Hvordan kan medarbejdere anvende cloud-tjenester uden at kompromittere virksomhedens IT-sikkerhed?

SEPIOR

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Cloud tjenester set fra...

CIO synsvinkel:

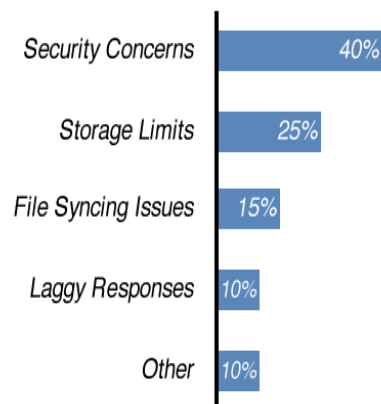Dropbox: Yes, we were hacked

by Barb Darrow   AUG. 1, 2012 - 4:46 AM PST

22 Comments

SUMMARY: *Dropbox reports that the recent spam attacks that impacted some European customers occurred when hackers used passwords obtained from outside sites to access some Dropbox accounts. The company promised a new two-factor authentication option and offered other tips.*

photo: Photo courtesy Dropbox

Dropbox

Security Concerns	40%
Storage Limits	25%
File Syncing Issues	15%
Laggy Responses	10%
Other	10%

Dropbox

Medarbejdernes synsvinkel:

Medarbejderne bruger cloud-tjenester bag hver anden it-chefs ryg

Hver anden it-chef vurderer, at medarbejderne på egen hånd bruger cloud-tjenester i arbejdet. Det letter trykket på budgettet, men kan give problemer med sikkerheden.

Af Jesper Stein Sandal Mandag, 13. maj 2013 - 10:44

Hver anden it-chef i Norden vurderer, at medarbejderne i virksomhedens forskellige afdelinge på egen hånd køber og bruger cloud-tjenester til arbejdet. Og hver anden it-chef vurderer, at d kan udgøre en sikkerhedsrisiko.

Det fremgår af en undersøgelse blandt it-chefer, som virtualiseringssoftwareleverandører VMware har fået foretaget.

Mens de nordiske it-chefer er forholdsvis skeptiske, så er deres kolleger i resten af Europa lid mere positive, hvor tæt ved tre ud af fire mener, at det er positivt, at medarbejderne tager initia til at bruge cloud-tjenester uden at gå gennem it-afdelingen.

Og fra cloud leverandørernes synsvinkel...

NSA Spying Risks $35 Billion in U.S. Technology Sales

By Nicole Gaouette | Nov 26, 2013 10:20 PM GMT+0100 | 125 Comments ✉ Email 🖨 Print

International anger over the National Security Agency's Internet surveillance is hurting global sales by American technology companies and setting back U.S. efforts to promote Internet freedom.

Disclosures of spying abroad may cost U.S. companies as much as $35 billion in lost revenue through 2016 because of doubts about the security of information on their systems, according to the Information Technology & Innovation Foundation, a policy research group in Washington whose board includes representatives of companies such as **International Business Machines Corp. (IBM)** and **Intel Corp. (INTC)**.

Photographer: Alex Wong/Gett

Medea Benjamin of CodePink protests as Director of the National Secu Agency Gen.... **Read More**

IBM Bans Dropbox: Should SMBs Follow Suit?

IBM's about-face on bring-your-own policy might be too draconian for small companies, but it serves as a reminder that some popular cloud services come with inherent risks.

If the bring-your-own era makes a technology bellwether like IBM uncomfortable, what does that mean for the rest of us?

If you missed it, Big Blue recently banned its 400,000 employees from using Dropbox, Apple's Siri, and other well-known applications on the corporate network. Given that IBM's business *is* technology, the decision to restrict which technologies its people can use to do their jobs is an eyebrow-raiser. Should small and midsize businesses (SMBs) pursue a similar policy?

9 Startups To Watch In 2012

(click image for larger view and for slideshow)

