SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY
SKILLS MAP – BUSINESS ARCHITECT

Sector	Infocomm Technology
Track	Strategy and Governance
Sub-track	Enterprise Architecture
Occupation	Enterprise Architect
Job Role	**Business Architect**
Job Role Description	The Business Architect analyses, designs and develops roadmaps and implementation plans based on a current versus future state business architecture, and review the architecture standards for approval. He/She leads and facilitates the business architecture governance process based on the enterprise architecture governance structure, and manages exceptions to architectural standards at a business level. He assesses near-term needs to establish business priorities and aligns architectural requirements with IT strategy. He consults with clients and IT teams on business architecture solutions and provides recommendations on emerging technology to senior management. He works in a dynamic and evolving business environment. He is knowledgeable of relevant enterprise architecture methodologies, frameworks and modelling tools. He is also familiar with organisational design frameworks and tools. The Business Architect effectively synthesises diverse needs of the business unit, and has strong situational analysis, problem solving and decision making abilities. He possesses excellent communication skills and is able to influence key stakeholders.

	Critical Work Functions	**Key Tasks**
Critical Work Functions and Key Tasks	**Formulate the organisation's architecture strategy, roadmap, standards, policies and procedures, and governance**	Lead and coordinate the domain technical and business discussions
		Participate in ecosystem strategy development, environment analysis and opportunity identification
		Analyse, design and develop roadmaps and implementation plans based on a current versus future state
		Design standard configurations and patterns
		Lead and facilitate the business architecture governance process based on the enterprise architecture governance structure
		Manage exceptions to architectural standards at a business level
		Review and approve recommendations to business architectural standards
	Develop architecture requirements and maintain oversight	Analyse and develop business architectural requirements
		Align architectural requirements with IT strategy
		Assess near-term needs to establish business priorities
		Ensure compatibility with existing solutions, infrastructure, services and strategic requirements
		Coordinate architecture implementation and modification activities
		Assist in post-implementation and continuous improvement efforts to enhance performance and provide increased functionality
		Ensure conceptual completeness of the technical solution
	Manage quality and continuous improvement of architecture	Analyse the current architecture to identify weaknesses and develop opportunities for improvement
		Identify and propose variances to the architecture to accommodate project needs
		Perform ongoing architecture quality review activities
	Research emerging technologies	Consult with clients and IT teams on business architecture solutions
		Analyse cost versus benefits, risks, impact and technology priorities

		Provide recommendations on emerging technology to senior management
		Develop communication plans for business architecture
		Lead the research and evaluation of emerging technology, industry and market trends to assist in project development
		Identify organisational requirements for resources
	Drive business architecting	Oversee the definition of future-state and current-state business architecture
		Explore methods to apply new technology to, and reuse existing technology, for business processes
		Owns the stewardship duties of business architecture artefacts
		Design business processes, functions and organisational structures

	Technical Skills and Competencies		Generic Skills and Competencies	
Skills and Competencies	Business Agility	Level 4	Decision Making	Advanced
	Business Environment Analysis	Level 4	Interpersonal Skills	Advanced
	Business Innovation	Level 5	Leadership	Advanced
	Business Needs Analysis	Level 5	Problem Solving	Advanced
	Business Performance Management	Level 4	Resource Management	Advanced
	Business Process Re-engineering	Level 5		
	Business Requirements Mapping	Level 5		
	Business Risk Management	Level 5		
	Change Management	Level 5		
	Data Visualisation	Level 5		
	Design Thinking Practice	Level 4		
	Emerging Technology Synthesis	Level 4		
	Enterprise Architecture	Level 4, Level 5		
	IT Strategy	Level 4		
	Networking	Level 4		
	Organisational Analysis	Level 5		
	Organisational Design	Level 4		
	Partnership Management	Level 5		
	Performance Management	Level 5		
	Process Improvement and Optimisation	Level 5		
	Project Feasibility Assessment	Level 4		
	Project Management	Level 5		
	Solution Architecture	Level 5		
	Stakeholder Management	Level 5		
	Strategy Implementation	Level 4		
	Strategy Planning	Level 4		

	Sustainability Management	Level 4	
Programme Listing	For a list of Training Programmes available for the ICT sector, please visit: www.skillsfuture.sg/skills-framework/ict		

The information contained in this document serves as a guide.