

L1 (Foundation) + L2 (Practitioner) ArchiMate 3.2

Course code: TGF_AM12

A combination of L1 (Foundation) ArchiMate and L2 (Certified) ArchiMate training at a discounted price. Detailed explanation of the international standard for immediate use in practice and preparation for both levels ArchiMate 3 Foundation and ArchiMate 3 Practitioner certification exams that you can take immediately after the end of the training or at any time later.

Requirements

- Basic orientation in the field of architecture
- Basic knowledge of English (in case of certification)

Contents

In addition to the standardized content defined by The Open Group consortium, we have added a number of practical topics that show how to use ArchiMate in real practice:

- Capturing the motivation to implement change, including stakeholders and their interests
- Capturing the link between motivation and the proposed solution, capturing the components used, and the reason for their use
- Recommendations for describing the business environment in the form of processes, functions and services, explanation of the link on BPMN
- Description of the proposed application solutions in appropriate detail and structure suitable for administration Offers
- Design and description of architecture from business to technology step by step with a clear definition responsibilities of individual domain architects
- Capture of ESB integration components, API gateways, and exhibited services
- Capture virtualized infrastructure and cloud solutions
- Practical recommendations for diagramming

L1 (Foundation)

- Introduction
- Enterprise Architecture - A Brief Introduction
- Drawing vs. Modeling
- Basic concepts and principles of ArchiMate
- Base and Supplementary Layers
- Link between ArchiMate and TOGAF
- Elements, links
- ArchiMate metamodel
- Detailed explanation of individual elements and links
- Links between elements, how to capture them
- Business Layer
- Business Layer Metamodel
- Active elements (actor, role, cooperation, etc.)
- Behavioural elements (processes, functions, events, etc.)
- Passive elements (product, contract, etc.)
- Application layer
- Application layer metamodel
- Active elements (application component, interface, etc.)
- Behavioural elements (services, functions, interactions, etc.)
- Passive elements (data object)
- Technological layer

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- Technology Layer Metamodel
- Active elements (devices, networks, infrastructure interface, etc.)
- Behavioural elements (services, functions)
- Passive elements (artifact)
- Physical elements
- Physical elements (equipment, equipment, distribution route, material)
- Strategic elements
- Strategic elements (direction, capabilities, resources)
- Motivational elements
- Motivational elements (stakeholders, goals, requirements, etc.)
- Binding to ArchiMate base layers
- Implementation and migration elements
- Implementation and migration elements (work package, deliverable, plateau, gap, etc.)
- Link to motivational elements and basic layers of ArchiMate
- Ties
- Structural links and dependencies (composition, aggregation, assignment, implementation, influence and etc.)
- Dynamic links (triggering, flow)
- Other links (specialization, junction)
- Aspects
- The way of working with points of view, their contribution
- Basic aspects (organizational, business process, use of applications, infrastructure, etc.)
- Recommended modeling techniques
- Asking the right questions and capturing them in the form of visualizations
- Working with colors
- Organization of elements and ties
- Pareto Rules App
- Tools for ArchiMate
- Overview and selection of tools
- Examples of the use of ArchiMate in practice

L2 (Practitioner)

- Introduction
- Focus and structure of the language
- Language Metamodel
- Structure of language
- Derivation of individual elements
- Bonds and composite elements
- Recap
- Specific use of selected constraints
- Business Layer
- Recap
- Link to BPMN
- Exercise
- Sample Test Example
- Application layer
- Recap
- Link to UML
- Exercise

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- Sample Test Example
- Technological layer
- Recap
- Level of detail for capturing infrastructure and networks
- Exercise
- Sample Test Example
- Physical layer
- Recap
- Exercise
- Motivation
- Recap
- Link to other layers
- Exercise
- Sample Test Example
- Strategy
- Recap
- Implementation and migration
- Recap
- Exercise
- Sample Test Example
- Links between layers
- Language extension

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