IT Architecture Management

Course Description

The course IT Architecture Management aims to enable students to define a blueprint for the future development of a particular IT landscape, taking into account service strategies and available technologies given to an IT service provider.

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   1. The Term “Architecture” in the Context of IT
   2. Use Cases and Levels of IT Architectures
   3. Overview on IT Architecture Management
2. Enterprise Architecture Management (EAM)
   1. IT-Strategy
   2. Enterprise Architecture
   3. Roles and Activities in EAM
3. IT Application Portfolio Management
   1. Application Handbook
   2. Portfolio Analyses
   3. Planning the Application Landscape
4. Architecture Framework: TOGAF
   1. Purpose and Overview on TOGAF
   2. Architecture Development Method (ADM)
   3. Guidelines & Techniques
   4. Architecture Content Framework
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5. Architecture Documentation
   1. Structures, Components, and Interfaces
   2. Processes and Applications
   3. Domain Architecture
6. Architecture Governance
   1. Roles and Committees
   2. Processes and Decisions
   3. Management of Architectural Policies
7. Enterprise Architecture Patterns

7.1 Structures, Components, and Interfaces

1. Processes and Applications
2. Domain Architecture