



Everware-CBDI Inc
SOA Education Services

Introduction

Everware-CBDI provides consulting and educational services to enterprises and government agencies in the area of service oriented architecture (SOA). The education classes are based on Everware-CBDI research published in the CBDI Journal and practical consulting experience working with major organizations.

Everware-CBDI educational offerings are delivered as Workshops that include discussion based either on the client's own situation or using provided examples.

We welcome discussion regarding customizing workshops to suit specific requirements.

Summary of Current Education Services.

Topic	Format	Education Seminars and Workshops
General Education and Communications	1 Day Seminar	<p><u>The SOA Seminar</u> General Communications Seminar: a one day event providing an overview of SOA for a general audience covering basic concepts, the business case, planning for services, life cycle, infrastructure, organization, roadmap planning and policy setting.</p> <p>Depth: Overview - Level: Introductory</p>
	½ Day Seminar	<p><u>SOA Management Briefing</u> A shorter version of the SOA Seminar addressing strategic business and technology issues including business case and organizational impacts.</p> <p>Depth: Overview - Level: Introductory</p>
Strategy and Planning	5 Day Workshop	<p><u>SOA Adoption Roadmap Workshop</u> A facilitated intensive workshop to assist a cross functional team of managers and specialists to develop phased strategy and plans for SOA implementation. In-house workshop only.</p> <p>Depth: Detailed - Level: Intermediate</p>

Management	2 Day Workshop	<p><u>SOA For Managers</u> An introduction to SOA for managers providing the conceptual understanding plus essential guidance on how to address the SOA challenges relating to integrating new architectural concepts into an organization's processes and practices.</p> <p>Depth: Detailed - Level: Introductory</p>
	1 Day Workshop	<p><u>SOA Governance Practices</u> Guidance on setting policies and managing compliance to ensure adequate governance is applied to SOA delivery.</p> <p>Depth: Detailed - Level: Intermediate</p>
Service Architecture	1 Day Workshop	<p><u>SOA and Business Service Architecture Principles</u> Guidance in the architectural principles necessary to ensure key SOA objectives such as the required levels of flexibility and sharing are met when delivering the Business Service Architecture,</p> <p>Depth: Detailed - Level: Intermediate</p>
	3 Day Workshop	<p><u>Delivering the Business Service Architecture</u> Guidance in developing a Business Service Architecture (BSA) and Service Portfolio Plan (SPP). Includes techniques to identify and describe a portfolio of services, and to create the service reference model (taxonomy, classifications, policies, tactics). <i>Previously Service Portfolio Planning</i></p> <p>Depth: Detailed - Level: Intermediate/Advanced</p>
	1 Day Workshop	<p><u>Preparing Rich Service Specifications</u> Focused workshop provides detailed guidance on how to model and document rich Service Specifications to enable precise contracts between Service Provider and Consumer.</p> <p>Depth: Detailed - Level: Advanced</p>
Business	½ Day Seminar	<p><u>Business Strategy for SOA</u> Provide senior management with an independent assessment of the opportunities for business transformation afforded by service oriented architecture. This class may be tailored for specific industry sectors.</p> <p>Depth: Overview - Level: Introductory</p>

	2 Day Workshop	<p><u>SOA for Business Analysts</u></p> <p>Guidance in business analysis techniques to understand service oriented business design and ensure that delivery of the Business Service Architecture adequately reflects the flexibility and consistency requirements of the business.</p> <p>Depth: Detailed - Level: Intermediate</p>
Project Guidance	5 Day Workshop	<p><u>SOA Fast Track</u></p> <p>The SOA Fast Track combines modules from other workshops in an intensive 5 days of training that provides sufficient depth and breadth to get organizations effective in SOA in as short a time as possible,</p> <p>Depth: Detailed - Level: Intermediate/Advanced</p>
SOA Infrastructure	1 Day Seminar	<p><u>Technology Infrastructure for SOA</u></p> <p>Guidance on establishing the operational and Service lifecycle infrastructure to support SOA providing a framework within which to position and select relevant standards, technologies and appropriate products.</p> <p>Depth: Overview - Level: Intermediate</p>

