

SOA Experiences from the Front Line

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Take Credit Code: LINEXP

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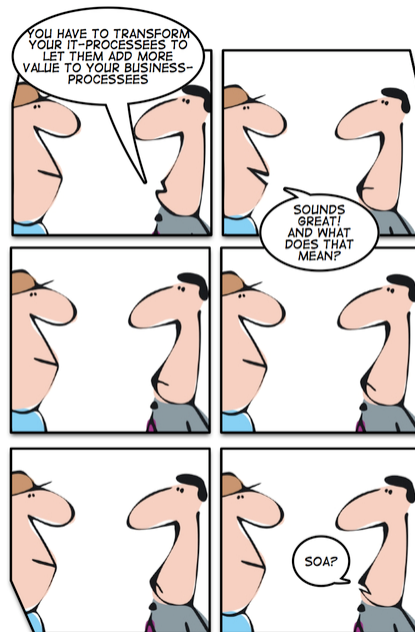
The Basic Idea

- SOA at a high level is well defined.
- However, the procedures, approaches, tools, technology, to-dos, and expected results are not.
- In this session we'll learn how to view your problem domain holistically, and how to break it down to its component parts, building it up again into a functional SOA that will pay for itself in the shortest period of time.

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THE CONSULTANTS HANDBOOK PART 1: GEEK AND POKE
WHAT TO DO WHEN YOU REALLY HAVE NO CLUE
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Current Issues

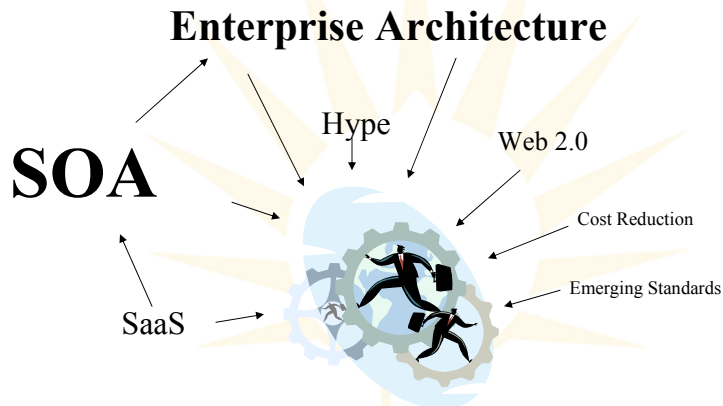
- Competing frameworks/approaches
 - Zachman Framework
 - Gartner/Meta Group
 - Open Group's TOGAF (SOA Reference Architecture)
 - Vendors (IBM, Oracle, BEA, etc.)
 - Roll-your-own
- Hype-driven confusion (e.g., "SOA 2.0")
- Lack of leadership
- Processes moving outside of the firewall
- Departments operating independent of oversight
- More enterprise applications are Web-delivered
- Technology as a business advantage and cost saving mechanism

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Understanding the Forces at Work



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EA and SOA...Let's Face Facts

- There seems to be two worlds out there, the world of enterprise architecture and the world of SOA.
 - *"The funny thing is that those in each world thinks that they can do the other world's jobs."*
 - *"The end result...there is not a lot of synergy there yet."*



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More good news...

Some traditional enterprise architects have not done a stellar job in understanding the opportunities within SOA, **generally speaking**, and the SOA guys have not figured out how SOA meshes with existing enterprise architecture standards, notions, and practices, **again generally speaking**.



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State of Things

The survey was of 196 Information Technology (IT) decision makers.

"Indicators point to the fact that IT professionals **overwhelmingly support the SOA concept** with 56 percent reporting they **believe their company would benefit from a SOA**. Among those who have experienced a SOA implementation, 73 percent would **recommend other companies follow suit and adopt a SOA approach.**"

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But, there is Reality

- Hype is huge, and management by magazine is the way of the world these days.
 - “I got to git me one of them SOAs”
 - “A SOA will fix that.”
 - “SOA 2.0”
- Bad practices:
 - Selecting technology before understanding your requirements and needs.
 - Not linking back to accepted EA best practices.
 - Not creating a business case.
 - Using the wrong people.
 - Lacking funding and empowerment.

