

Information and Communications Technology Industry Training Advisory Committee
Software Products and Software Services (SW) branch
Unit of Competencies

1. Title	Evaluate and select architecture design options and related architecture artefacts
2. Code	ITSWAR501A
3. Range	Adopt a set of guidelines for evaluating, trading-off and making decisions for selecting architecture design options and related architecture artefacts to aid development of IT solutions in an organisation [Architecture – Architecture Framework and Vision]
4. Level	5
5. Credit	2
6. Competency	<p style="text-align: right;">Performance Requirement</p> <p>6.1 Understand various methods for evaluating architecture tools, repositories and repository management process Be able to evaluate the suitability of different tools, repositories and repository management processes to support architecture design, implementation and maintenance efforts</p> <p>6.2 Understand the scope and components of the architecture effort Be able to define the scope of, and to identify and prioritise the components of, the architecture effort</p> <p>6.3 Adopt a set of guidelines/criteria for evaluating architecture tools, repositories and repository management processes Be able to define and adopt a set of guidelines/criteria for evaluating the following items to be used to capture, publish, and maintain architecture artefacts such as</p> <ul style="list-style-type: none"> ▪ architecture tools ▪ architecture repositories ▪ architecture repository management processes <p>6.4 Align the chosen guidelines for evaluating architecture tools, repositories and repository management processes with organisation's policies and mandates Be able to adopt a set of guidelines so that it aligns with the organisation's policies and mandates in areas including</p> <ul style="list-style-type: none"> ▪ procurement management ▪ asset management ▪ partnership development ▪ strategic alliance development
7. Assessment Criteria	The integrated outcome requirements of this UoCs is the ability to adopt a set of guidelines for evaluating, trading-off and making decisions for selecting architecture design options and related architecture artefacts to aid development of IT solutions in an organisation.
Remark	Pre-requisite: ITSWAR601A