Audience

Everware-CBDI SOA education is aimed at the following audiences;

- Business Strategists responsible for business design and understanding how SOA impacts or supports the design
- Business Analysts responsible for understanding and modeling business requirements and ensuring they are accurately reflected in the service architecture, and working with IT architects to properly identify the Service Architecture
- IT /Business Architects and Enterprise Architects responsible for delivering the Service Architecture, and setting architectural policies and rules
- IT Program/Project Managers who needs to manage projects that involve the provision or consumption of Services, or are responsible for cross functional activities such as governance, life cycle processes, or infrastructure selection.
- IT Directors and IT strategists who are responsible for setting and managing the SOA strategy and ensuring alignment with Business Strategy
- IT Operations Managers who must provide the operational infrastructure for the SOA and ensure the delivery of Service Level Agreements
- Service Designers responsible for producing detailed Service Specifications

The following table suggests workshops appropriate to this audience

	The SOA Seminar	SOA Adoption Roadmap Workshop	SOA For Managers	SOA Governance Practices	SOA and BSA Principles	Delivering the BSA	Preparing Rich Service Specifications	Business Strategy for SOA	SOA for Business Analysts	SOA Fast Track	Technology Infrastructure for SOA
Business Strategist	Green							Green			
Business Analyst	Green				Green	Light Green		Light Green	Green	Light Green	
IT Director	Light Green	Green						Green			
IT Strategist	Green	Green	Light Green					Green			
IT Architect	Green	Green	Green	Green	Light Green	Green	Light Green		Light Green	Green	Green
IT Program/Project Manager	Green	Light Green	Green	Light Green	Green	Light Green	Light Green		Light Green	Green	Green
IT Governance Managers	Green		Green	Green							
IT Operations Management	Green		Green	Light Green							Green
Service Designer	Green					Green	Green			Green	
	<i>Recommended</i>		Green						<i>Option</i>		Light Green

Education Paths

The following is a path of education for specific audiences showing recommended core modules plus options that provide additional insight and guidance. Alternative are also shown where applicable. Use these recommendations to maximize your SOA education based on your individual needs.

SOA Managers – IT Program/Project Manager, Governance Managers, Operations Management, other senior IT Professional

IT Managers and senior IT professionals who have responsibility for, or peripheral involvement in SOA, but do not require detailed education for hands-on SOA delivery.

Core: 1. [SOA Seminar](#), 2. [SOA for Managers](#).

Options: [SOA and BSA Principles](#); [Technology Infrastructure for SOA](#).

IT Architects and Service Designers

IT architects and Service Designers who are responsible for delivering the Service Architecture and producing Service Specifications.

Core: 1. [SOA Seminar](#), 2. [Delivering the Business Service Architecture](#), 3. [Preparing Rich Service Specifications](#).

Options: [SOA for Business Analysts](#). Alternative: 1. [SOA Fast Track](#), 2. [Preparing Rich Service Specifications](#).

IT Governance Managers

IT Governance management and senior IT professionals who set policies and ensure proper governance over SOA activities.

Core: 1. [SOA Seminar](#), 2. [SOA for Managers](#), 3. [SOA Governance Practices](#).

Business Analysts

Business Analysts who are responsible for delivering business requirements and models that are used as input to SOA activity including Service Architecture and provisioning, and solution delivery.

Core: 1. [SOA Seminar](#), 2. [SOA for Business Analysts](#).

Options: [Business Strategy for SOA](#); [Delivering the Business Service Architecture](#). Alternative: [SOA Fast Track](#).

IT Directors and Senior IT Management

Top IT management responsible for SOA strategy and adoption planning.

Core: 1. [SOA Adoption Roadmap](#).

Options: [Business Strategy for SOA](#); [SOA for Managers](#).

