



SOA Consortium

Enterprise Architecture of the Future

Current State Survey Results

Compiled by:

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Enterprise Architecture Current State Survey Key Findings

1. CIO's have started reporting to the CEO

- IT is now getting a seat at the table for business discussions

2. Outsourcing is now a reality

- IT organizations are now outsourcing multiple aspects of the business

3. SOA is a major initiative for most of the organizations

- SOA Reference Architectures, Governance, Pilot Project, are all in various stages of their lifecycle

4. Issues facing EA and SOA are identical

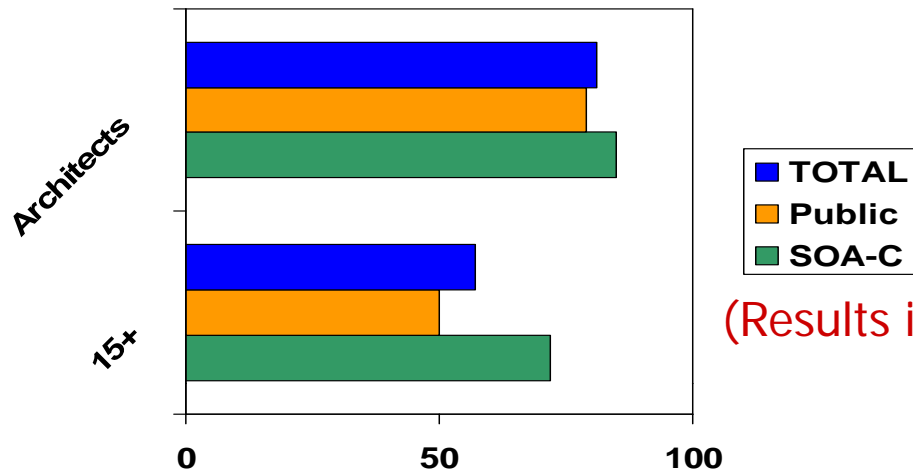
State of EA

1. EA teams have high levels of Technology, Data, and Application Architecture skills
2. EA teams have medium to high levels of Business Architecture skills most of time
3. Most EA teams are at a Medium level of maturity – 42%
4. Most EA teams are in the process of defining Reference Architecture – 45%
5. Most EA teams are in the process of defining Governance – 60%
6. **Getting “Business Buy In” and “Business to Focus on EA” are the 2 biggest challenges – Approx 70%**

State of SOA

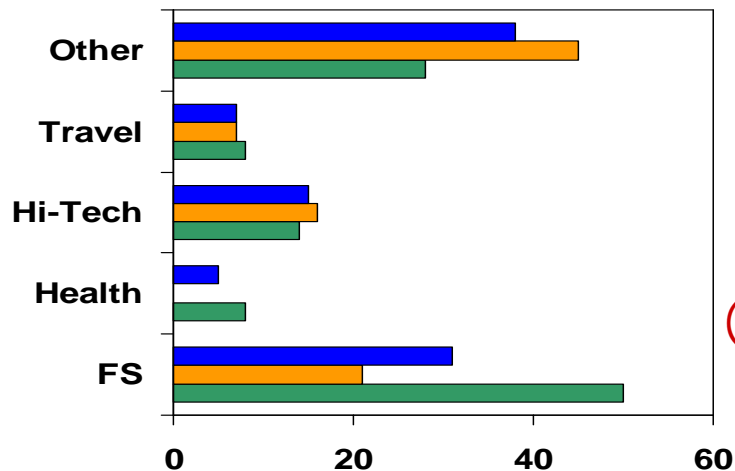
1. Most organizations are at Low level of maturity scale – 46%. 21% consider them at High level of maturity curve
2. Majority of organizations are in the process of defining SOA Reference Architecture – 53%. 44% have it fully or partially deployed.
3. Majority of organization are in the process of defining SOA Governance – 75%
4. **Getting “Business Buy In” and “Business to Focus on SOA” are the 2 biggest challenges – Approx 55%**

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(Results in %)

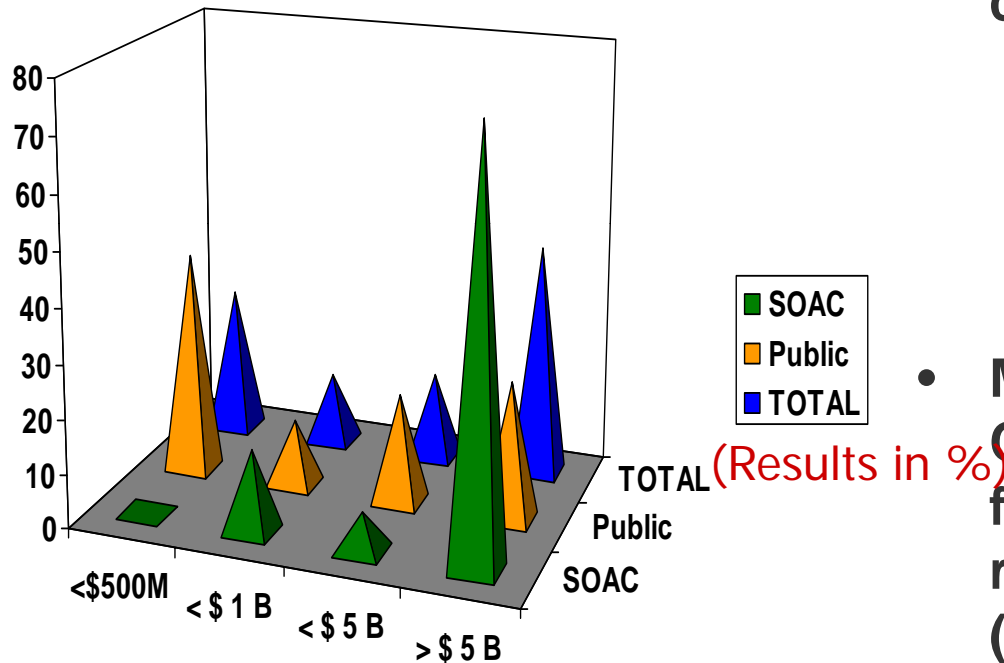
- Enterprise Architects were the primary respondents of the Survey (80%)
- 70% of SOA Consortium respondents had over 15 years of experience
 - Compared to 50% for the Public responses



