

▶ GOING BEYOND

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

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The world's most valuable resource is no longer oil, but data

The data economy demands a new approach to antitrust rules



DATA INCREASE

30 %

Business Data

60 %

Business Data

16 ZB

2016

163 ZB

2025

* Raport IDC, 2017, Data Age 2025

DATA INCREASE

10%

IoT

40%

Cloud

<https://www.chip.pl/2017/04/163-zettabajty-danych-do-2025-roku/>

How to protect my data?

Where store my data?

How to have access to my data?



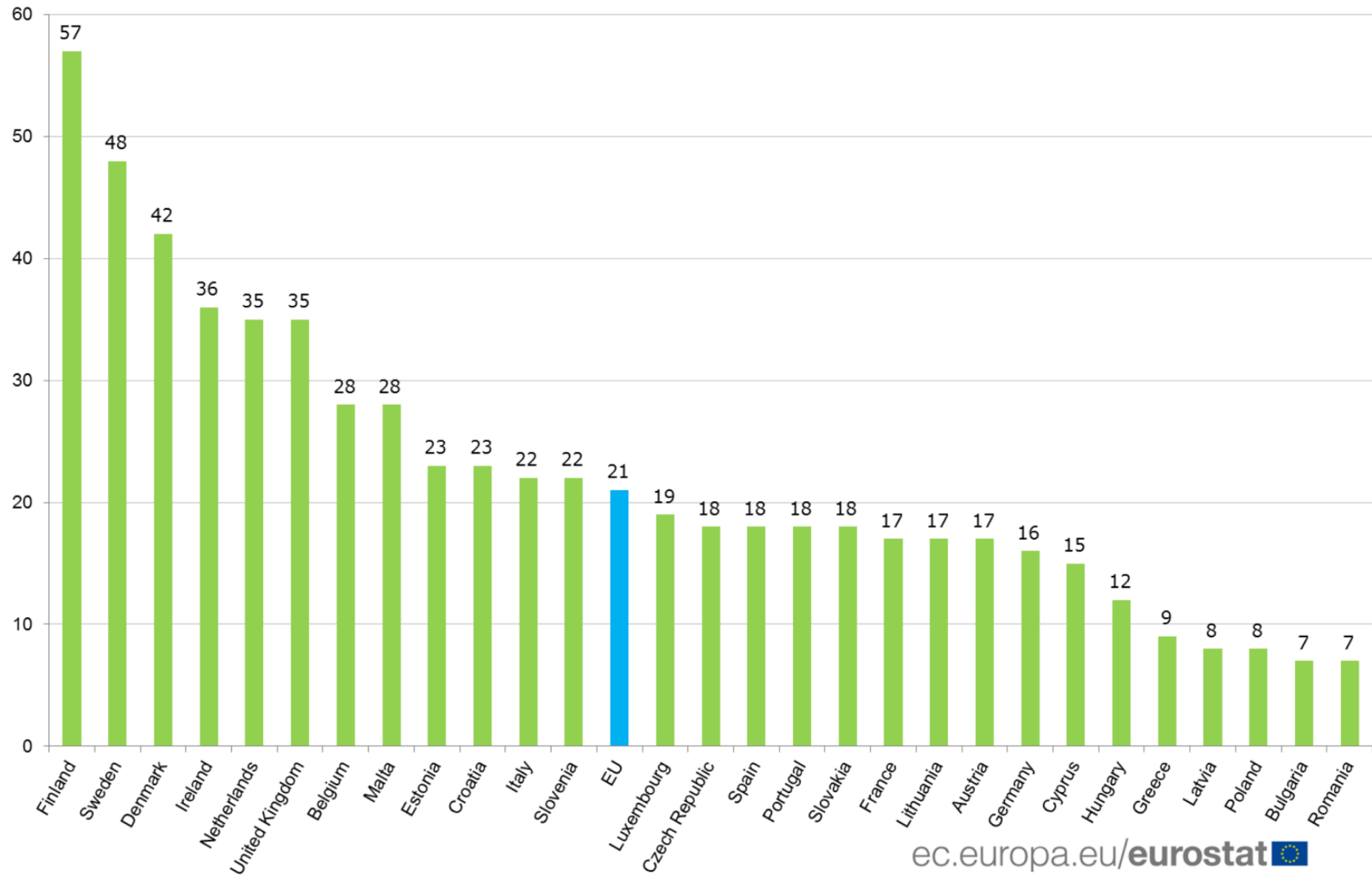


Cloud Computing



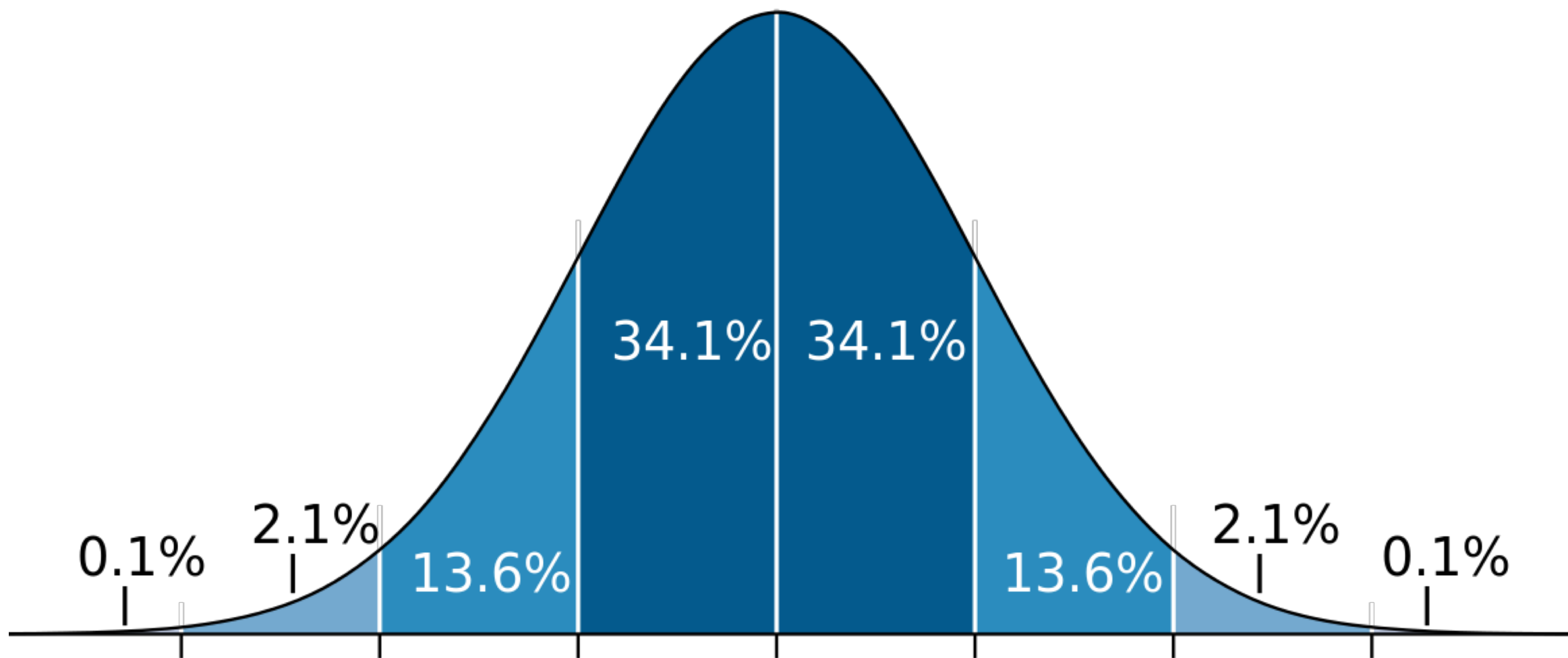


Use of cloud computing services by enterprises in the EU Member States, 2016 (% of enterprises)



5.6% -> **7.8%**
2016 **2017**

3.3B\$ (12 mld PLN) – IT Services market in Poland IDC 2016/2017

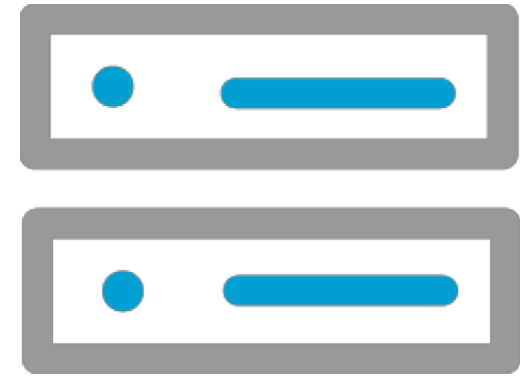




Co daje chmura ?



