CLOUD COMPUTING?

Via het internet gebruiken van hardware, software en gegevens, ongeveer zoals stroom uit het elektriciteitsnet.

De gebruiker hoeft op deze manier geen eigenaar meer te zijn van die hard- en software en is niet verantwoordelijk voor het onderhoud.
CLOUD COMPUTING?

Gebruikers huren

- het gebruik van kant-en-klare diensten;

- omgevingen om eigen gemaakte of aangeschafte applicaties te draaien;

- infrastructuur voor data opslag of rekencapaciteit.

Pay-per-use, elasticiteit
delivery models

<table>
<thead>
<tr>
<th>public cloud</th>
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<tbody>
<tr>
<td>Commercial vendors</td>
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<table>
<thead>
<tr>
<th>community cloud</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shared by several organizations</td>
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<table>
<thead>
<tr>
<th>private 'cloud'</th>
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<tbody>
<tr>
<td>Individual organizations</td>
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</table>

relying on others who is in control?

Outside

Inside
How the Cloud Looks from the Top: Achieving Competitive Advantage In the Age of Cloud Computing

Sponsored by
Microsoft

mei 2011

http://tiny.cc/eqpz2
In a new global survey of nearly 1,500 business and technology leaders conducted by Harvard Business Review Analytic Services, the majority — 85% — said their organizations will be using cloud tools moderately to extensively over the next three years. They cited the cloud’s ability to increase business speed and agility, lower costs, and enable new means of growth, innovation, and collaboration as the drivers for this fairly aggressive rate of adoption.

**Current and Projected Use of Cloud Computing** Figure 2

**QUESTION 1:** Please indicate the extent to which your company uses any form of cloud computing.

**QUESTION 2:** Please indicate the extent to which your company will be using cloud in 18 months and three years.

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**Highly Valued Benefits** Figure 3

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increased business agility</td>
<td>44%</td>
</tr>
<tr>
<td>Flexible capacity</td>
<td>41%</td>
</tr>
<tr>
<td>Faster adoption of new technology</td>
<td>36%</td>
</tr>
<tr>
<td>Lower fixed costs (shift from capex to opex)</td>
<td>33%</td>
</tr>
<tr>
<td>Lower up-front costs to develop/deploy IT systems</td>
<td>31%</td>
</tr>
<tr>
<td>Always on newest versions of software without IT updates/patches</td>
<td>26%</td>
</tr>
</tbody>
</table>
ICT DIENSTVERLENING
VERANDERINGEN

INTERN PRODUCEREN

ICT wordt
nootvoorziening
- commodity

EXTERN CONSUMEREN

Eindgebruikers
kiezen
- consumption
SURF-TASKFORCE CLOUD

FORMULEREN CLOUD-STRATEGIE

VENDOR MANAGEMENT

EXPERTISEONTWIKKELING EN -DELING

INITIÉREN EN ONDERSTEUNEN VAN IMPLEMENTATIETRAJECTEN
SHIFT

Internet and IT veranderen in hoog tempo
Bijna 2 miljard mensen online
30% wereldbevolking
12 miljoen in Nederland

ICT
Voorheen: Schaar
Nu: in overvloed aanwezig

Mobiele apparaten!
Remember everything.

Capture anything.
Save your ideas, things you like, things you hear, and things you see.

Access anywhere.
Evernote works with nearly every computer, phone and mobile device out there.

Find things fast.
Search by title, tag or even printed and handwritten text inside images.
Nieuwe diensten

Ingezet door eindgebruikers
Complexe ketens
van (toe)leveranciers: 'onderaannemers'
Wie is waarop aanspreekbaar?

Betrouwbaarheid
This is your Flipboard. It's your social magazine, now with more to enjoy.

News: Flipboard Launches Brand Advertising

Free Download
Spotify is a new way to listen to music

Any track you like, any time you like. Just search for it in Spotify, then play it. Any artist, any album, any genre - all available instantly. With Spotify, there are no limits to the amount of music you could listen to. Just help yourself to whatever you want, whenever you want it.

All the music, all the time

Think of Spotify as your new music collection. Your library. Only this time your collection is vast: 10 million tracks and counting. You can create as many playlists as you like from this collection - just drag and drop the tracks you want.

And because the music plays live, there's no need to wait for downloads and no big dent in your hard drive. You can listen at any time, no matter where you are. Through your computer or your mobile phone.

Music to share

Thanks to Spotify, it's now easier than ever to share music. You're free to share everything you listen to on Spotify with your friends - tracks, playlists, the lot.

