

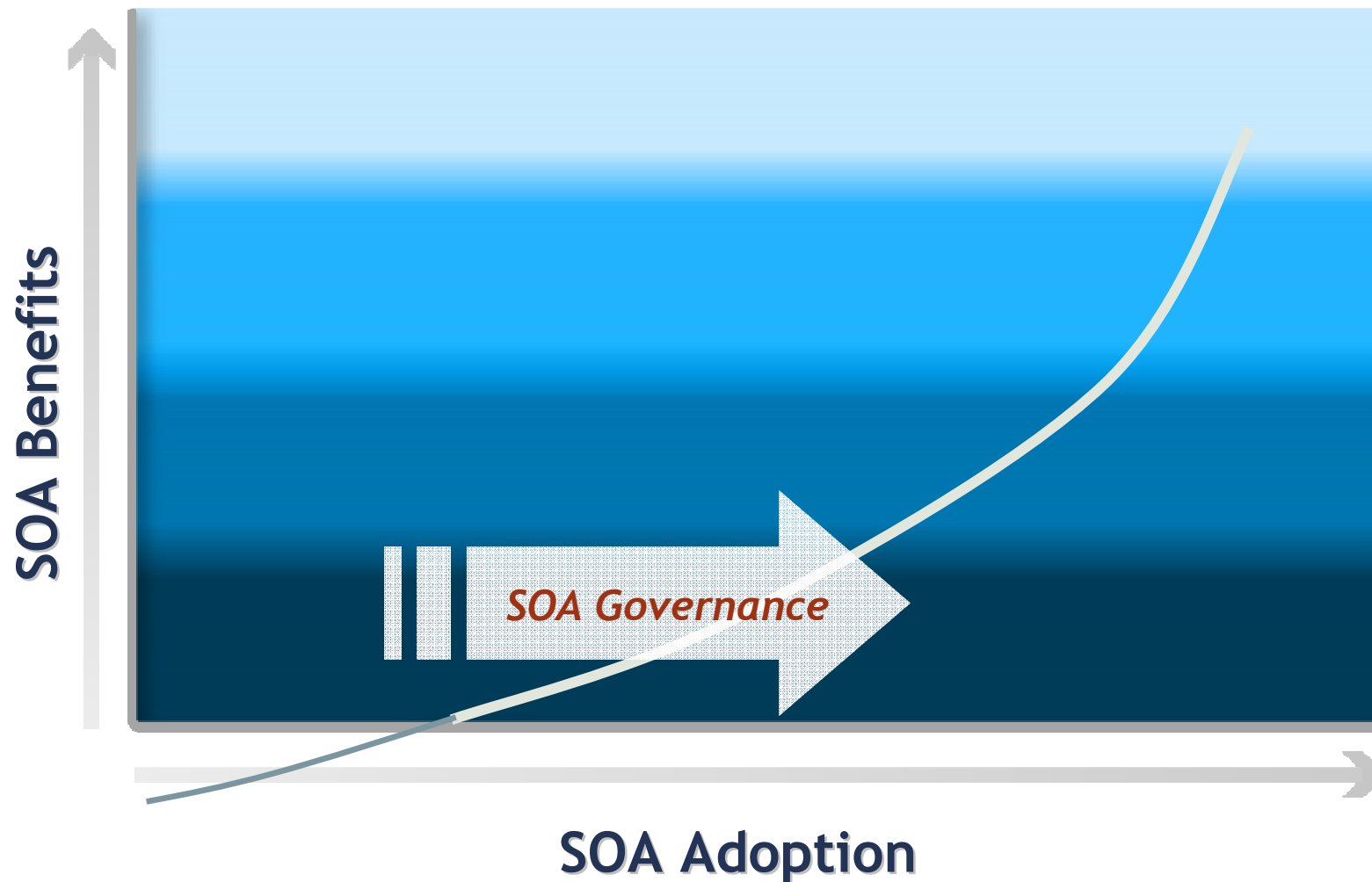


The Road to SOA Governance

Jignesh Shah
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Software AG

GET THERE
FASTER

SOA success depends on effective Governance



Defining and deploying governance can be challenging

**When do I need SOA
Governance?**

How will Governance benefit
my company?

Who should be involved?

What is the scope of SOA Governance?

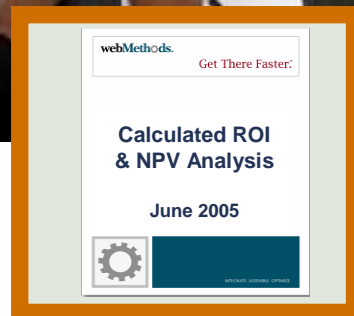
Where should I start?

Will peoples roles change?

How do I justify
investment in SOA
Governance?

How can a governance solution help?

SAG's extensive products and services can help you



Follow the SAG roadmap for success with SOA Governance



Understand what role Governance will play in your SOA Initiative



SOA Master Classes

Understand best practices in SOA management and learn how to leverage its business value.