(Results in %)

- Industry Distribution
 - Financial Service: 50% response from SOA Consortium
 - Health Care: 8% from the public (none from SOA Consortium)
 - Telecommunications was the highest in the others category (7% overall)

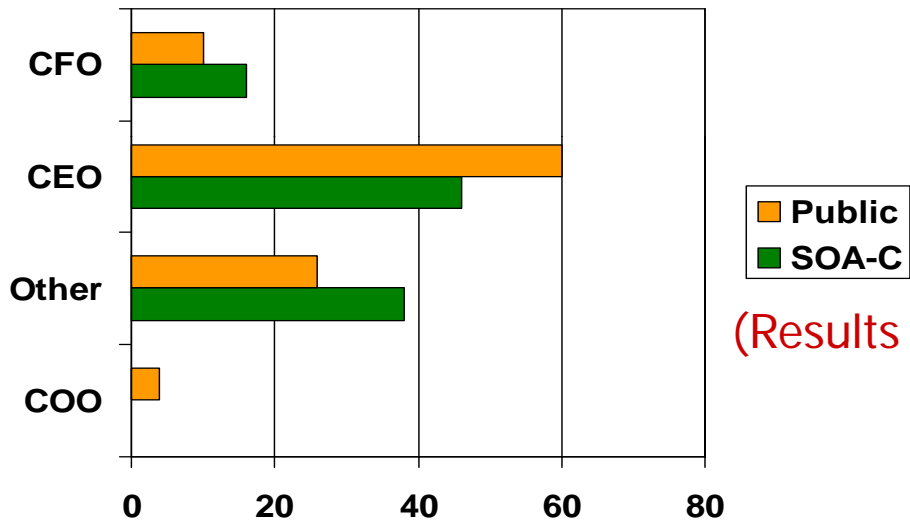
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- Majority of the public responses were from smaller companies
 - 41% responses were from companies with revenues less than \$500 Million compared to 0% from SOA Consortium
- Majority of the SOA Consortium responses were from companies with revenue over \$ 5 Billion (75%)

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CIO Profile



(Results in %)

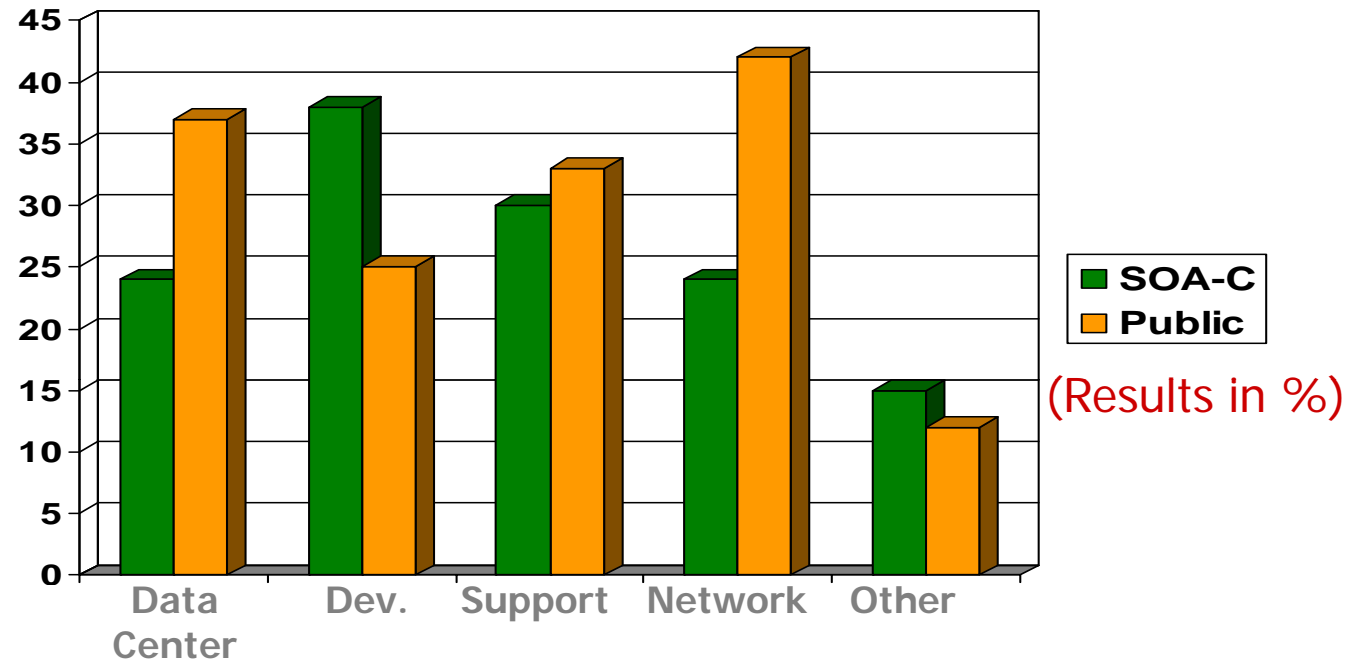
- **Nearly 50% of the CIO report to the CEO**
 - Large percentage based on public responses where majority of the companies with revenue less than \$ 500 Million
 - Most of CIO's of SOA Consortium respondents report equally to CEO or COO (which is surprising, especially as most CIO's in the industry report to CFOs) - Indication that successful adopters of SOA have already made the business transformation

