Table of contents

I Sample Overview

II Study Results
• Summary
• Usage of microservices
• Deployment frequency
• Rate of adoption
• Hurdles for adapting microservices
Summary of the study

- Companies who use microservices deploy new software releases 5x faster than those who don’t use microservices.

- 71% of companies will intensify their usage of microservices in 2017.

- Companies already using microservices were so satisfied with the results that they plan to implement them even more in the next 6 months.

- Even companies who have adopted microservices still have the same hurdles as companies who have not adopted them. Legacy issues and missing information doesn’t get easier.

- The main reason companies do not have the intention of adopting microservices is because of missing knowledge and lack of qualified people.
### Overview of the sample

<table>
<thead>
<tr>
<th><strong>Target companies</strong></th>
<th>Multi-corporate enterprises and mid-sized businesses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Target group</strong></td>
<td>CIOs, Heads of IT, Enterprise Architects and other Senior IT professionals from America and Europe</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Online questionnaire distributed via e-mail and LinkedIn</td>
</tr>
<tr>
<td><strong>Period</strong></td>
<td>December 12 - 23, 2016</td>
</tr>
<tr>
<td><strong>Sample size</strong></td>
<td>118</td>
</tr>
</tbody>
</table>
80% of surveyed companies bet on microservices

Does your company use Microservices?

- We use mostly microservices 9%
- We intend to transform existing monoliths to microservices 33%
- New components as microservices, old monoliths maintained 38%
- Microservices are no option 20%

While 71% of surveyed companies want to move to microservices, only 9% have really achieved it.

The method of choice is keeping old monoliths and only create new components as microservices.

Out of the 20% responding microservices are currently no option, the majority still intends to adopt them in the future.
How often do you deploy new releases?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple times per week</td>
<td>17%</td>
</tr>
<tr>
<td>Multiple times per month</td>
<td>24%</td>
</tr>
<tr>
<td>Multiple times per year</td>
<td>51%</td>
</tr>
<tr>
<td>Max 1 per year</td>
<td>8%</td>
</tr>
</tbody>
</table>

Companies using microservices are faster

# RELEASES 'MICROSERVICES ARE NO OPTION'
- Max 1 per year: 88%
- Multiple times per week: 12%
- Multiple times per month: 6%
- Multiple times per year: 3%

# RELEASES 'MOSTLY USE MICROSERVICES'
- Max 1 per year: 87%
- Multiple times per week: 13%
- Multiple times per month: 5%
- Multiple times per year: 3%
We will see a spike in microservice usage in 2017

Do you plan to intensify the usage of Microservices, if yes in what timeframe?

71%

2/3 of companies will intensify their usage in 2017

29%

1/3 does not have planned to intensify their usage of microservices in 2017
Legacy processes & lack of knowledge are the main hurdles that companies face

What are the major hurdles for adopting Microservices?

- Missing knowledge & people: 35%
- Legacy processes: 33%
- Higher complexity: 21%
- Politics: 11%

- Microservices are no option
- Intend to transform to microservices
- New components as microservices, old monoliths maintained
Do you want to learn more about Microservices? Read our Whitepaper:

Microservices – What an Enterprise Architect needs to know

Read Now