Just send them a link to a track or playlist and they can listen instantly. If you like, you can also collaborate on shared playlists. Social music made simple.
Continuïteit en bestendigheid?
Met Facebook ben je verbonden en deel je alles met iedereen in je leven.

Wat gebeurt er met je persoonsgegevens en data?

Privacy

YOU DON’T GET TO 500 MILLION FRIENDS WITHOUT MAKING A FEW ENEMIES
Facebook's Zuckerberg Says The Age of Privacy is Over

By Marshall Kirkpatrick / January 9, 2010 9:25 PM / 287 Comments

Facebook founder Mark Zuckerberg told a live audience yesterday that if he were to create Facebook again today, user information would by default be public, not private as it was for years until the company changed dramatically in recent years.

In a six-minute interview with Michael Arrington, Zuckerberg touched on Facebook's privacy policies. His statements were significant given that Facebook is now the largest social network - and his arguments in favor of openness are likely to be more closely scrutinized.

Facebook's Zuckerberg admits mistakes, promises privacy fixes

By Jacquie Cheng | Last updated 6 months ago

Facebook founder Mark Zuckerberg admits that Facebook "missed the mark" with its recent privacy changes, promising that simpler privacy controls are on the way. In an op-ed piece published in the Washington Post Monday, Zuckerberg loosely outlines the company's plan to make things easier on users and promises that Facebook is taking the recent criticism about its decisions to heart.

Zuckerberg's piece is a bit heavy on the PR-speak, but it does admit that Facebook may have made incorrect assumptions about what users wanted when it came to privacy controls. He says that the company tried to move quickly to keep up with Facebook's meteoric growth and assumed users wanted many granular controls over different aspects of their profiles. This was apparently not the case, and Facebook is now hoping to roll out new changes to accommodate user feedback.

"The biggest message we have heard recently is that people want easier control over their information. Simply put, many of you thought our controls were too complex," Zuckerberg wrote. "We have heard the feedback. There needs to be a simpler way to control your information. In the coming weeks, we will add privacy controls that are much simpler to use. We will also give you an easy way to turn off all third-party services."
THE FILTER BUBBLE:
WHAT THE INTERNET IS HIDING FROM YOU

The Filter Bubble
What [***] the [***]
[***] Internet [***]
Is [***] Hiding [***]
From [***] You [***]

Eli Pariser

Eli Pariser  http://amzn.to/fW7GyW
DO YOU KNOW WHERE YOUR DATA IS IN THE CLOUD?

FORRESTER®

http://www.forrester.com/cloudprivacyheatmap

Source: US Department of Commerce and country specific legislation

Source: Forrester Research, Inc.
What are your biggest concerns surrounding the Cloud today?
Hoe verbinden we

Gebruikers en teams uit verschillende organisaties?
HOE VERBINDEN WE

Services van diverse leveranciers
UNIVERSITY OF WASHINGTON

Multi vendor strategy
Google and Microsoft

Integrate via standards (SAML, Grouper)

‘A tale of two clouds’
Terry Gray

UNIVERSITY OF WASHINGTON CLOUD STRATEGY
SHAPED BY FOUR KEY IDEAS

Our community is already using and benefiting from a wide variety of cloud-based services, and it would be counterproductive to oppose their use despite the institutional concerns that come with the cloud.

The university's risk profile would improve over the status quo by establishing one or more preferred collaboration platforms, backed by contract terms that address institutional risks.

We should use the cloud opportunity to encourage collaboration across all sectors of our community (faculty, staff, and students) rather than, say, just using cloud services to get out of the student e-mail business.

We should partner with both Microsoft and Google in order to provide the best options to our very diverse population.
Users in control:
decide which devices and applications they use
(consumerization)

Give end users the freedom of choice;
let them choose between multiple cloud vendors and cloud services
Provide an excellent infrastructure, that
interconnects these services
WELKE ALLEBEI
Single sign-on with trusted institutional account (IdM at institute)

Team structures in sync in all connected services

Choose your own services

Use components (widgets) to build your own team workspace
WERKVELD 1

Ondersteuning van de bij SURF aangesloten instellingen bij hun migratie van gevirtualiseerde, instellingsspecifieke systemen in het lokale datacentrum, naar een community cloud of de public cloud.
WERKVELD 2

Ontwikkelen van gemeenschappelijke, gestandaardiseerde online services, die gezamenlijk worden aangeboden en bestuurd middels een community cloud.
WERKVELD 3

Zorgen voor een gezamenlijke benadering van public cloud-leveranciers en het maken van de juiste afspraken over de door hen aangeboden services ten aanzien van licenties, gebruiksvoorwaarden en interoperabiliteit.
Aan Everyone interested in

more information

ANDRES STEIJAERT