It depends on whom you ask. IBM obviously has a different set of needs and challenges--not to mention a different budget--than most SMBs. Still, IBM's revised approach does offer some reminders for any company that allows or even encourages employees to provision their own tools for activities such as backup or collaboration. Among IBM's reasons for the policy change: Security-related concerns.
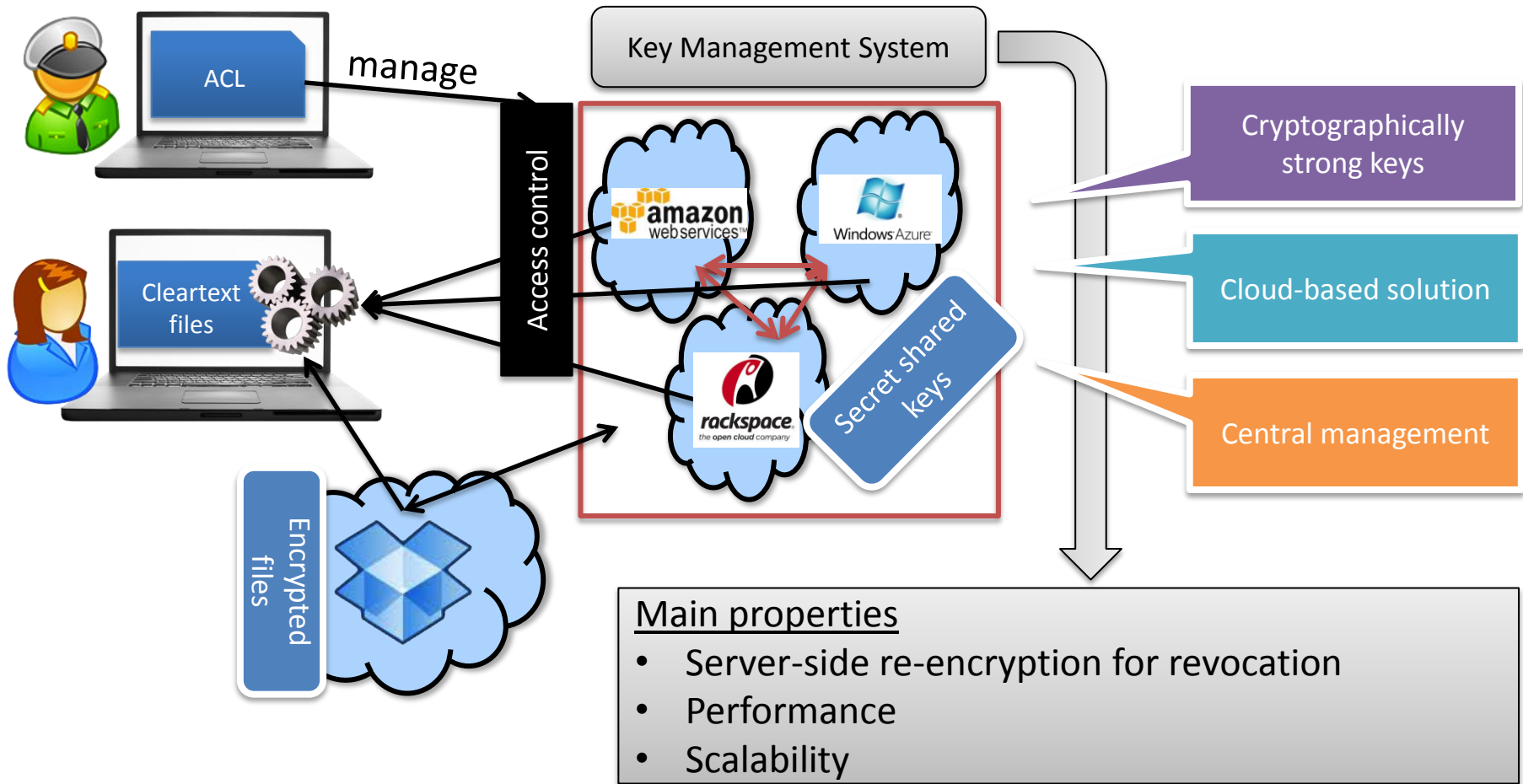
Sepior's løsning

Value proposition

- **Til medarbejdere:** Brug de cloud-tjenester som I kender og elsker!

- **Til CFO:** Benyt de billige cloud-tjenester!

- **Til CIO:** Krypter data så I ikke risikerer data-breach ved service cloud provider!

- **Til cloud service providers:** Integrer med Sepior så I ikke mister omsætning fra ængstelige virksomheder!

Teknologi

- Kryptering af data før de når cloud provider (client-side encryption)

- Integration med eksisterende cloud tjenester (ex. DropBox)

- Unik teknologi: Secure Multi-party Computation (beregning på krypterede data).

- Krypteringsnøgle kun samlet på den enkelte device, ikke hos hverken kunde eller cloud service provider.

Sepior tech set-up: Dropbox-example

ACL

manage

Key Management System

Access control

amazon
web services™

Windows Azure

rackspace
the open cloud company

Secret shared keys

Cryptographically strong keys

Cloud-based solution

Central management

Cleartext files

Encrypted files

Main properties
- Server-side re-encryption for revocation
- Performance
- Scalability

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