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

EPBaaS

0365BaaS

BaaS

ArchaaS

VMBaaS

DRaaS

3 – 2 – 1 Backup rule



**3 copies of
your data**

–

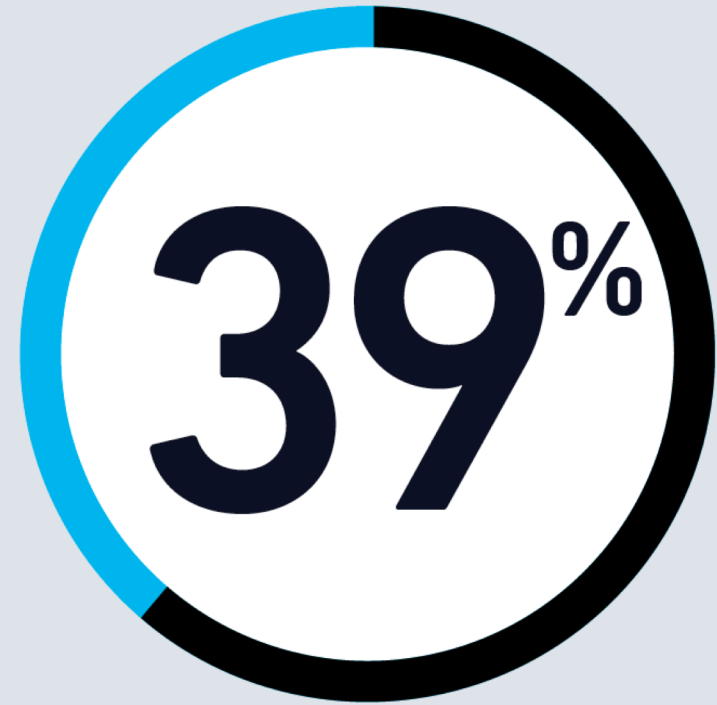


**2 different
media**

–



**1 copy
off site**



of applications will be hosted in the cloud within 2 years³

BACKUP



#1

most frequently listed application for hosted private cloud⁴

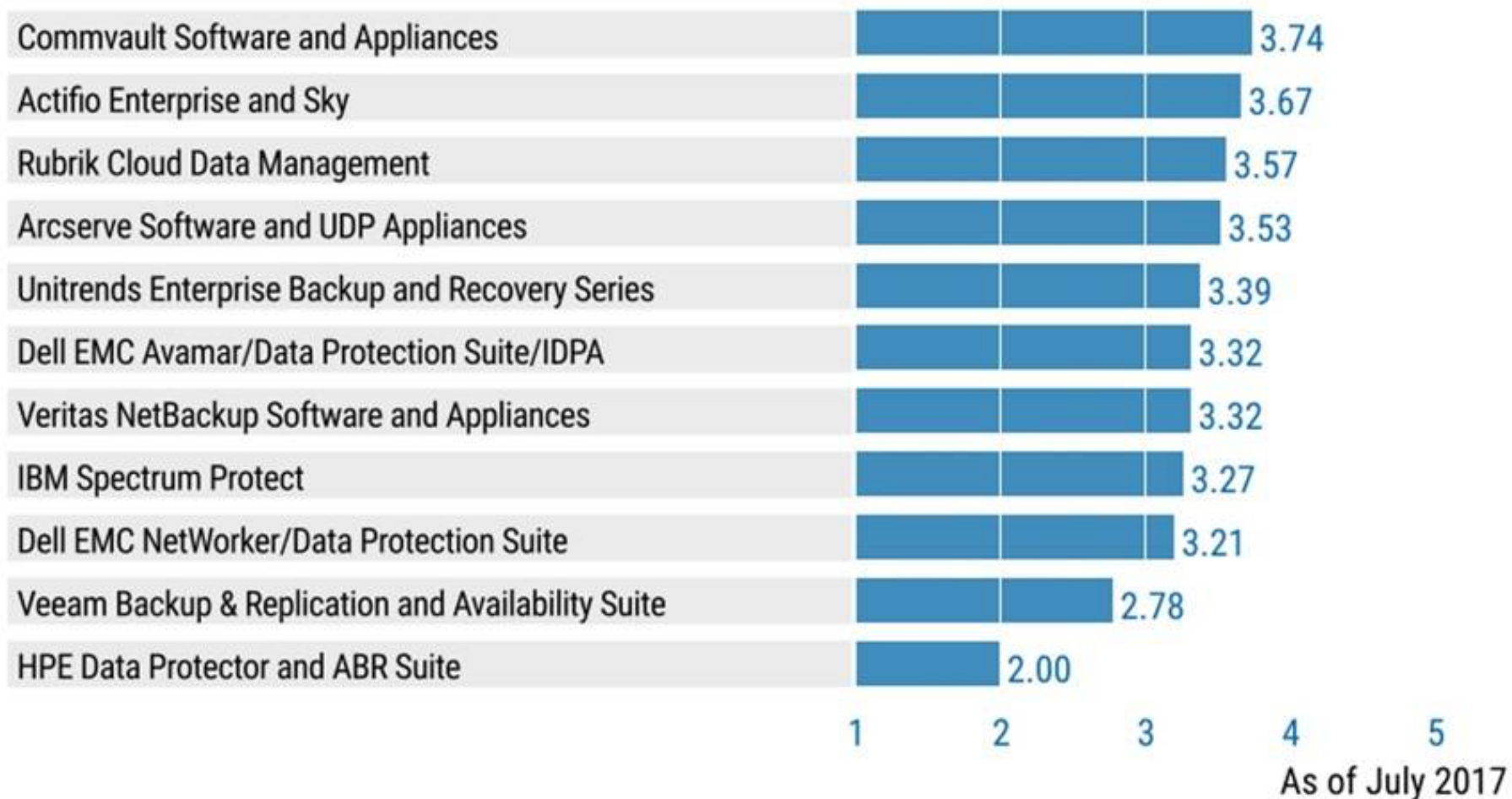
#3

most frequently listed application for public cloud⁴



Figure 3. Vendors' Product Scores for Public Cloud Environments

Product or Service Scores for Public Cloud Environments



Source: Gartner (July 2017)

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Dziękuję 😊

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