- **IT leader is a CIO in over 90% of time**
- **CIOs are from a technology background(70%) with operational focus (52%) in majority of cases**
- **IT Culture is "Decision by Committee" (45%) in most cases with "Open to Change" close second (29%)**



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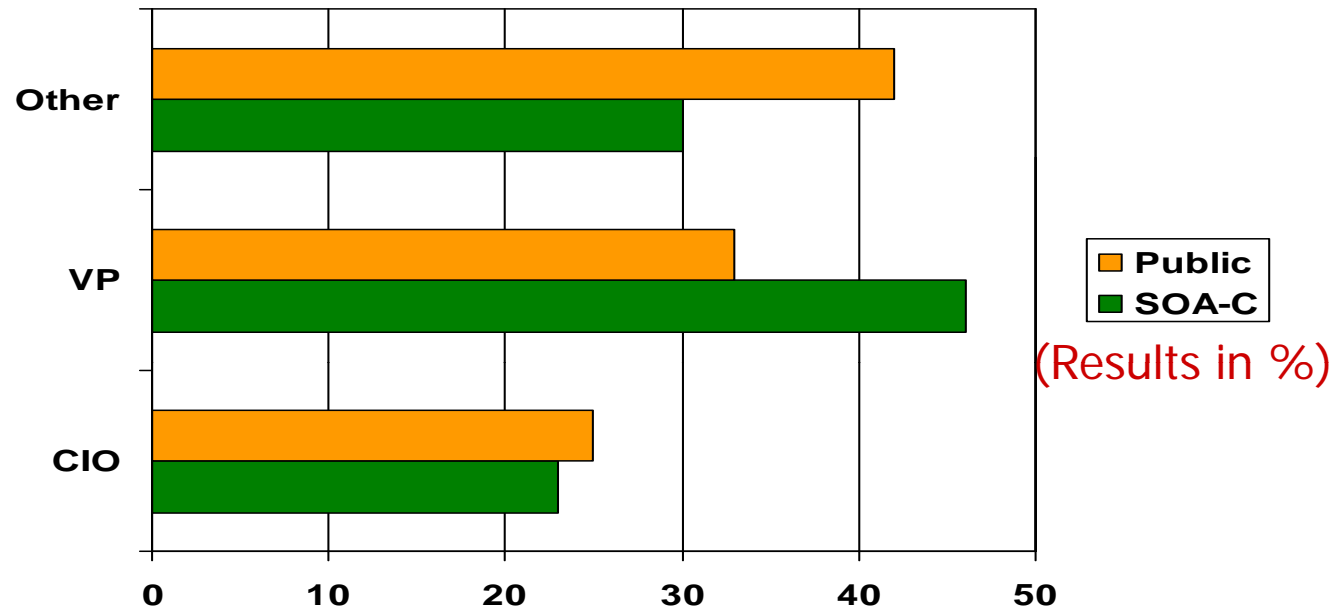
Outsourced Functions



- **75% of SOA Consortium respondents have outsourced one of the aspects**
- **50% of the Public respondents have outsourced one of the aspects**
- **Most of the SOA Consortium respondents have prioritized Development, Support and Data Center for outsourcing**
 - Trend: Lack of confidence by large corporations to outsource the Data Centers and Networks
- **Most of the public respondents (where 50% had less than \$ 500 Million revenue) have prioritized out sourcing Network, Data Center and Support**
 - Trend: Newly created companies are open to out sourcing network and data center (considered as commodity services)

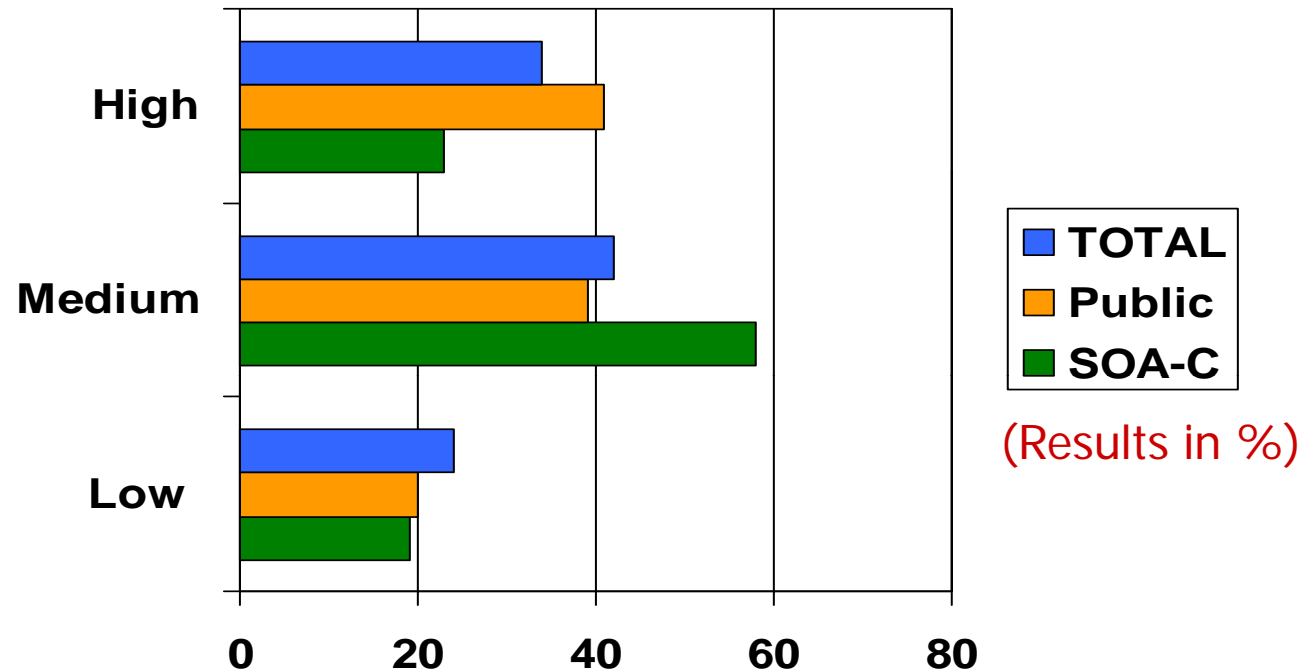
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Architecture Functions Organization structure



