Technology Architect Certification

Why the certification is relevant

As the complexity of IT grows, more and more organisations are realizing the need for cross-disciplinary architectural capabilities in the fields of information technology. Gartner once identified the Technology Architect as one of the key roles to adopt cross-disciplinary capabilities to create more value than previously anticipated.

Focus of the Technology Architect

The Technology Architect Program is based on an intensive 5-day classroom training module and is supported by Individual Performance Coaching on a project selected by the partitioner. The hands-on experience ensures that the technology (platform and infrastructure) and enterprise architecture management and modelling skills are applied within the following disciplines:

- Business Layer Modelling: Business model, service model, processes, workflows, etc.
- Information Layer Modelling: Application and data components, flows, functions, services, etc.
- Technology Layer Modelling: Platform and infrastructure components, devices, services, etc.

Theories Practitioners will learn

- Ensure infrastructure harmonisation and consolidation
- Focus on platform and infrastructure development and configuration
- Ensure technology integration and testing
- Technology design strategy
- Develop business and technology standards

What Practitioners will work with in Practice

- Work with business and technology owners and executives
- Define business and IT standardisation and integration
- Benchmark business and technology maturity
- Build application roles, rules and compliance
- Develop technology services

Modelling capabilities Practitioners will gain

- Forces & Drivers Map
- Technology Strategy Canvas
- Business & IT Capability Map
- Operating, Service & Information Model
- Workflow & Rules Model
- Information & Technology Services Model

Enterprise Standards used

OMG (software standards):
- BPMN – Business Process Modelling Notations
- CMMN – Case Management Modelling Notation
- DMN – Decision Modelling Notation

LEADing Practice (Enterprise Standards):
- Emerging & Disruptive Technology Trends & Forces
- Technology Ontology
- Technology Taxonomy
- Technology Classification & Categorisation
- Technology Artefacts
- Technology Architecture Modelling
- Technology Lifecycle
- Technology Meta Model

Open Group Technology Architecture
IEEE Technology Engineering standards
ISO 42010 Systems & Software Engineering
Zachman Framework (Interrogatives)
ITIL 3 (IT delivery concept)
COBIT (Governance)