Cloud services - whether it's still childhood or maturity yet

Marek Ścibior – Business Development Manager
The world’s most valuable resource is no longer oil, but data

The data economy demands a new approach to antitrust rules
DATA INCREASE

16 ZB (2016)

30% Business Data

163 ZB (2025)

60% Business Data

* Raport IDC, 2017, Data Age 2025
DATA INCREASE

10% IoT

40% Cloud

How to protect my data?
Where should my data?
How to have access to my data?
Cloud Computing?
5.6% -> 7.8%

2016 2017

3.3B$ (12 mld PLN) – IT Services market in Poland IDC 2016/2017
Co daje chmura?
Encrypted
Distributed
Backup
Access
Mobility
Business Continuity
Pay per Use
Business agility
Energy savings
To już postanowione...
Pentagon – Departament Obrony Stanów Zjednoczonych

- Kwiecień 2019
- Projekt JEDI (Joint Enterprise Defense Infrastructure)
- 10 MLD USD
- 3 miliony pracowników, 4800 lokalizacji, 160 krajów
- Wszystkie klauzule tajności

- Przechowywanie danych
- Analityka
- Komunikacja
- Przetwarzanie (obrazu, mowy, tekstu)
XaaS

- **Business Process-as-a-Service (BPaaS)** The cloud is used for standard business processes such as billing, payroll, or human resources. BPaaS combines all the other service models with process expertise.

- **Software-as-a-Service (SaaS)** A cloud service provider houses the business software and related data, and users access the software and data via their web browser. Types of software that can be delivered this way include accounting, customer relationship management, enterprise resource planning, invoicing, human resource management, content management, and service desk management.

- **Platform-as-a-Service (PaaS)** A cloud service provider offers a complete platform for application, interface, and database development, storage, and testing. This allows businesses to streamline the development, maintenance and support of custom applications, lowering IT costs and minimizing the need for hardware, software, and hosting environments.

- **Infrastructure-as-a-Service (IaaS)** Rather than purchasing servers, software, data center space or network equipment, this cloud model allows businesses to buy those resources as a fully outsourced service.
BaaS
3 – 2 – 1 Backup rule

3 copies of your data

2 different media

1 copy off site
39% of applications will be hosted in the cloud within 2 years.

BACKUP

#1 most frequently listed application for hosted private cloud

#3 most frequently listed application for public cloud
### Vendors' Product Scores for Public Cloud Environments

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commvault Software and Appliances</td>
<td>3.74</td>
</tr>
<tr>
<td>Actifio Enterprise and Sky</td>
<td>3.67</td>
</tr>
<tr>
<td>Rubrik Cloud Data Management</td>
<td>3.57</td>
</tr>
<tr>
<td>Arcserve Software and UDP Appliances</td>
<td>3.53</td>
</tr>
<tr>
<td>Unitrends Enterprise Backup and Recovery Series</td>
<td>3.39</td>
</tr>
<tr>
<td>Dell EMC Avamar/Data Protection Suite/IDPA</td>
<td>3.32</td>
</tr>
<tr>
<td>Veritas NetBackup Software and Appliances</td>
<td>3.32</td>
</tr>
<tr>
<td>IBM Spectrum Protect</td>
<td>3.27</td>
</tr>
<tr>
<td>Dell EMC NetWorker/Data Protection Suite</td>
<td>3.21</td>
</tr>
<tr>
<td>Veeam Backup &amp; Replication and Availability Suite</td>
<td>2.78</td>
</tr>
<tr>
<td>HPE Data Protector and ABR Suite</td>
<td>2.00</td>
</tr>
</tbody>
</table>

As of July 2017

Source: Gartner (July 2017)
Dziękuję 😊