WHO ATTENDS

- Enterprise Architects
- Project / Group Managers
- Directors, VPs of IT

WHAT THEY LEARN:

- SOA Governance
- SOA Adoption Patterns
- Implementation Approaches
- Overcoming Organizational Roadblocks
- Funding Strategies
- Case Studies



The slide is titled "SOA Master Class Agenda" and is for a session in Chicago on August 2nd, 2007. It is sponsored by Herzum Software. The agenda is divided into three main sections: Registration, Lunch, and a final Break. The Registration section includes a welcome and overview, followed by SOA Foundation Concepts. The Lunch section includes a talk on the politics and money of SOA projects. The final section includes a presentation on the Software Factory Approach for SOA and a demonstration.

SOA Master Class Agenda

Chicago | August 2nd, 2007

Sponsored by:

 HERZUM SOFTWARE

Registration

- Welcome & Intros - Software AG | webMethods Overview
- SOA Foundation Concepts

Break — 15 minutes

- Services Enablement
- SOA Lifecycle Governance

Lunch

- The Politics and Money of an SOA Project

Break — 15 minutes

- Software Factory Approach for SOA
Presented by Herzum Software
- Demonstration

SOAMasterClass.com - a Forum for SOA Education and Best Practices

- ↳ Educational Curriculum
 - ↳ Foundation
 - ↳ Governance
 - ↳ Business
 - ↳ Validation & Testing

- ↳ Blogs
- ↳ Podcasts
- ↳ White papers
- ↳ Analysis
- ↳ Tutorials



The screenshot shows the SOAMasterClass.com website interface. At the top, there is a navigation bar with the site name and a 'BETA' badge. Below the navigation bar, there are three main sections: 'Enroll' (Register today for a free webMethods SOA Master Class in your region), 'Explore' (Download Research Papers from the ZapThink Library), and 'Download' (INFRAVIO X-Registry SOA Master Class Edition). A 'Main Menu' sidebar on the left lists: Home, Foundation Curriculum, Governance Curriculum, ZapThink Library, SOA Events, My Tools, and Help. The main content area features a 'WELCOME TO SOA MASTER CLASS ONLINE' message with a profile picture of Miko Matsumura and a welcome message. Below this, there is a search bar and a list of tags including: applications, architecture, capabilities, challenges, computing, enterprise, enterprises, establishing, evaluation, foundation, governance, implementation, implementations, interoperability, itbizalignment, lifecycle management, methodology, opportunities, organization, organizations, organizations, repository, soa. At the bottom, there is a 'SOA Master Commentary' section with a link to 'SOA Masters >> Neil Ward-Dutton' and the text 'YET MORE SOA DOCUMENTS'.

Educational Webinars & Whitepapers



- 12+ Webinars and counting
- Sampling of Topics
 - SOA Adoption: The Human Factor
 - Practical SOA Governance
 - The SOA Governance Lifecycle



- 15+ Whitepapers
- Sampling of Topics
 - The Value of SOA Governance
 - The Definitive Guide to SOA Governance and Lifecycle Management
 - Enabling Sustainable Success with SOA

SOA Value Assessment Report

- How you can use SOA and BPM to drive business optimization
- Analyze how Governance can improve your SOA
- Initialize a business case to justify your investments



Determine how a Governance solution accelerates SOA adoption



Free CentraSite Community Edition



The screenshot shows the CentraSite Enterprise Edition web interface in Internet Explorer. The browser address bar shows the URL: `http://vmlas01w3k:53307/PluggableUI/Servlet/StartCISPage?PAGEURL=/PluggableUI/Login.html`. The user is logged in as `vmlas01w3k\administrator`. The main content area displays the details for a service named "UDDI Publish API Services".

Service: UDDI Publish API Services

General

- Name: UDDI Publish API Services
- Type: Service
- Description: Web Service supporting UDDI specifications
- Provider: NodeBusinessEntity
- WSDL:

Operations

Classified by

- Category: Service

Technical Properties

- Owner:
- Status: submitted
- Subtype: dynamic

An "About" dialog box is open, showing "Registered Plug-Ins":

Plug-in	Vendor	Version
Plug-in	Software AG	3.1.0.0-20 (2007-08-30T16:55:44)
CentraSite Control	CentraSite	3.1.5.0 - 5004
System Management Hub	Software AG	4.1.1.59

The taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 10:08 AM on 10/08/07.