IT Program/Project Managers

Those responsible for managing projects using SOA

Core: 1. [SOA Seminar](#), 2. [SOA for Managers](#)

Options: [SOA and BSA Principles](#); [Technology Infrastructure for SOA](#); [Delivering the Business Service Architecture](#); [SOA for Business Analysts](#). Alternative: SOA Fast Track

The Everware-CBDI Education Difference

The SOA education market is very immature. Much SOA education on the market today fails to address the real needs of enterprises and government agencies who are adopting SOA.

Everware-CBDI has been providing independent SOA guidance to major enterprises through its subscription research, education and consulting for years. Our guidance is NOT warmed over education on Web Services, OOAD, Requirements Management, Use Case Analysis, UML or XML, it is specific to the application of SOA.

Successful SOA is not a result of technology awareness, but getting the right architecture to meet the business needs, and the application of the architecture in projects, processes and organizations together with appropriate governance.

Everware-CBDI Education focuses on providing organizations with,

- A structured approach that can be repeated across the enterprise
- Guidance in the use of sound architectural principles that provide the stable foundation for SOA, rather than just focusing on the use of transient service technology that rapidly changes
- An independent view, free from vendor bias
- The insight of industry experts with decades of experience in developing and delivering practice guidance
- Guidance for architects, business analysts, project managers and other IT management, not just developer level.
- Best practice, hands-on exercises, templates, worked examples and case studies, not just concepts and theory
- Guidance and best practice that has been applied in real customer engagements

Schedule

Education classes are delivered on both scheduled public and in-house basis. See the current schedule of public events on line, prices and register at:

<http://www.cbdiforum.com/public/events/?show=CBDI>

To find out more, and to discuss public and in-house education contact Everware-CBDI at:

info@everware-cbdi.com

There are discounted prices for corporate subscribers to the CBDI Forum.

SOA Seminar

A One Day Seminar for managers and senior IT professionals

Introduction to SOA Concepts; Business Case; Architecture; Organization and Process; Infrastructure; Roadmap

Introduction

Service Oriented Architecture (SOA) is being hailed as huge breakthrough in software engineering, impacting development, operations and even the way the business is run. If you don't fully understand what it is and what it can do for your enterprise, you risk being left behind. This workshop will give you the opportunity to get that understanding: everything you want to know about SOA but were afraid to ask, illustrated through real case studies, patterns and best practice

This is not a technology or product-driven seminar. It helps participants understand the broad impact of SOA, the benefits SOA offers the business and IT plus the actions they must take to realize them, together with an understanding of where to start developing the roadmap for SOA adoption.

Audience

Business Strategist , Business Analyst, IT Director, IT Strategist, IT Architect, IT Program/Project Manager, IT Governance Managers, IT Operations Management, Service Designer, other Senior IT professionals,

Objectives

Gain good understanding of SOA concepts and how they may apply to an enterprise. Understand the business case for SOA and the architecture, organizational change and infrastructure investments that are required to deliver ROI.

Duration: One Day, or half-day senior management briefing

Outline Agenda: The topics to be covered include:

Concepts	Introduction to Services and Service Oriented Architecture
Business Case	Understanding the justification and ROI for SOA Case studies SOA Benefit Patterns
Business Service Architecture	Using layered Services Architecture for flexibility and sharing Service identification approaches Avoiding Service Anarchy
Organizing for SOA	Optimizing and adapting organizational structures to benefit from SOA The SOA Process and SOA Governance
Infrastructure	Establishing the operational infrastructure to support SOA Deployment and the Service Lifecycle capabilities
Roadmap	Managing the transition to SOA

SOA Adoption Roadmap Workshop

A Three to Five Day Workshop for Managers and Architects

An intensive workshop to understand the scope and deliver an outline plan for SOA adoption

Introduction

The introduction of SOA into an enterprise can be quite far reaching. The basic objective of the Everware-CBDI SOA Roadmap Planning Methodology is to simplify this task by focusing enterprise change management activities in two dimensions – time and subject matter.

Audience

CBDI recommends that workshop delegates should include both business managers (or account managers) and IT managers responsible for decision making in this area. Ideally a group should be less than 12 delegates, but higher numbers can work with adequate preparation.