- Majority of the early adopters (SOA Consortium) have the enterprise architecture teams reporting to VP of Architecture or VP of Applications
- Approximately 25% of all Enterprise Architecture teams reports to the CIO
- The size of EA team varies between a low of 2 to a high of 100
- Most EA teams possess Medium to High levels of business competency.
- In majority of cases (56%) EA function is centralized.
- 40% of Public respondents have a centralized EA teams compared to 70% of SOA Consortium Respondent
- 20% of Public respondents have a federated EA teams compared to 15% of SOA Consortium Respondents

Enterprise Architecture of the Future Business Competency Maturity



- The Public has higher confidence in Enterprise Architects having business competency than the SOA Consortium members
 - Large vs. Medium Enterprises
- Majority of the SOA Consortium members believe that their enterprise architecture teams have average business competency
 - Note: 80% of all respondents were enterprise architects and may tend to view themselves in favorable light

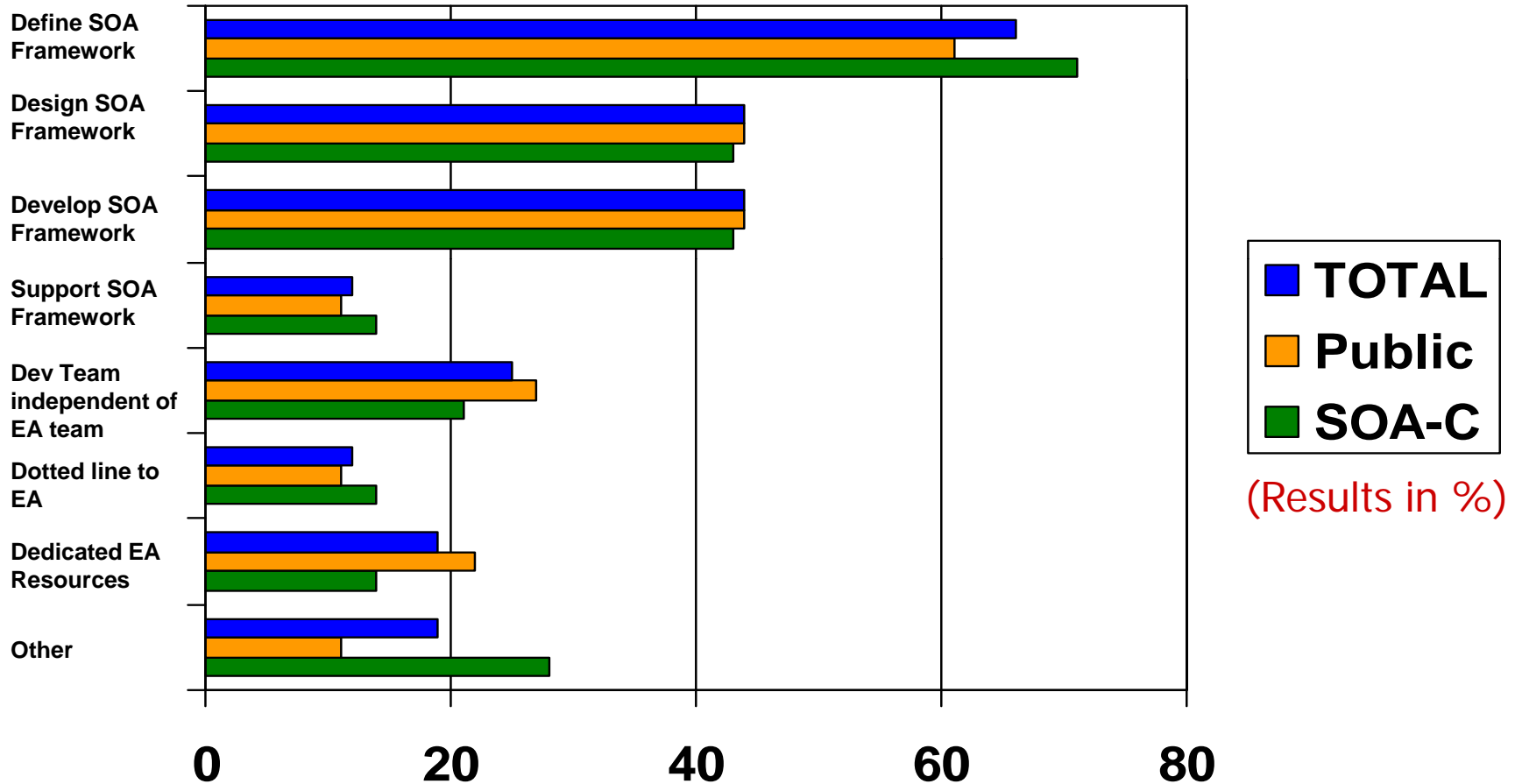
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EA Influence

- **100% of the SOA Consortium respondents agree that they are influencers**
 - 70% of EA teams influences the development standards.
 - EA Only enforces development standards in 25% of the time.
 - Enforcement of SDLC methodology only occurs less than 20% of time.
 - EA influences SDLC methodology in majority of time – 67% .
 - EA is the decision maker of Development Standards in 54% of time.
- **50% of the EA teams are responsible are empowered to make software tools decisions**
 - EA decide the development tools selection in 54% time and influences 54% of time – overlap.