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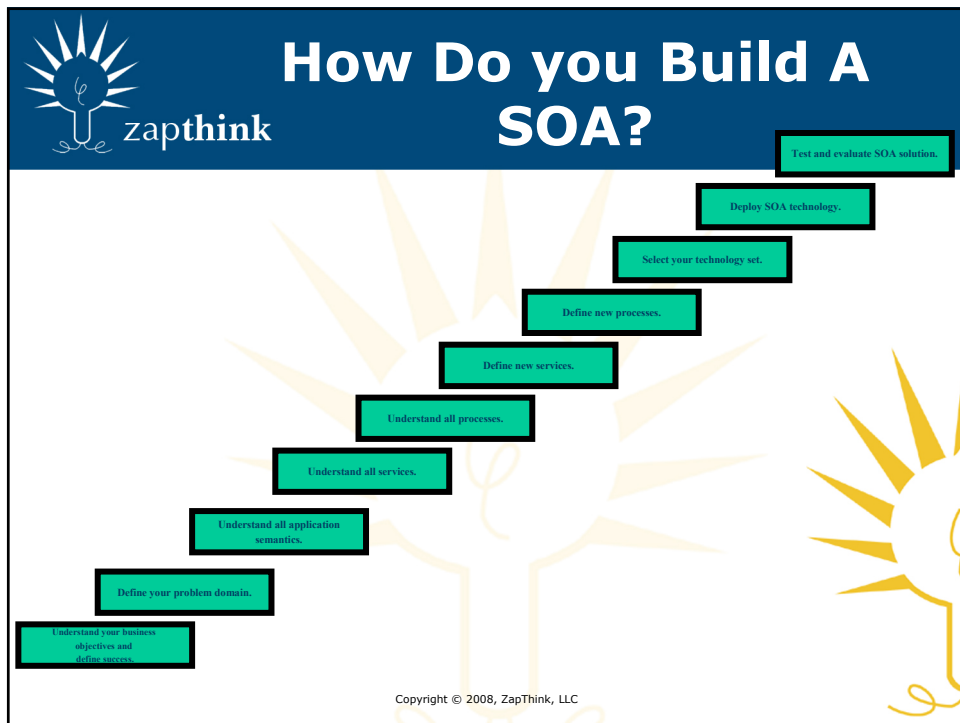
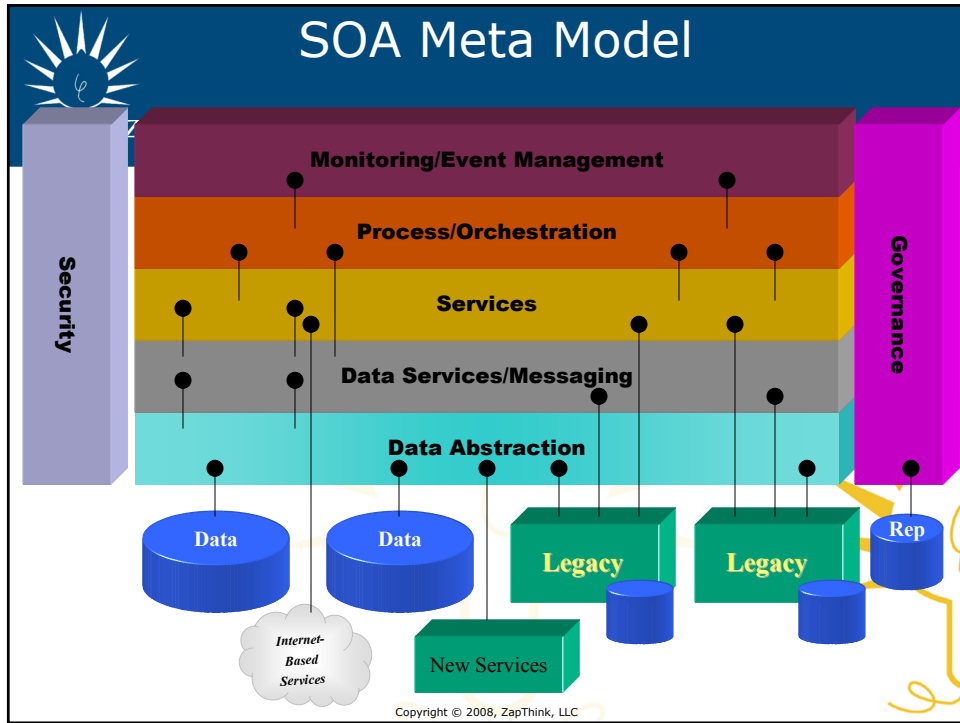


