



CLOUD INDUSTRY FORUM
Professional Membership

CIF E-learning: Online Cloud Training Courses

We have used the CIF Cloud Adoption Roadmap as a framework to develop an online training programme, focusing on the Research & Strategy and Assessment & Planning stages of the Cloud adoption journey.

Customised Learning based on your needs

The e-learning modules can be accessed individually according to need. This granular approach will enable users to customise and build their own curriculum of learning by selecting the modules that are relevant to their needs and also allows us to provide guidance and support to professionals working in specific areas.

Cloud Adoption Roadmap stages covered with e-learning modules;

Cloud Research and Strategy

1. Cloud Essentials
2. Impact of Cloud on IT
3. Developing a Cloud Strategy

Assessment and Planning

4. Assessment of Current Environment
5. Destination Planning
6. Migration Planning
7. Staff and Resources
8. Cloud Service Providers
9. Software Licensing in the Cloud
10. Contracts, SLAs and Cloud Law
11. Security Planning
12. Building a Business Case

E-learning Programme 1 – Cloud Strategy & Planning



Module 1 – Cloud Essentials

This module helps to identify what Cloud is, how and why it is used, the benefits and risks and how it is transforming markets and organisations. Covering:

- Definitions
- Characteristics
- Services and delivery models
- Market drivers
- Cloud computing patterns
- Features, benefits and advantages as risks and challenges



Module 2 – Cloud's impact on IT

This module takes a closer look at how Cloud is affecting IT operations. How it is changing the way IT is planned, paid for, managed and governed, as well as its impact on staff and culture. Covering:

- IT Planning
- Procurement
- IT Finance
- IT Operations
- Governance, Risk & Compliance
- Applications management and Development
- IT Culture & Staff



Module 3 – Developing a Cloud Strategy

This course focuses on how to develop a strategic approach to Cloud adoption, including structural approaches, specific Cloud considerations, target outcomes and factors that influence planning & prioritisation. Covering:

- Framework for Strategy
- Educating the Board
- Influencing factors (Business objectives, Market and Policies, Competition)
- Line of Business engagement
- Attitudes to risk and adoption
- 5 Grades of adoption
- Identifying candidates
- Candidate pathways and impact



Module 4 – Assessing your current environment

This course focuses on how to assess your existing IT environment to help validate your Cloud adoption plans and start to form a foundation for your gap analysis and migration planning. Covering:

- Structure for assessment
- Systems / workload consumption patterns
- Standardisation, customisation and proprietary components
- IT Maturity and operations
- Application licensing, architecture, performance and inter-dependencies
- Application development environments
- Data and risk management
- Existing Cloud services (overt and covert)
- TCO and projected demand / costs
- Business processes, staff and service providers



Module 5 – Defining your destination

This course focuses on how you define the goals for your Cloud migration projects and overall cloud adoption destination. Covering:

- Structure for definition
- Cloud service models
- Scalability, security and resilience
- Automation, service management
- Monitoring and SLA management
- Application migration approaches
- Lift & Shift vs re-factor / re-architecting
- Security, data and governance
- IT operations, staff and service provider relations
- TCO vs TCO plus vs ROI
- Candidate pathways



Module 6 – Migration Planning

This course helps you identify key considerations and good practice approaches for your migration phase. Covering:

- Reasons why migrations fail
- Migration team roles and responsibilities
- Project methodologies
- Key stages & milestones
- Application / workload preparations
- 3rd party management
- Application retirement and data retention
- Migration timing and capacity



Module 7 – Staff and resources

This course focuses on how to develop the right team to help you migrate to, and operate in, a Cloud enabled organisation. Covering:

- Structure for staff and resources planning
- Skills audits and skills relevance
- Training and recruitment
- Certifications
- Nurturing the right attitudes and behaviours
- Integrating 3rd parties into your project and operations teams



Module 8 – Cloud Services Providers

This course helps you identify key considerations and good practice approaches for assessing, buying and managing Cloud Service Providers. Covering:

- CIF Code of practice framework for assessment
- Accreditations and standards
- Technology and service roadmap
- Data security and business policies
- Service dependencies and partnerships
- Contracts, commercials and SLAs
- Reliability and performance
- Migration path, vendor lock-in and exit planning
- Business health and profile
- Procurement process and good practice



Module 9 – Licensing and SAM in the Cloud

This course focuses on how to address the challenges of software licensing and licensing compliance in Cloud environments. Covering:

- Structure for assessment and management
- Evolving licensing types
- Application and Service Assessment
- Licensing in the Cloud
- Mapping requirements
- Boundaries of responsibility
- Software Asset Management in the Cloud



Module 10 – Contracts, SLAs and Cloud Law

This course helps you identify key considerations and factors associated with assessing service provider contracts & SLAs and covers important aspects related to Cloud LAW. Covering:

- Borders of responsibility
- Service availability
- Service levels
- Data – security, redundancy, ownership and use rights, and conversion
- Insurance
- Indemnification
- Intellectual property
- Limitation of liability
- Implementation
- Fees
- Term
- Warranties
- Publicity and use of the customer's trademarks
- Assignment
- Exit provisions



Module 11 – Security planning

This course helps you identify key considerations and good practice approaches for establishing effective data and system security, service performance and availability and compliance with governance, risk management and business policies. Covering:

- Data governance planning
- Security planning
- User management planning
- Device management
- Disaster recovery
- Business continuity
- Support and escalations
- Service Level management



Module 12 – Business case

This course helps you identify key considerations and good practice approaches for building a winning business case for Cloud adoption. Covering:

- Success framework
- Key factors to include
- Financial projections
- Service projections
- Market / competitive projections
- Governance risk and compliance
- Business objectives
- Project plan and timelines
- Staff & resources