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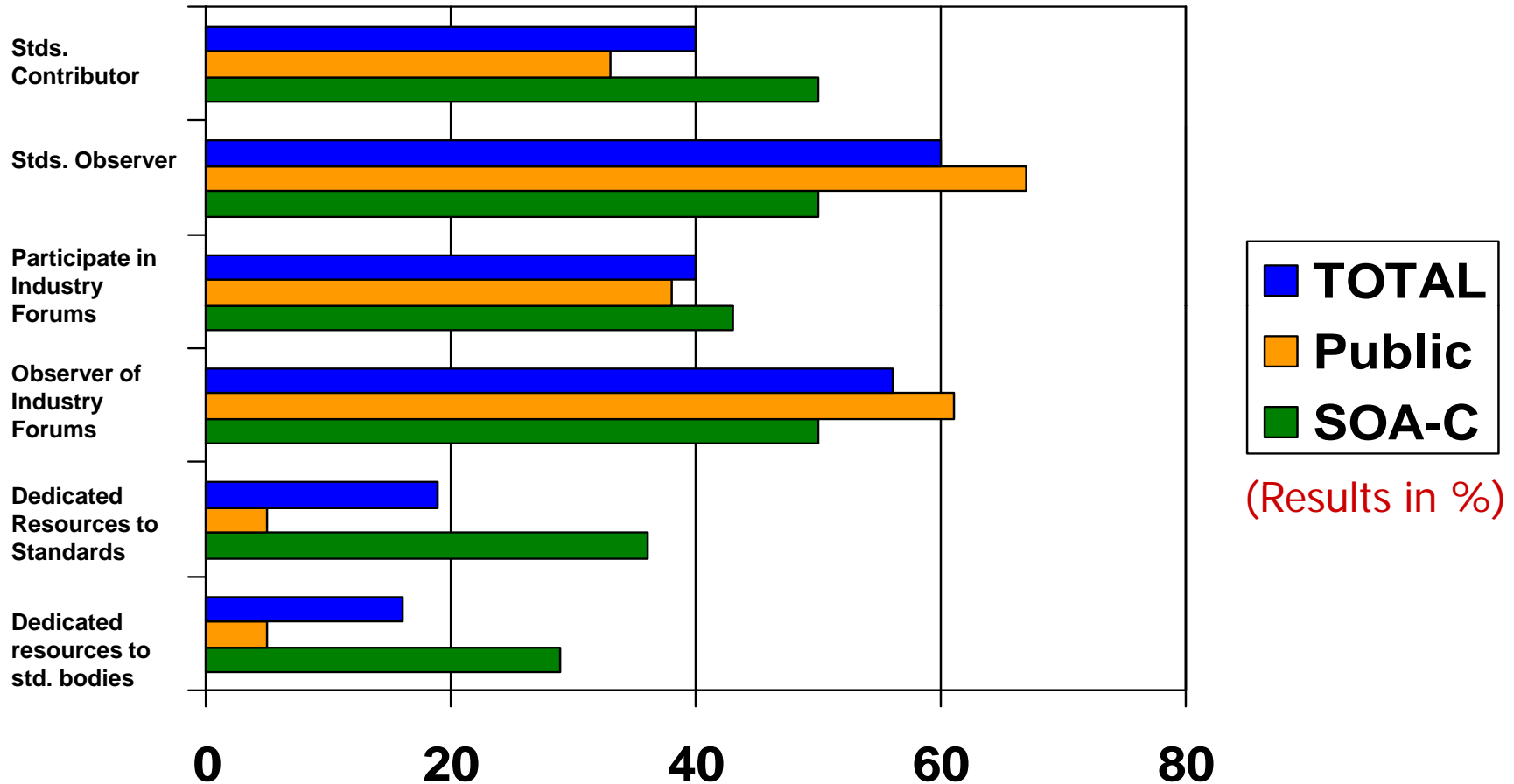
Development and Delivery Responsibilities



- In majority of the cases the Enterprise Architecture team is responsible for defining, designing and developing the SOA Framework