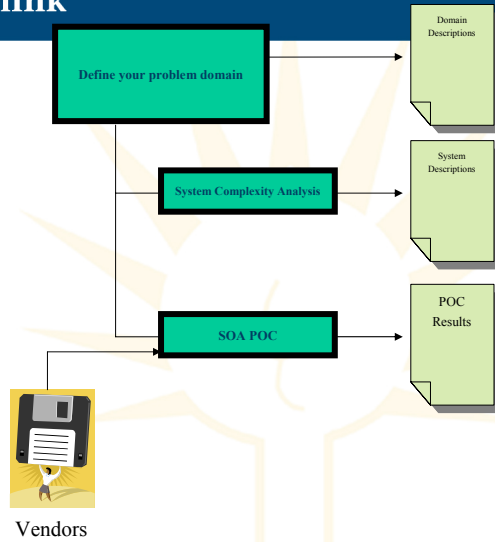
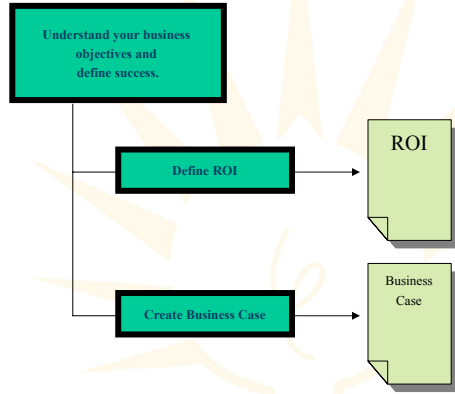
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So, Why SOA?

- Improved Adaptability and Agility
 - Respond to business needs in near real-time
- Functional Reusability
 - Eliminate the need for large scale rip and replace
- Independent Change Management
 - Focus on configuration rather than programming
- Interoperability instead of point-to-point integration
 - Loosely-coupled framework, services in network
- Orchestrate rather than integrate
 - Configuration rather than development to deliver business needs

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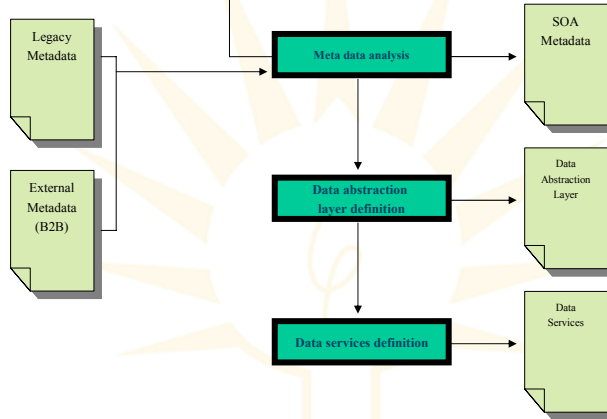






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Understand all application semantics in your domain.

