

# Cloud Analyst Certification

## Why the certification is relevant

Cloud Analysts are responsible for the planning and engineering of an organisation's cloud computing applications and services. Cloud Analysts implements and designs hardware and software that runs entirely in the cloud. Being a Cloud Analyst, you also monitor the performance of systems. Additionally, Cloud Analysts are familiar with standard concepts, practices, and procedures of cloud technology, including Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS).

## Focus of the Cloud Analyst

Developed by LEADing Practice in partnership with the Global University Alliance and industrial leaders in the market, the Cloud Analyst Program covers business, systems and technology analysis. It also 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 in the cloud. The Cloud Analyst 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 technology owners and stakeholders
- 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 Stakeholders
- Business & IT Cloud Requirements
- Business & IT Cloud Capabilities
- Business & IT Cloud Compliance & Rules
- Business & IT Cloud Model

## Enterprise Standards used

OMG (software standards):

- BPMN – Business Process Modelling Notations
- CMMN – Case Management Modelling Notations
- DMN – Decision Modelling Notations

LEADing Practice (Enterprise Standards):

- Cloud Strategy
- Cloud Roadmap
- Cloud Orchestration
- Cloud Categorisation & Classification
- Cloud Modelling exercises in:
  - Single Cloud Site
  - Multi-Datacenter Cloud Setup
  - Scalable Multi-Tier Cloud Setup with Memcached
  - Hybrid Cloud

Open Group Business Architecture

ISO 42010 Systems & Software Engineering

Zachman Framework (Interrogatives)

ITIL 3 (IT delivery concept)

COBIT (Governance)