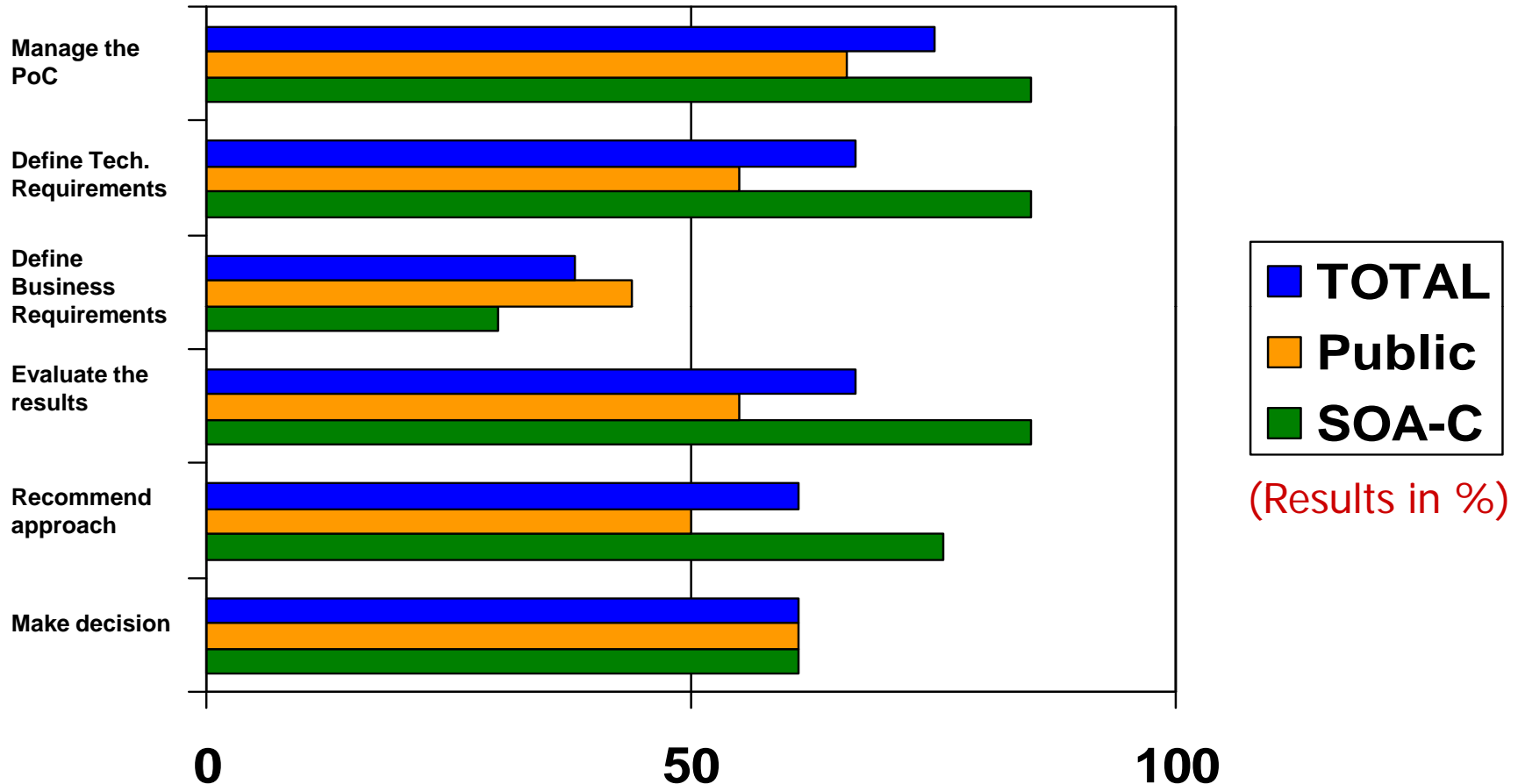
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Evaluation and Participation in Standards/Forums



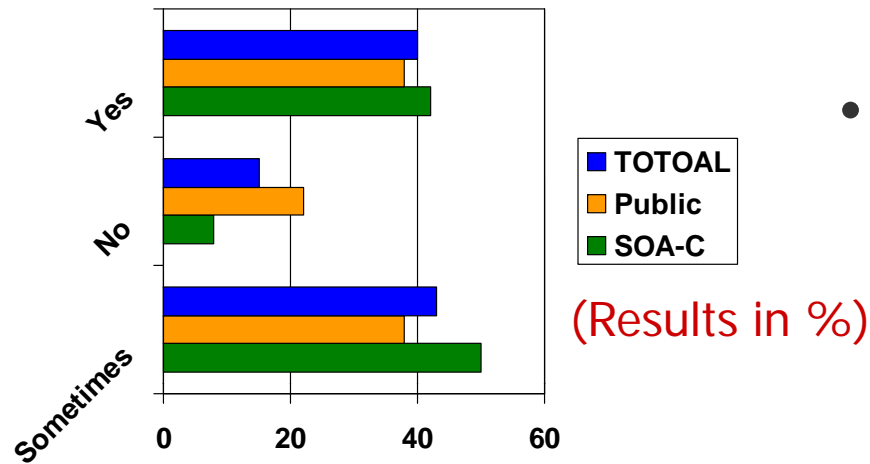
- Majority of the respondents have resources observing the various standards and industry bodies
- SOA Consortium members have dedicated resources participating in standards and industry forums

Enterprise Architecture of the Future Involvement in the Proof-Of-Concepts

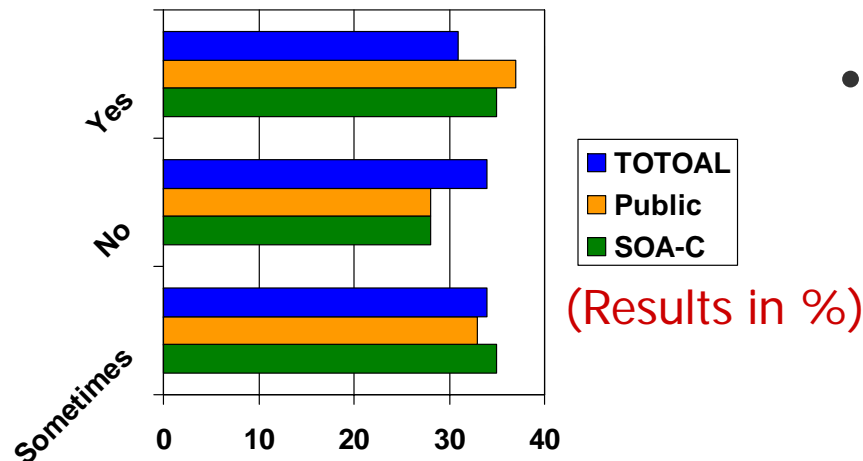


- Majority of the respondents are responsible for managing, defining, evaluating and recommending the solution based on the Proof-of-concept
- Enterprise Architecture teams of SOA Consortium members have more influence than the Public