Objectives

An intensive planning mechanism to assist an enterprise to provide a level set for key managers and to facilitate the rapid development of first cut strategy and plans. The objective of the workshop is not just to learn about SOA Roadmap Planning but to deliver that first cut strategy and plan.

Outline Agenda: The topics to be covered include:

Current/Mature State Analysis	Assessment of relevant issues and opportunities
SOA Objectives	Key reasons for moving to SOA, short term, long term.
Architecture and Design	Develop outline architectural response – options and choices
Policy development	Standardization, Customization, Architecture and Design policy, Sourcing, Solution Life Cycle Management . . .
Develop SOA strategy	Define overall direction and phasing, confirm major policies and implications
Organization, Governance	Identify impact of new and separated roles, assembly etc
Roadmap Outline	Develop outline roadmap, complete high level Roadmap Diagram with key actions and states by Phase and Stream

SOA for Managers

A Two Day Workshop for IT and appropriate Business Management

SOA Adoption Planning, Organizational Impact, Business Case, Process, Governance, and Project Management

Introduction

SOA is not just technology. Delivering the full objectives of SOA may require careful planning addressing organizational and cultural change plus new funding and ROI mechanisms, together with adoption of new architectural principles and software engineering techniques and processes.

Whilst the SOA Seminar provides conceptual understanding and the big picture, SOA for Managers goes to a deeper level of detail identifying specific management activities and responsibilities to affect the transition, and ensure ongoing governance over the broad scope of SOA activities.

Audience

Business Analyst, IT Strategist, IT Architect, IT Program/Project Manager, IT Governance Managers, IT Operations Management, Service Designer, other Senior IT professionals

Objectives

Understand the management activities and responsibilities needed to establish SOA within an organization.

Outline Agenda: The topics to be covered include:

SOA Adoption Planning	SOA Maturity Assessment Roadmap Planning
Business Service Architecture	SOA Reference Model Layered Service Architectures The value and impact of Service Architecture
Organizing For SOA	Optimizing for SOA Supplier/Consumer Separation Roles and Responsibilities Fostering a Service Oriented Culture Effecting Organizational Change Skills development
Preparing The Business Case For SOA	Understanding SOA Costs and Benefits Funding and ROI Charging Mechanisms
The IT Process For SOA	Service Engineering Business Participation Planning the Service Portfolio
Achieving Effective SOA	Setting SOA Policies

Governance	Managing Compliance The Service Lifecycle
SOA Infrastructure	Operational and Life Cycle Infrastructure for SOA Service Mediation, Security, and Management
Project Management For SOA	Project Profiles Provisioning Projects Solution Projects Managing Federated Development

SOA Governance Practices

A One Day Workshop for IT Management

Service Life Cycle Governance; Policy Setting and Compliance Testing; Governance Technology and Infrastructure

Introduction

Achieving the benefits associated with SOA does not happen by accident. Inadequate governance can result in service anarchy where provision and consumption of Services not only fails to deliver SOA objectives, but may also have consequences on business governance.

Using the framework of the Service Lifecycle, this workshop provides guidance in how to exercise appropriate governance over various SOA activities across both the development/delivery and operational stages for both Service Provider and Consumer. This includes managing services and their associated artefacts as assets throughout the lifecycle, the setting of various policies appropriate to each lifecycle state and considerations of how and when to ensure compliance.

Audience

IT Architect, IT Program/Project Manager, IT Governance Managers, IT Operations Management

Objectives

Understand the Service Lifecycle and the types of policy associated with each lifecycle state. Relate SOA governance to broader IT governance. Understand the roles and responsibilities of different participants throughout the Service Lifecycle.

Outline Agenda: The topics to be covered include:

SOA Governance Framework	Context for SOA Governance SOA Governance and IT governance
The Service Lifecycle	From Planning to Retirement
Policy Setting	How Strategies, Tactics, Policies and Rules relate to the Service lifecycle Making Policy Assertions Policy Management

Policy Compliance	Managing lifecycle state through policy compliance Compliance Points Compliance Testing
SOA Governance Infrastructure	Automation and tool support Role of Configuration, Change and Asset Management Role of Registries and Repositories Service Management
Organization	Roles and Responsibilities

SOA and Business Service Architecture Principles

A One Day Workshop for Architects and IT Management

Introduction to SOA Principles; Business Service Architecture and Service Portfolio Planning Principles

Introduction

This workshop enables participants to understand and apply SOA principles necessary to ensure the Business Service Architecture delivers the required levels of flexibility and sharing and other SOA objectives.

