

SOA for Managers

SE001

Objectives

- *Understand the basic concepts of SOA and Web services*
- *Understand the benefits, costs, and risks of the SOA approach*
- *Understand the skills, practices, and processes related to creating service oriented architectures*
- *Understand how Web services relate to SOA*
- *Understand issues related to SOA operations*

Introduction

To take advantage of SOA, managers need to understand how the approach can be used to positively impact the business, the basic technology involved, the process changes that a shift to SOA implies, and how to create a roadmap for the broad adoption of SOA. This course provides the background managers need in order to understand SOA and its impact on the organization.

Overview

Service Oriented Architecture (SOA) is a leading technology direction for an increasing number of IT organizations. The approach supports IT's need to respond more rapidly to business changes, integrate systems internally and externally, modernize their architecture, and rationalize application portfolios. Organizations most successful in implementing SOA and Web services will be those that understand the technology fundamentally, but more importantly, understand the new decision matrix that it creates and how these decisions ultimately impact long-term planning.

Audience

This one-day course is designed for IT Managers desiring conversational familiarity with SOA concepts and strategies. A concise presentation of the key SOA ideas will allow time for discussion amongst attendees and the SOA consultant to make the content relevant to the enterprise's current situation and goals .

Prerequisites

None

Class Size and Duration

This one-day course can accommodate up to 12 students.

Course Outline

1. What is Service Oriented Architecture (SOA)
 - SOA definition and brief explanation
 - Principles of service orientation
 - The relationship between SOA and Web services
 - SOA myths and risks

2. The business impact of SOA

- IT/Business alignment
- Process driven and composite applications
- Enterprise-wide integration
- Faster channel/partner integration
- Lower costs through reuse
- Extend legacy lifetime
- Improved 3rd party package integration
- Measuring SOA ROI

3. SOA concepts for managers

- Core Web services standards
- Web services extensions
- Policies
- Contracts
- ESB and application Networking
- Service types

4. SOA activities and process

- Service oriented analysis
- Service oriented design
- Development and change management of SOA
- Role by role impacts and skill requirements
- SOA tool categories and functions
- Educating the team
- SOA governance and practices
- Service identification lab

5. Becoming a Service Oriented Enterprise

- Adoption challenges
- Success stories
- SOA strategy and roadmap
- High level impacts on people, process, and technology

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About MomentumSI

MomentumSI is a leading boutique IT consultancy focused on enterprise transformation. We are known for helping large enterprises quickly and cost-efficiently adopt innovative, agile practices to align business needs with IT processes. We specialize in helping companies incorporate disruptive technologies, including Cloud Computing, DevOps, BPM and SOA.