Enterprise Architecture of the Future Involved in Business Process discussions



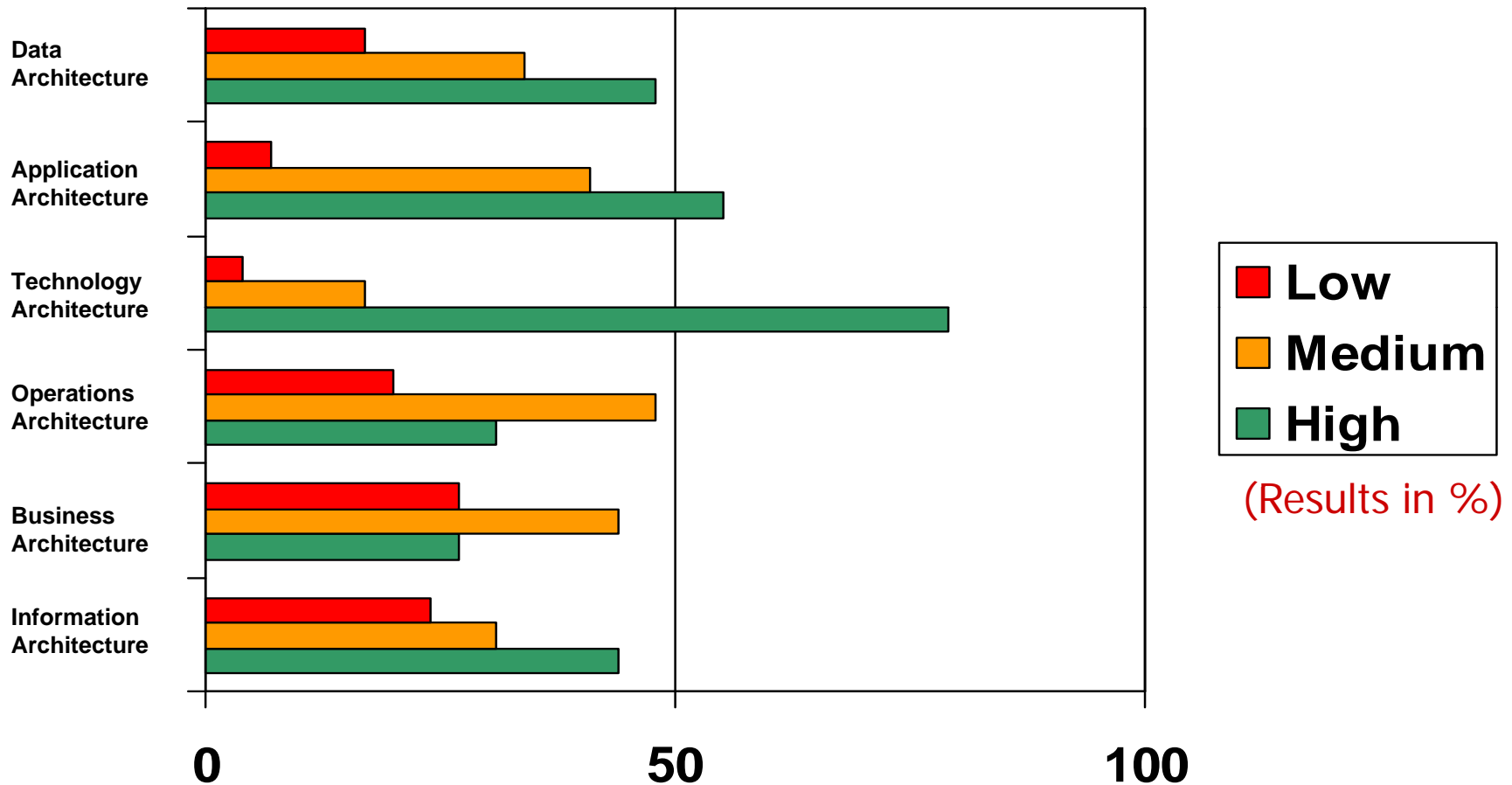
- Enterprise Architecture teams are involved in most of the Business Process discussions within IT



- Enterprise Architecture teams are not as involved in the business process discussions of LOB

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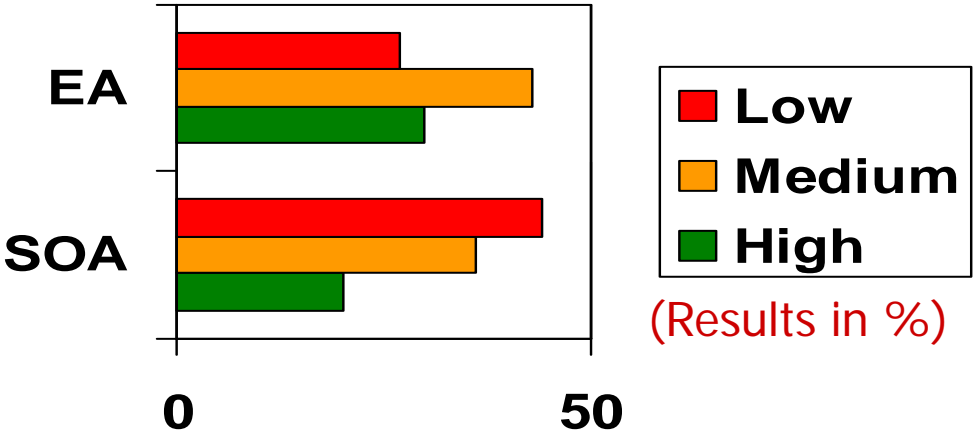
Skills within EA