Service Portfolio Planning techniques taught in the 3-day Business Service Architecture workshop provide detailed guidance and hand's on exercises in the planning and delivery of Business Service Architecture. This introductory workshop provides an understanding of the BSA process and how SOA principles guide this activity

This workshop provides sufficient depth for IT managers who have responsibility for the delivery of Business Service Architectures, and others who may not themselves fully participate in the Service modeling and specification activities.

Audience

IT managers who will supervise the architecture and delivery of business services, those who require an understanding of the SOA principles and BSA process but who may not necessarily be full-time participants in BSA projects.

Objectives

Enable management to participate in SOA activities at the Business Service Architecture and Service Portfolio Planning level, and to correctly set project requirements and objectives, plus measure compliance of deliverables with BSA principles.

Outline Agenda: The topics to be covered include:

Principles of SOA	Loose Coupling; Standardization; Abstraction; Composability; Modularity; Virtualization
Principles of BSA	Layered Architecture Service Type Classification

	Service, Implementation and Deployment Views
BSA Process overview	Service Portfolio Planning techniques Service Identification Policies and Tactics

Delivering the Business Service Architecture (DBSA)

A Three Day Workshop for Service Architects: *Previously Service Portfolio Planning*

The Workflow for Planning Software Services; Techniques for Planning, Identifying and Describing Business Services

Introduction

This workshop walks the delegates through the techniques of Service Portfolio Planning in order to deliver a Business Service Architecture – from business models to service descriptions described at the service, implementation and deployment views. In this workshop delegates receive training in several techniques to support the identification of Service from relevant business models, and how to place and classify them within a layered Service Architecture that provides flexibility and sharing.

Audience

Business Analyst, IT Architect, IT Program/Project Manager, Service Designer, other Senior IT professionals involved in delivery of Service Architecture

Objectives

Understand the work flow for Service Planning and learn about the essential deliverables. Learn a set of practical techniques for identifying the Services that are required, and practice the essential techniques.

Pre-requisites

Good understanding of SOA concepts and principles, as taught by Everware-CBDI. For example prior attendance on the SOA Seminar would be a recommendation for those not familiar with Everware-CBDI guidance.

Outline Agenda: The topics to be covered include:

Understanding Business Service Architecture
Introduction to Service Portfolio Planning activity
Modeling Business Types, Business Process and Business Capabilities
Service View - Identifying Core Business Services, Process Services, Capability Services and Services for Other Layers
Defining Policies for Architecture and Design
Customizing & Standardizing approaches

Preparing Service Descriptions and Specifications
Implementation View - Planning Automation Units
Deployment View - Planning Service Distribution

Preparing Rich Service Specifications

A One Day Workshop for Service Architects

Introduction

Delivering a rigorous Service Specification is essential to SOA. The Service Specification should form the contract between Service Provider and Consumer, as well as between the Service and the implementation that supports it.

Service description languages such as WSDL provide an accurate operational signature but do not convey the complete specification and models necessary to fully convey what capabilities the Service provides, the behavior of operations and their pre- and post-conditions that must be fulfilled in order to meet the contractual obligations on all participants. It is also necessary to specify not just the functional but also non-functional requirements so that all forms of contracts can be established and met, including Commercial, Quality of Service and Service Level Agreements (SLA).

Audience

IT Architect, IT Program/Project Manager, Service Designer, other Senior IT professionals responsible for Service Specification

Objectives

Using the CBDI Forum Service Specification Template and walking through examples, delegates learn how to model and document rich Service Specifications.

