

Fundamentals of SOA Governance

Presented by AgilePath Corporation

Training Course developed by AgilePath Corporation

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Course Overview

This training course presents a comprehensive overview of the fundamentals of Service-Oriented Architecture (SOA) Governance. Based on AgilePath's industry leading SOA Governance Playbook™ and our variety of client experiences, this class will provide the attendees with the tools and methodologies to assess, design, and implement an Enterprise SOA governance model to support their SOA requirements. From this class, attendees will be able to design and implement SOA governance for their specific enterprise requirements.

Attendees will receive a student handbook with the course contents, plus a wealth of bonus content and whitepapers. In addition, attendees will receive copies of AgilePath CEO Eric Marks' critically acclaimed books, "[SOA Governance for the Services Driven Enterprise](#)" (Marks, 2008), and "[SOA: A Planning and Implementation Guide for Business and Technology](#)," (Marks and Bell, 2006).

Class Duration: 3 Days

Class Style: Lecture style with workshop activities and plenty of student interaction

Prerequisites: None

Target Audience: All SOA practitioners, IT management, IT Executives, IT Architects, governance practitioners.

Additional Information: This is not a technical class, nor is it a developer class. This course provides a vendor-neutral SOA governance foundation to help accelerate the implementation of an enterprise SOA governance model for any organization.

Course Agenda

Day 1 -- Morning Session

- Housekeeping, Logistics, Agenda Review
- Module 1: Introduction to Governance
 - Definition of Governance
 - Types of Governance, e.g. Corporate, IT, SOA, Architecture, Data
 - Core Elements of a Governance Model (10 elements)
 - Review Governance Reference Model
 - How Governance Reference Model can be used for all governance requirements
 - Governance versus Management Discussion
 - "Styles" of Governance
 - Discussion
- Module 2: AgilePath Four Tier Model
 - Enterprise/Strategic Tier
 - SOA Operating Model Tier
 - Lifecycle Tier
 - Governance Enablement Technology and Tools
 - Review Extended Four Tier Model
 - Discuss Use of Four Tier and Extended Four Tier Model

Day 1 - Afternoon Session

- Review SOA Governance Maturity Model
 - SOA Adoption Model
 - Review Governance Maturity Model
 - Review Funding/Budgeting Maturity Model
 - Review SOA Adoption Maturity Model
 - Discussion
- Module 3: Introduction to SOA Governance
 - SOA Governance versus IT Governance, Enterprise Governance
 - Why SOA Governance is challenging?
 - Blend of Technical and business governance
 - Tendency to address only technical governance
 - Requires multiple policy enforcement mechanisms, e.g. processes, boards and tools
 - Map SOA Governance into 10 Elements of a Governance Model
- Map SOA Governance Against Four Tier Model
- Discussion and Day 1 Wrap Up

Day 2 – Morning Session

- Recap Day 1 , Q&A
- Module 1: SOA Policies
 - Enterprise Policy Modeling
 - Types of Enterprise Policies
 - SOA Policies
 - Policy Taxonomy and Policy Metamodel
 - Design time, QA & Test, Run-time policies
- Policy Enforcement Models and Mechanisms
 - Processes
 - Organizational Models and Boards
 - Tools and Technologies (Day 3)
- Review PP/OT Framework
 - Policy and Process Iteration
 - Policy Enforcement Model (PEM)
 - Processes
 - Organizations and Boards
 - Tools and Technology
 - Policy Enforcement “Fabric”

Day 2 – Afternoon Session

- Module 2: SOA Governance Processes
 - Decompose Four Tier Model
 - Review Governance Process Catalog
- Module 3: SOA Governance Organizational Models
 - Common Organizational Designs and Board Structures
 - Federated Governance Models
 - Enterprise Governance Models
 - Community Governance Models
 - Self Governance Models
 - Organizational Design Best Practices
- Module 4: SOA Governance Enablement Technology and Tools (high-level, more detail Day 3)
 - Overview of SOA Governance Enablement Technology
 - Registries & Repositories
 - Web services Management
 - ESBs and Messaging Infrastructure
 - Security
 - Design-time, QA/Test, Runtime Tools
 - Policy Engines, Business Rules Engines

Day 3 – Morning Session

- Recap Day 2, Q&A
- Putting it All Together: How to Design your SOA Governance Model
- SOA Governance Assessment
 - Maturity
 - Gaps
 - Critical Priorities
- SOA Governance Model Design
 - 10 Elements of Complete Governance Model
 - Policy Modeling
 - PP/OT Modeling Framework
 - Policy Enforcement Models (PEM)
 - Policy Provisioning Model (PPM)
- SOA Governance Implementation Roadmap
- SOA Governance Implementation Planning

Day 3 -- Afternoon Session

- SOA Governance Implementation
- Next Generation Governance Concepts
 - Unified Policy Models
 - Integrated Policy Enforcement Models
 - PP/OT
- Governance Evolution and Change Management
- “Styles” of Governance Revisited
- SOA Governance Best Practices
- Questions and Comments
- Course Evaluations
- Adjourn