Infrastructure 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 infrastructure technology. Gartner once identified the Infrastructure Architect as one of the key roles to adopt cross-disciplinary capabilities to create more value than previously anticipated. The Infrastructure Architect Program has been structured to build on the existing capabilities of the practitioner, and to infuse a new way of thinking, working and modelling. It combines a mix of infrastructure architecture skills with enterprise architecture to enable technology architecture and modelling disciplines to be managed effectively by the practitioner.

Focus of the Infrastructure Architect

The Infrastructure 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 infrastructure and enterprise architecture management and modelling skills are applied within the following disciplines:

- Business Layer Modelling
- Information Layer Modelling
- Technology Layer Modelling

Theories Practitioners will learn

- Capture infrastructure forces and trends
- Define infrastructure strategies
- Define infrastructure requirements
- Infrastructure performance management
- Decision making around infrastructure

What Practitioners will work with in Practice

- Work with stakeholders and IT owners
- Benchmark infrastructure maturity
- Develop infrastructure guidelines
- Infrastructure service model definitions
- Define infrastructure standardisation and integration potential

Modelling capabilities Practitioners will gain

- Infrastructure Stakeholder Map
- Infrastructure Requirements Model
- Infrastructure Strategy Canvas
- Infrastructure Capability Maps
- Infrastructure Services Model
- Infrastructure Rules & Compliance Model

Enterprise Standards used

OMG (software standards):

- UML Unified Modelling Language
- BPMN Business Process Modelling Notations
- DMN Decision Modelling Notations

LEADing Practice (Enterprise Standards):

- Emerging & Disruptive Infrastructure Forces & Trends
- Infrastructure Ontology
- Infrastructure Taxonomy
- Infrastructure Classification & Categorisation
- Infrastructure Artefacts
- Infrastructure Architecture Modelling
- Infrastructure Lifecycle

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