Outline Agenda: The topics to be covered include:

Service concepts and Service Meta model
Service Properties
Quality Requirements
Standards Conformance
Operational Signatures
Message Sequences
Information Model
Operation Specifications
Defining pre and post conditions
Implementation Instructions

Deployment Instructions
Managing Service Specifications and specification history

Business Strategy for SOA

A Half Day Workshop for Senior Management

Modeling the Service-Based Business; Service-Based Business Design; Delivering Relevant Business Agility

Introduction

SOA is not just an IT response to business requirements. The availability of SOA can also change business requirements, enabling improvements in business design and business processes, or even radical change for competitive advantage. The Service concept is something that can equally be applied to business thinking, not just IT architecture.

This workshop is intended to stimulate thought and discussion. It uses case studies and examples that also demonstrate general principles.

Note: This workshop can also be tailored to specific industry audiences

Audience

Business Strategist , Business Analyst, IT Director, IT Strategist

Objectives

Provide top management with an independent assessment of the opportunities for business transformation afforded by the latest technologies

Outline Agenda: The topics to be covered include:

Business Agenda	Business unbundling, including outsourcing - Towards the loosely coupled enterprise Capability-based strategy versus customer-centric strategy - Balancing efficiency with agility
Technology Agenda	Service-Oriented Computing Software as a Service - Virtual Computing and Grids
Convergence between Business Agenda and Technology Agenda	Business-Driven Computing - imposing business notions of value onto IT management Service Governance - aligning technical policies (such as security) with business policies (such as mass customization). Management of complexity
SOA for Vertical Industries	Worked examples from the commercial and public sector

SOA for Business Analysts

A Two Day Workshop for Business Analysts and IT Architects

Understanding Business Requirements to optimize SOA; How SOA influences Business Design; Delivering Relevant Business Adaptability, Interoperability and Standardization

Introduction

This workshop guides participants in how to understand business requirements in order to maximize the potential of Service Oriented Architecture. It also examines how SOA can influence business design to create new business opportunities.

SOA creates opportunity for greater business process adaptability and cost reduction through the improved structure, managed standardization, sharing and customization of Services. In order to realize the benefits of SOA these architectural characteristics must be based on an appropriate understanding of business strategy and requirements.

This workshop provides methodology and guidance in business analysis techniques to understand service oriented business design and produce deliverables that establish business IT convergence for SOA and guide production of the Service Portfolio Plan.

It also provides a basis for refining the models used to create the business service architecture. This is particularly important when existing models are used as input to the BSA.

Audience

Business Analyst, IT Architect, IT Program/Project Manager , other Senior IT and business professionals involved in business modeling and capturing business requirements for SOA

Objectives

For business managers and analysts to understand how SOA can influence business design opportunities and how in turn business design drives requirements for SOA. To understand key governance criteria for delivery of information solutions that properly reflects the business requirements for adaptability, standardization and customization. For architects, program managers and senior developers to understand how business requirements should be established and communicated to provide a systematic basis for SOA governance.

Introduce and explain the basic analysis concepts and how they are related. Introduce techniques for producing deliverables using these concepts.

Provide the SOA context for business analysis – giving examples of how deliverables are used for service-based business design and service-oriented system design. Provide methodology for developing input to SOA based policy and business requirements.

Pre-requisites

Good understanding of SOA concepts and principles, as taught by Everware-CBDI. For example prior attendance on the SOA Seminar would be a recommendation for those not familiar with Everware-CBDI guidance.

Attendees should have basic modeling experience. Note this workshop does not teach basic modeling techniques, rather it provides guidance on how business models are used and varied in order to drive SOA based activity.

Outline Agenda: The topics to be covered include:

Understanding Business Capability. The Service Portfolio is derived (in part) from the set of capabilities offered by, and used by the business. Business Analysts need to provide the Service Planners with

- Event-Response Analysis - relationships between events, capabilities and responses
- Capability Analysis – understanding of the correct granularity of capabilities, and dependencies between them in order to ensure the SOA reflects the degree of coupling inherent in the business
- Business Semantics Internal - understand the business at a semantic level in order to better identify opportunities where Services and capabilities can be shared across the organization
- Business Semantics External - understand the Business Semantic models used by other parties in order to deliver interoperability
- Business Outcomes - describe Services in terms of their post conditions – i.e. the outcome of an activity. Business Analysts also need to understand that the business goal of the Service Consumer can be broader in scope or different to the perspective of the individual Service provider
- Differentiated Response - understand where a Service can provide differentiated behaviour in response to different contexts.