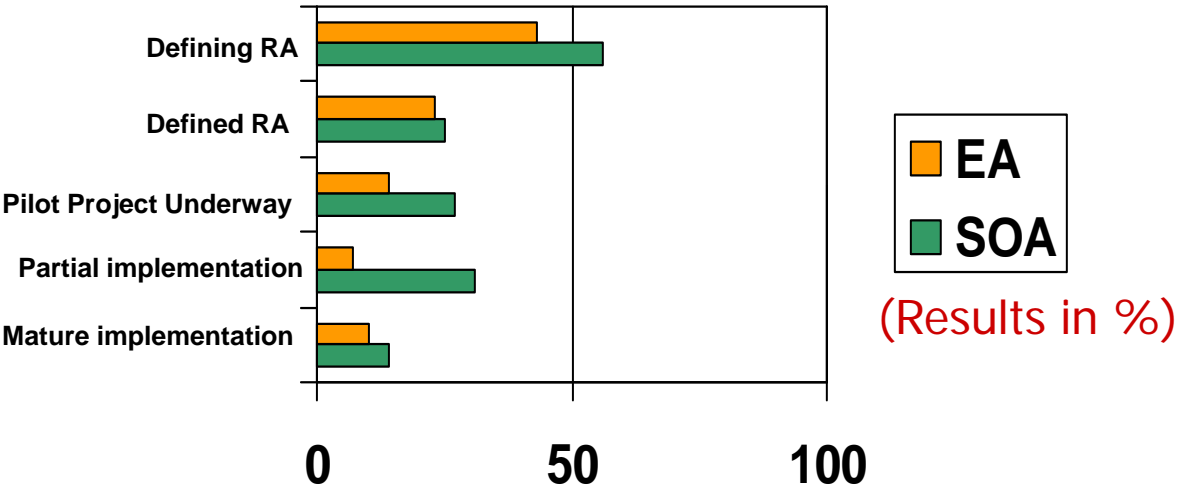
- Enterprise Architecture teams have high competency in Technology, Application and Data Architecture
- Enterprise Architecture teams have low competency in Business, Information and Operations Architecture

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Comparing EA with SOA



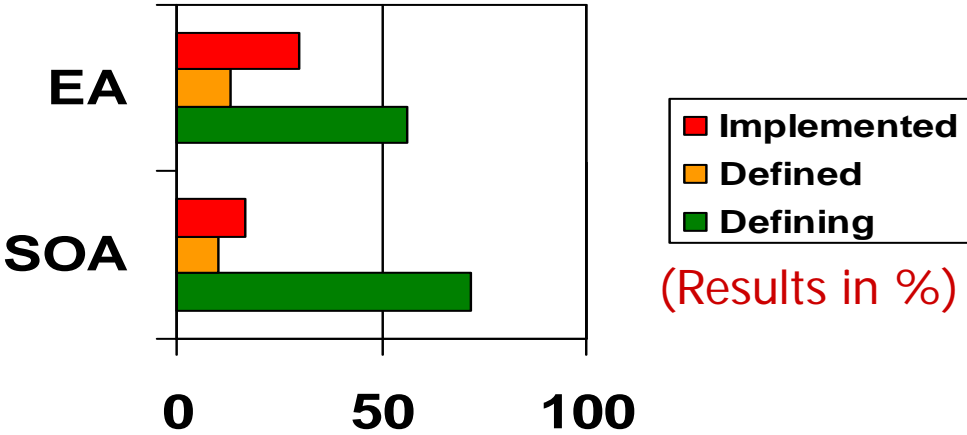
- The level of maturity of Enterprise Architecture is better than that of SOA



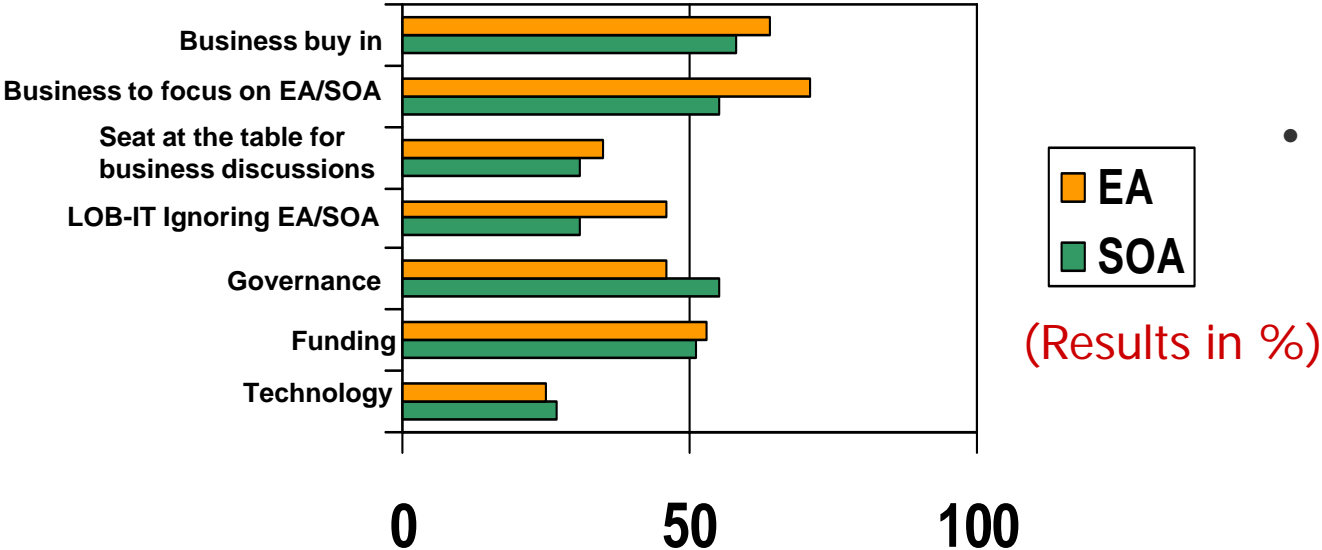
- SOA has made better progress than Enterprise Architecture (w.r.t. technology)

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Comparing EA with SOA



- Majority of the enterprises are currently defining the governance – both of EA and SOA
- Governance is still a major issue



- The issues facing EA and SOA are identical



Thank You

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