CentraSite Governance Edition Trial



CentraSite GE - Asset Catalog - Windows Internet Explorer

http://zeta:2020/c/portal/layout?p_l_id=PRI.15.3

CentraSite GE - Asset Catalog

CentraSite™ Governance Edition Administrator My Account About Log Out

Home Asset Catalog Policies Administration Operations Reports

My Assets Browse Catalog Supporting Documents

My Assets
Create new assets and manage assets in the catalog that belong to you (and to your organization). To add an asset to My Assets [Add an Asset...](#)

MY ASSETS

Delete

	NAME	TYPE	VERSION	DESCRIPTION	PUBLISHED	DEMO
<input type="checkbox"/>	CreditCheck	Web Service	1.0.00		2007-08-27 3:28 PM	-
<input type="checkbox"/>	Sample Service	Web Service	1.0.00		2007-08-28 6:34 AM	-
<input type="checkbox"/>	uddi_v2	XML Schema	1.0.00		2007-08-30 5:06 AM	-
<input type="checkbox"/>	testasset	Web Service	1.0.00		2007-08-27 10:37 AM	-
<input type="checkbox"/>	uddi_v2.xsd	XML Schema	1.0.00		2007-08-30 5:06 AM	-
<input type="checkbox"/>	xml.xsd	XML Schema	1.0.00		2007-08-30 5:06 AM	-

All time GMT (GMT 0) Powered by **webMethods.**

Done Local intranet 100%

Learn how to fund investment in SOA Governance

Webinar

Overcoming the
Funding Challenges of
SOA



Whitepaper

Justifying & Funding
Your SOA Project: SOA
Benefits & The Role of
Governance

Roll out Governance in phased manner



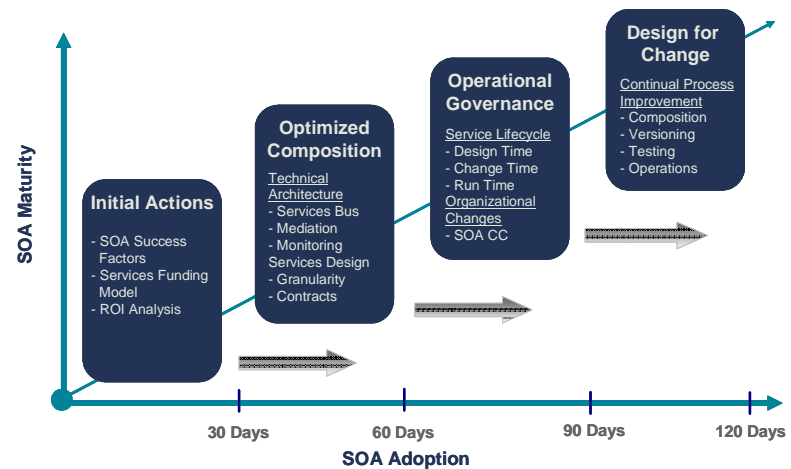
Plan for a roll out

SOA Accelerator PS Engagement

Conduct evaluation based upon industry trends, best practices, and our experience in the following areas:

- Technology
- Organization
- Governance Processes

Actionable recommendations executed in 30, 60, 90, and 120 day increments.



Rollout Governance in a Phased Manner



Enable Reuse



Manage the SOA
Runtime



Enforce
Consistency &
Quality



Repeat across
Orgs

1

Enable Reuse

- Reuse is the biggest driver to bring in a registry
- Service Information: Technical and Business
- XML, Documentation and Binary artifacts
- Flexibility of the metadata model is a plus

Sample Policies

All Services must be published into the registry in order to enable reuse

All Consumers must register themselves in order to gain access to service WSDL's

Department X cannot use Services belonging to the System A

Network Operators will view Services Categorized by Host

All Web Services Clients must lookup the latest endpoint from the registry

2

Manage the SOA Runtime

- Why are Web Services any different
- Management (Up or Down, Alerts)
- Logging and Monitoring
- Security
- Evolution of the Web Services Management Marketplace
- Introduction of the intermediary driven by Metadata

Sample Policies

Any Service exposed to the internet must be secured by WS-Security parameters

All Service messages coming from Consumer X must be logged

If Service X goes down, Group A needs to be alerted ASAP

All Services hosted in Environment X need to be monitored in real time

Service X cannot be upgraded without backward compatibility

3

Enforce Consistency & Quality

- Classical QA, tailored to an SOA
- Combination of automated and manual testing
- Examples include validation, approval, promotion
- Collectively called “Design and Change Time”
- Most important lifecycle stages - versioning and promotion

Sample Policies

All Services must adhere to naming convention {system}.{name}.{version} and namespaces by {co}.{ns}

Service schemas must be validated by my own in house tool

All Services published to Consumer X must be WS-I Compliant

Any service being promoted from Dev to Stage must be approved by a QA Manager

Services in Production cannot be modified by the owner of the service (Sarbanes Oxley)

4

Repeat across Organizations

- Security: Who can see/edit what, when and why?
- Clear handover of responsibility (custody transfer), reporting
- Federation: Zones of delegation
- Role based access: Consumer and Provider Orgs
- Branding: Intranet, Extranet and Trusted Partners

Sample Policies

Org X can only Consume Services while Org Y can publish and Consume Services.

Nobody in Org X can execute sample transactions for Demo

Provider Org X can publish policies for all other Orgs but Provider Org Y can only govern its own policies

External partners see a different GUI than internal developers

Org X browses Services through ETOm but Org Y browses through back end system taxonomy

Summary



Closing slide - Thank You!

GET THERE
FASTER