Why the certification is relevant

Cloud computing architecture refers to the components and subcomponents required for cloud computing. These components typically consist of a front end platform, back end platforms, a cloud-based delivery, and a network. Combined, these components make up cloud computing architecture. Cloud solution design is based on architectural procedures and methods that has been developed over the last 20 years.

Focus of the Cloud Architect

Developed by LEADing Practice in partnership with the Global University Alliance and industrial leaders in the market, the Cloud Architect Program covers technology analysis as well as systems and business analysis. It covers an analytical and modelling framework for integrating IT, technology platforms and infrastructure with strategy, innovation, value, requirements and complexity management for projects and initiatives driven entirely in the cloud. The Cloud Architect certificate is awarded through an in-depth education programme combined with a personal project that becomes the foundation upon which to apply standards and receive Individual Performance Coaching.

Theories Practitioners will learn

- Identify business/IT cloud gaps/pain points
- Understand business and IT cloud strategies
- Identify business and IT cloud requirements
- Identify business and IT cloud capabilities
- Build business and IT cloud services that create value

What Practitioners will work with in Practice

- Work with business and IT cloud stakeholders and owners
- Analyze the Business & IT Cloud Model
- Define the Business & IT Cloud Model
- Design the Business & IT Cloud Model
- Develop the Business & IT Cloud Model
- Govern and continuously improve the Business & IT Cloud Model

Modelling capabilities Practitioners will gain

- Business & IT Cloud Stakeholder Map
- Business & IT Cloud Requirement Map
- Business & IT Cloud Strategy Map
- Business & IT Cloud Capability Map
- Business & IT Cloud Landscape Canvas
- Business & IT Cloud 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 Cloud Trends & Forces
- Cloud Ontology
- Cloud Taxonomy
- Cloud Classification & Categorisation
- Cloud Artefacts
- Cloud Architecture Modelling
- Cloud Lifecycle
- Cloud Meta Model

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