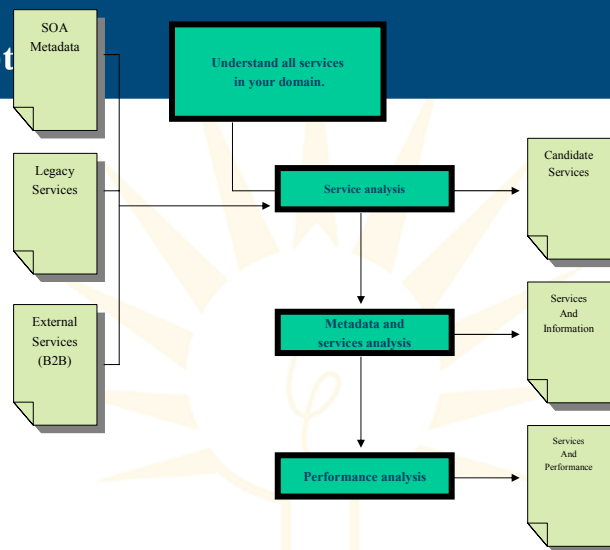


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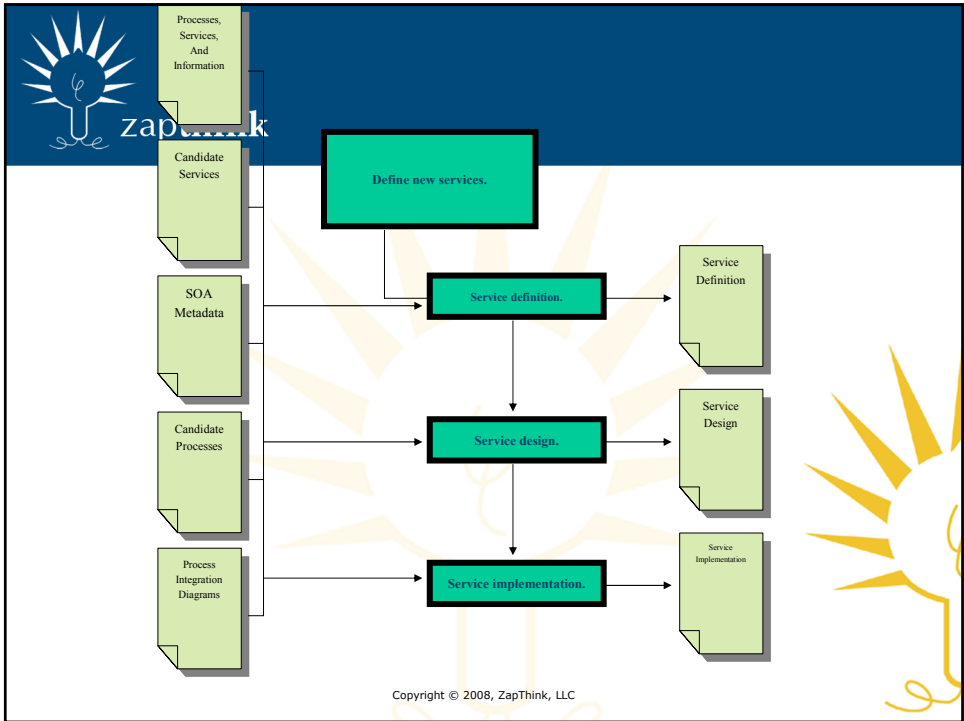
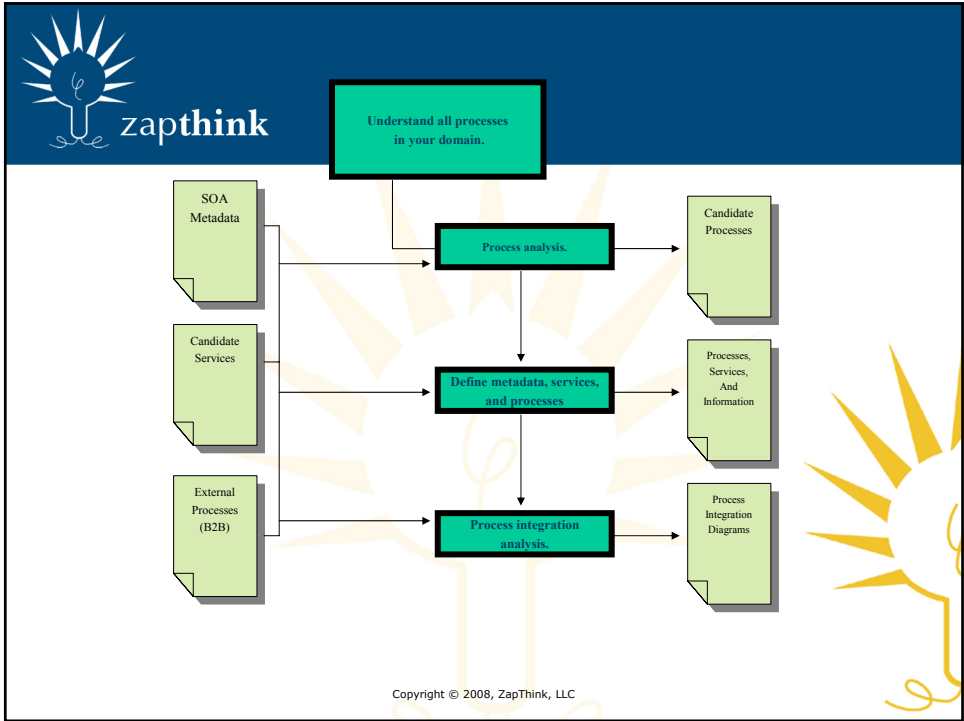