Understanding Business Processes. Service-based Solutions are derived (in part) from an understanding of the business process. The understanding of business processes and solutions also provides another mechanism to understand business capabilities. Business Analysts need to provide Service Planners and Solution Architects with

- Process Collaboration - understand the activity between the participants in a collaborative process in order to identify the Services that need to be orchestrated (by each party) in order to achieve the desired outcome
- Business Process Management - understand where there is flexibility in the process to provide or consume alternative Services, and how to drive Service selection through policies

Business Design. Understand the business model and strategy in order to make provisioning decisions, build flexibility into the SOA, and prioritize Service delivery.

Business and SOA Value. Justifying investment in SOA and Service-based solutions to business and IT stakeholders

SOA Fast Track

A five day intensive workshop designed to get delegates active in SOA delivery in as short a time as possible

Combining modules of other SOA workshops

Introduction

To initiate SOA projects, organizations often require workshops that cover a range of topics, yet still provide sufficient depth to make the project team effective. The varied nature of the projects we encounter means that there is no fixed agenda for a SOA Fast Track, rather it is assembled to meet the customer's individual need.

Audience

Business Analyst, IT Architect, IT Program/Project Manager, Service Designer, other Senior IT professionals involved in delivery of Service Architecture

Objectives

The objective is to combine workshop modules that cover the range of topics needed to support the project, whilst also ensuring sufficient depth to commence immediate work on SOA delivery

Example Agendas: Recent SOA Fast Tracks combined modules from the following workshops

- Agenda for a team of Enterprise Architects tasked with delivering the Enterprise Service Architecture and specifying shared Enterprise Services
 - Day 1: SOA Principles
 - Day 2-4: Delivering the Business Service Architecture (DBSA)
 - Day 5: Preparing Rich Service Specifications
- Agenda for a team responsible for adoption planning
 - Day 1: SOAS and Principles
 - Day 2: DBSA
 - Day 3: am Technology Infrastructure for SOA; pm SOA Governance
 - Day 4: am Organizational impact; pm Adoption Roadmap Planning
 - Day 5: Adoption Roadmap Planning (cont)

Technology Infrastructure for SOA

A One Day Workshop for IT managers, architects, and operations

Operational Infrastructure for SOA; Service Lifecycle Infrastructure for SOA; Marketplace

Introduction

This workshop provides guidance on the selection and deployment of the infrastructure required to support SOA. It provides a framework and architectural models for assessing the capabilities required and the deployment options available. It considers how the provision of infrastructure should be matched to the requirements of the SOA Maturity Model. As well as providing a view of the SOA Infrastructure marketplace it also considers the role of existing infrastructure.

Audience

IT architects, IT operations managers, IT Managers with responsibility for technology and product selection and deployment

Objectives

Provide understanding of the technology, platforms and tools required to support SOA, including support for governance across the Service Lifecycle, the role of the Enterprise Service Bus (ESB) and the requirements for managing Services and meeting Service Level Agreements.

Outline Agenda: The topics to be covered include:

SOA Concepts	Understanding of core SOA concepts and how they drive the requirements for technology Infrastructure
SOA Infrastructure Architecture	SOA Operational Infrastructure Framework The Service Processing Pipeline and deployment Options The role of WS-protocols and other relevant standards
Service Mediation, Orchestration and the ESB	Providing run-time agility and connectivity The role of ESB and Mediation
Service Provision	Hosting Services Providing Quality of Service, scalability, and reliability
Service Security	Responding to SOA Threats Enabling Federated security SOA Security standards and Frameworks
Service & System Management	Correlating business, service and system level activity Managing SLA
Service Lifecycle Infrastructure	Service Registry Asset Management Lifecycle Governance