area - Collaborates with other solution architects to drive agreement on cross-cutting solutions - Co-ordinates with Domain Architect to ensure solutions align with wider domain strategy, technology & architecture principles and patterns - Tracks design dispensations to resolution - Conducts design vs build assessment with Technology Service Owner, Domain Architect & Application Architect for applications undergoing significant change, or at least annually; records dispensations and resolution approach - Tracks resolution of design vs build deviations as part of future resolution	1 or more capabilities within a business area	Domain Architect
Application Architect (role subsumed by Application Owner/ Technology Service Owner)	- Responsible for detailed documentation and maintenance of application architecture - Ensures that the design & implementation are aligned to best practices, standards and principles - Identifies impact of technology standard lifecycle changes to supported applications and raises application specific risks to Technology Service Owner and Solution/ Domain Architects for resolution - Co-ordinates with solution architect for review of significant application changes (application architecture review) - Self evaluates updates to application architecture for minor/ non-architectural impact changes - Responsible for resolution of design vs build dispensations as noted by Technology Service Owner & Solution Architect during regular reviews	1 or more applications	Technology Service Owner

Infrastructure Architect	- Responsible for detailed design of infrastructure (hardware/ OS etc.) to support the compute and storage demands of an application - Conducts infrastructure sizing and fitness assessment for requestor applications to apply the best-fit pattern - Ensures that the design & implementation are aligned to best practices, standards and principles - Identifies impact of technology standard lifecycle changes to supported infrastructure and ensures availability of invest solution to application teams - Develops and maintains infrastructure patterns and enforces their adoption during provisioning and set up - Tracks resolution of design vs build deviations as part of future resolution	1 or more capabilities	Domain Chief Architect (ET)

Solution Intent & Application Architecture Role Mapping in ADO

Roles to be created in ESDLC/ ADO for Architecture review

Roles	Role in ESDLC	Persona in ADO	Level of granularity for role to be defined
Domain Chief Architect	Domain Chief Architect	DomainArchitect	Domain/ Business Area
Domain Architect	Domain Architect	DomainArchitect	Domain/ Business Area
Solution Architect	Solution Architect	DomainArchitect	Domain/ Business Area
Country/ Cluster Architect	Country/ Cluster Architect	CountryArchitect	Country Cluster (for In-Country Solutions)
Application Architect	Application Architect	Application Owner ❓	Application ❓
Data Architect	Not Applicable, as sub-councils are in turn Domain Architects for their area	Data Sub-Council	Domain/ Business Area
Cloud Architect		Cloud Sub-Council	Domain/ Business Area
Security Architect (SACA)		SACA Sub-Council	Domain/ Business Area
IT Resilience Reviewer		DomainArchitect	Domain/ Business Area

RACI by Activity

Artefact/ Activity	Conditions	Responsible	Accountable	Consulted	Informed	Control
Artefact/ Activity	Conditions	Responsible	Accountable	Consulted	Informed	Control
ADO: Create Architecture Impact Assessment	In all the cases	Delivery team or Product Owner	Product Owner	Domain Architect	Domain Architect Product Owner	
ADO: Signoff-1 for Architecture Impact Assessment	In all the cases	Product Owner	Product Owner	Delivery team	Domain Architect	Must be completed before Domain or Country Architect review
ADO: Signoff-2 Architecture Impact Assessment	If In Country Initiative = No	Domain Architect	Product Owner	Delivery team	Delivery team	Must be completed during Discovery before Inception or start of build
ADO: Signoff-2 Architecture Impact Assessment	If In Country Initiative = Yes	Country Architect	Product Owner	Delivery team	Delivery team	Must be completed during Discovery before Inception or start of build
ADO: Create & Upload Solution Intent : Conceptual Design	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Delivery team	Delivery team	Domain Architect (Arch Governance)		
Approve Solution Intent : Conceptual Design	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Domain Technology Council (Conditionally) Solution Review Board	Domain Chief Architect	Domain Architect, Delivery team	Domain Architect, Delivery Team	

Activity	Condition					
ADO: Upload Approval & Signoff Solution Intent : Conceptual Design	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Domain Architect or Domain Chief Architect	Domain Architect		Product Owner, Delivery Team	Must be completed during Discovery before Inception or start of build
ADO: Create & Upload Solution Intent : Detailed Design	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Delivery team	Delivery team	Domain Architect (Arch Governance)		
Approve Solution Intent : Detailed Design	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Architecture Review Forum (Conditionally) Domain Technology Council	Domain Architect or Domain Chief Architect (Arch Governance)	Delivery team	Product Owner	
ADO: Upload Approval & Conditionally Signoff Solution Intent : Detailed Design & Identify additional reviewers	If Architecture Impact Assessment (of Initiative) = "Material Impact" AND If Architecture Significance of Change = "Significant" for Security, Data, Cloud or Resilience	Domain Architect or Domain Chief Architect	Domain Architect		Product Owner SACA, Data, Cloud Reviewers	
ADO: Complete Data Review and log dispensations	If Architecture Significance of Change = "Significant" for Data	Data Architect	Delivery team	Delivery team	Domain Architect	
ADO: Complete SACA Review & verify MBSR and log dispensations	If Architecture Significance of Change = "Significant" for Security	Security Architect	Delivery team	Delivery team	Domain Architect	
ADO: Complete Cloud Review and log dispensations	If Architecture Significance of Change = "Significant" for Cloud	Cloud Architect	Delivery team	Delivery team	Domain Architect	

ADO: Complete Resilience Review and log dispensations	If Architecture Significance of Change = "Significant" for Resilience	Domain Architect or Domain Chief Architect	Delivery team	Delivery team	Domain Architect	
ADO: Create Solution Score	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Domain Architect or Domain Chief Architect	Domain Architect or Domain Chief Architect	Delivery Team	Product Owner	Must be completed as part of SI detailed design signoff
ADO: Upload Approval & Signoff Solution Intent : Detailed Design	If Architecture Impact Assessment (of Initiative) = "Material Impact" AND If Sub-Council review completed or not applicable	Domain Architect or Domain Chief Architect	Domain Architect		Product Owner, Delivery Team	Must be completed during Inception before start of build
ADO: Record Design Deviations/ Dispensations	If Architecture Impact Assessment (of Initiative) = "Material Impact"	Domain Architect or Domain Chief Architect, or Sub-Council reviewers	Domain Architect	Delivery team	Product Owner, Delivery Team	While SI is not fully approved

Note:

- For solutions with no Security, Data, Cloud and Resilience impacts, the detailed design may be directly approved
- Therefore, for any initiatives with Architecture Impact = "Material", Solution intent: Detailed Design must be either "Conditionally Approved" or "Approved" or "Approved with Dispensations" for build to start, and "Approved" or "Approved with Dispensations" for testing to start

RACI

Impact Assessment Functional Questions like EU AI Act	C	R
Technical Design Questions like Impacted Business Services		

Open Questions

1. Neil stated that all Solution Architects must be in TSA and TSA should review SI and not produce them - producers need to sit in CIO area.
    a. Confirmed with Brendan this is is not a formal agreement, but a preferred direction - the R&R has been revised accordingly.