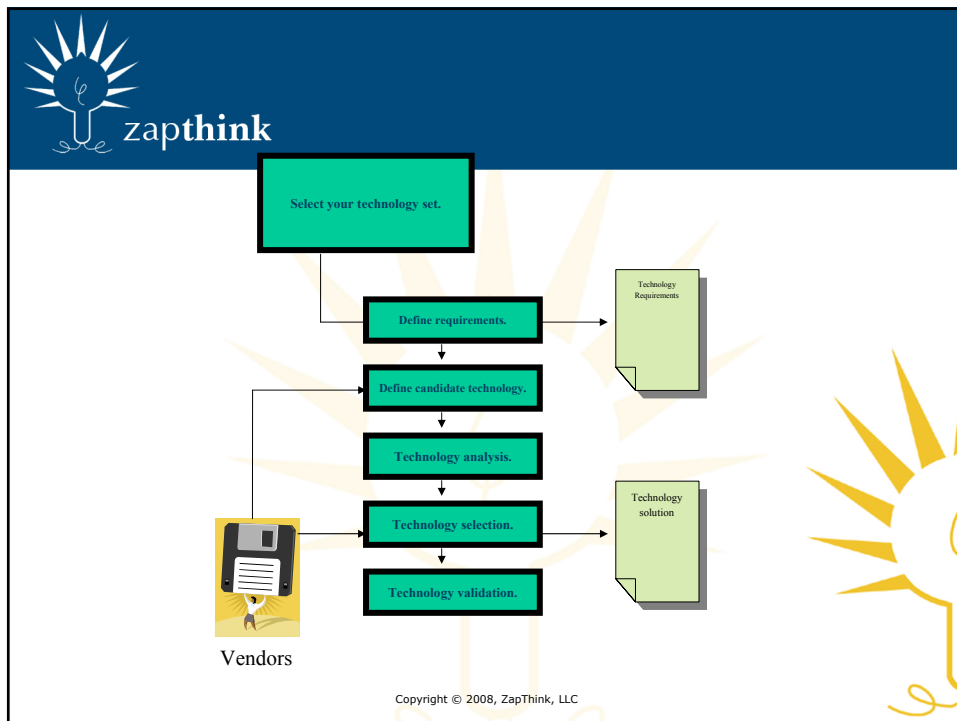
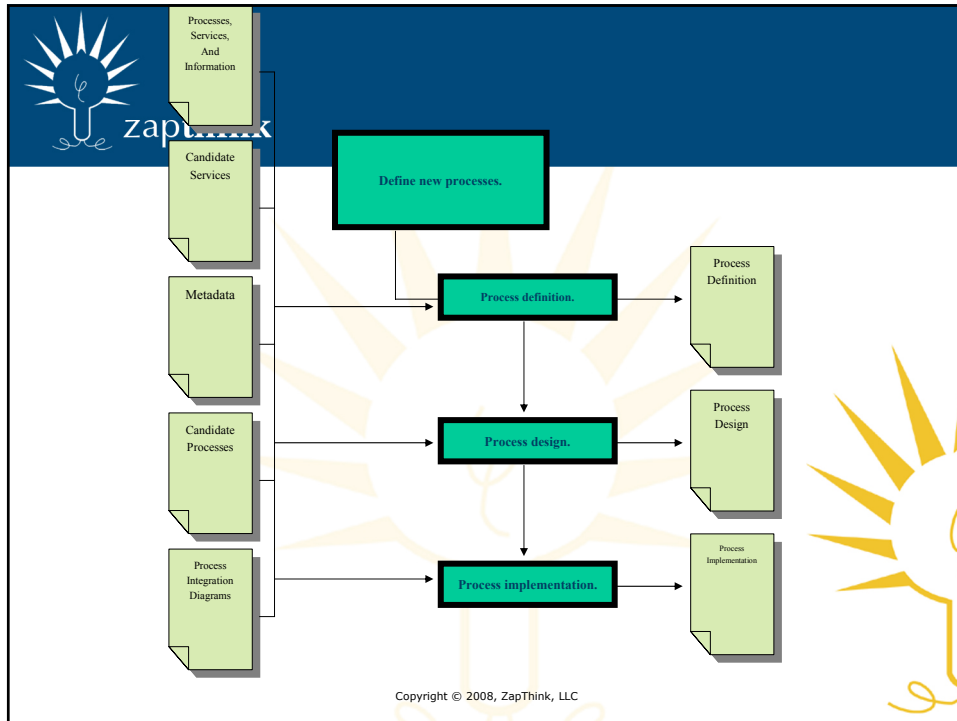
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Understand all services in your domain.



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"SOA is Good EA..."

- Pay me now, or pay me later. Make sure you do it right the first time...get the help you need.
- Don't be afraid to experiment, and admit you're wrong...backup and try again.
- Keep your vendors working with you.
- Empower those working, so they can work to get things done. Avoid politics, if possible.
- Learn all you can, but don't get caught up in the hype.
- Put standards in their proper place.
- Small battles win the war...Keep that in mind.
- Give yourself plenty of time, never skimp on any of the steps.

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Thanks!

- Blogs:
 - eBizq.net "Linthicum Channel"
 - InfoWorld "Real World SOA"
- Weekly Podcast
 - InfoWorld SOA Report
- Columns
 - Web Services Journal
 - SD Times
 - Web 2.0 Journal



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A stylized sunburst graphic in shades of blue, positioned on the left side of the slide. It features a central circle with several pointed rays extending outwards, and a decorative flourish below it.

Thank You!

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