

Modeling a SABSA® based Security Architecture using Enterprise Architect 13.x

One Day Course Syllabus

Introduction to Enterprise Architect

User Interface

- Desktop layout
- Portals
- Commonly used Views
- Perspectives: Workspace Layouts, Menu, and Ribbon Configuration

Managing Projects

- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Adding Models using the Wizard
- Organizing Models with Views and Packages

Managing Diagrams

- Toolbox
- Creation techniques
- Menu/ribbon options, context menu, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

Creating Diagram Elements

- Creation techniques
- Editing properties
- Drag and drop

Customizing Diagram Element Appearance

- Color, Font, Image
- Layering
- Feature Visibility
- Layout and Alignment

Deleting Model Elements

- Diagram level deletions
- Repository level deletions

Managing Connectors

- Creation (toolbox and Quick Linker)
- Redirection
- Line bends
- Line styles

Managing Package Content

- Package Navigator
- Package Browser/List View (overview)

Tool Configuration

- Defining People
- Defining general types
- Personal and global configuration options

COURSE LEADER

Frank Truyen

is a principal consultant and trainer, with 20+ years of experience in the IT industry as a developer, architect, consultant and manager.

Strong expertise in different modeling notations such as UML®, SoaML™, DDS™, UPDM™, ArchiMate® and BPMN™, allied with his extensive experience in using the Enterprise Architect modeling tool, allows Frank to successfully provide training and consulting services to a broad variety of customers across many industries.

SABSA® Framework

Introduction

Creating a Framework instance

Contextual Architecture models

- Assets (Business Decisions)
- Motivation (Business Risk)
- Process (Business Processes)
- People (Business Governance)
- Location (Business Geography)
- Time (Business Time Dependencies)
 - Requirements
 - Process Events

Conceptual Architecture models

- Assets (Business Knowledge & Risk Strategy)
 - Business Attributes
- Motivation (Risk Management Objectives)
- Process (Strategies for Process Assurance)
- People (Roles & Responsibilities)
- Location (Domain Framework)
- Time (Risk Management Framework)

Logical Architecture models

- Assets (Information)
- Motivation (Risk Management Policies)
- Process (Process Maps and Services)
 - Services Catalog
 - Services Flow
- People (Entity & Trust Framework)
- Location (Domain Maps)
- Time (Calendar & Timetable)

Physical Architecture models

- Assets (Data)
- Motivation (Risk Management Practices)
 - Rule Tasks
 - Rule Flow
- Process (Process Mechanisms)
 - Security Mechanisms
 - Deployment
- People (Human Interface)
 - Access Control Systems
 - Access Control Flow
 - User Interface
- Location (ICT Infrastructure)
- Time (Processing Schedule)

- Component Architecture models
 - Assets (ICT Components)
 - Motivation (Risk Management Tools and Standards)
 - Process (Process Tools and Standards)
 - People (Personnel Management Tools & Standards)
 - Location (Locator Tools and Standards)
 - Time (Step Timing & Sequencing Tools)

Traceability and Navigation

- Overview
- The Relationships window
- The Relationship Matrix
- The Gap Analysis Matrix
- The Traceability window
- Other traceability features

Core Tool Features (as time allows)

Documentation Generation

- RTF/DOCX/PDF generator
- Diagram, Package, and Element options
- Linking generated documents into Microsoft Word
- Model documents
- Master documents
- Generating HTML
- Other features

Document Artifacts

- Creating
- Linked Documents
- External document links
- Document window

Model Searches

- Initiating
- Configuring
- Viewing results
- Custom searches
- Other features

Managing Baselines and comparing models

- Creating baselines
- Administering baselines
- Package comparisons
- Diagram comparisons