Data Sovereignty

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whoami

- OpenStack & Ceph engineer

- Software developer

- OpenSource cloud architect

- …… at KioNetworks (Datacenter, mision critical services)
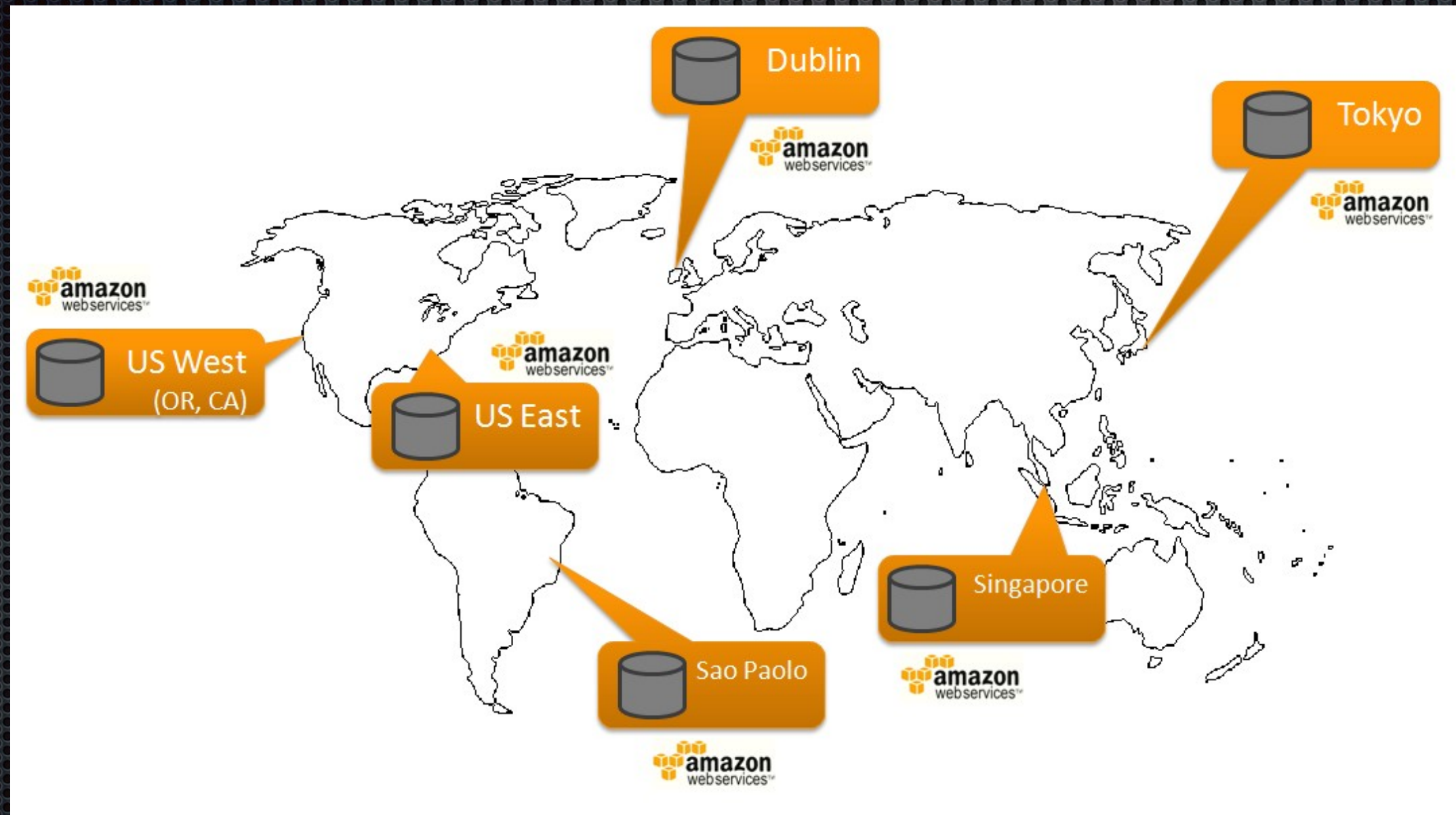
Data sovereignty

dency) is defined as maintaining control over the locat

reside [*].

Cloud providers (most important)

AWS Locations

Google Regions

Google Regions

SAFE HARBOR

HARBOR permits European cloud data to be stored in

But what's the problem?

evice, we leave behind vast amounts of personal information that
conditions, sexual interests, and behavioral patterns.

and what's the other problem?

act revealed by the ex NSA analyst Edward Snowden in the specif

subject to the laws of other countries

and what's the other
prob

act revealed   n the specif

Personal info of 93.4 million Mexicans exposed on Amazon (UPDATED)

Posted by Dissent at 7:13 am   Breach Incidents, Exposure, Government Sector, Non-U.S., Of Note

In today's installment of "Epic Infosecurity #FAIL," more than 93.4 million Mexican citizens have had their voter registration details exposed online due to a misconfigured database. Why a database with Mexican voters' information was hosted on a server outside of Mexico, who uploaded it to Amazon, and why it wasn't properly secured are questions in search of answers.

Last week, MacKeeper Security Researcher Chris Vickery contacted DataBreaches.net to report that he had discovered yet another misconfigured MongoDB database. This one, 132 GB in size, appeared to contain voter registration data from 93,424,710 Mexican citizens.

Vickery, who has blogged about this incident on the MacKeeper blog, provided this site with a redacted screen cap of an individual's record:

Tree View	Table View	**Text View**	

Json Text of Documents:

```
/* 0 */
{
   "_id" : ObjectId("███████████████"),
   "CONSECUTIVO_ALFABETICO_POR_SECCION" : █,
   "CLAVE_ELECTOR" : "████████
   "FOLIO_NACIONAL" : NumberLong("████████"),
   "OCR" : NumberLong("████████"),
   "APELLIDO_PATERNO" : "███████",
   "APELLIDO_MATERNO" : "████
```

The Snowden's legacy

The Snowden's legacy

Data sovereignty laws all over the world, but all with different interest and different approaches, in latin america governments are writing their own set of laws to protect companies and internet users but with an inexistent level of maturity and communication to generate unified laws for Latin America as a block of equal rules like the European Union

Privacy and spy shit in Mexico

PGR

minal procedure codes, which shall be replaced by th
ons and order data retention, obtain devices' geolo
communications, without a court order.

CISEN

ter for Investigations and National Security to interce

zation, in cases that have an "imminent threat" to na

]HackingTeam|

Teva Tech de Mexico Sa de CV
Ejercito Nacional 253 a piso 3 Anahuac
I Seccion Distrito Federal 11320
MEXICO

ID No. TTM120629FD4

Milan, January 30th, 2014

Invoice no. 003/2014

Remote Control System Maintenance Renewal (until 28/02/2015)	$63.000,00
Exploits (until 28/02/2015)	$50.000,00

Total Amount	**$113.000,00**

VAT does not apply in accordance with Italian Presidential Decree 633/72, art. 7

Payment terms:
30 days from the date of invoice
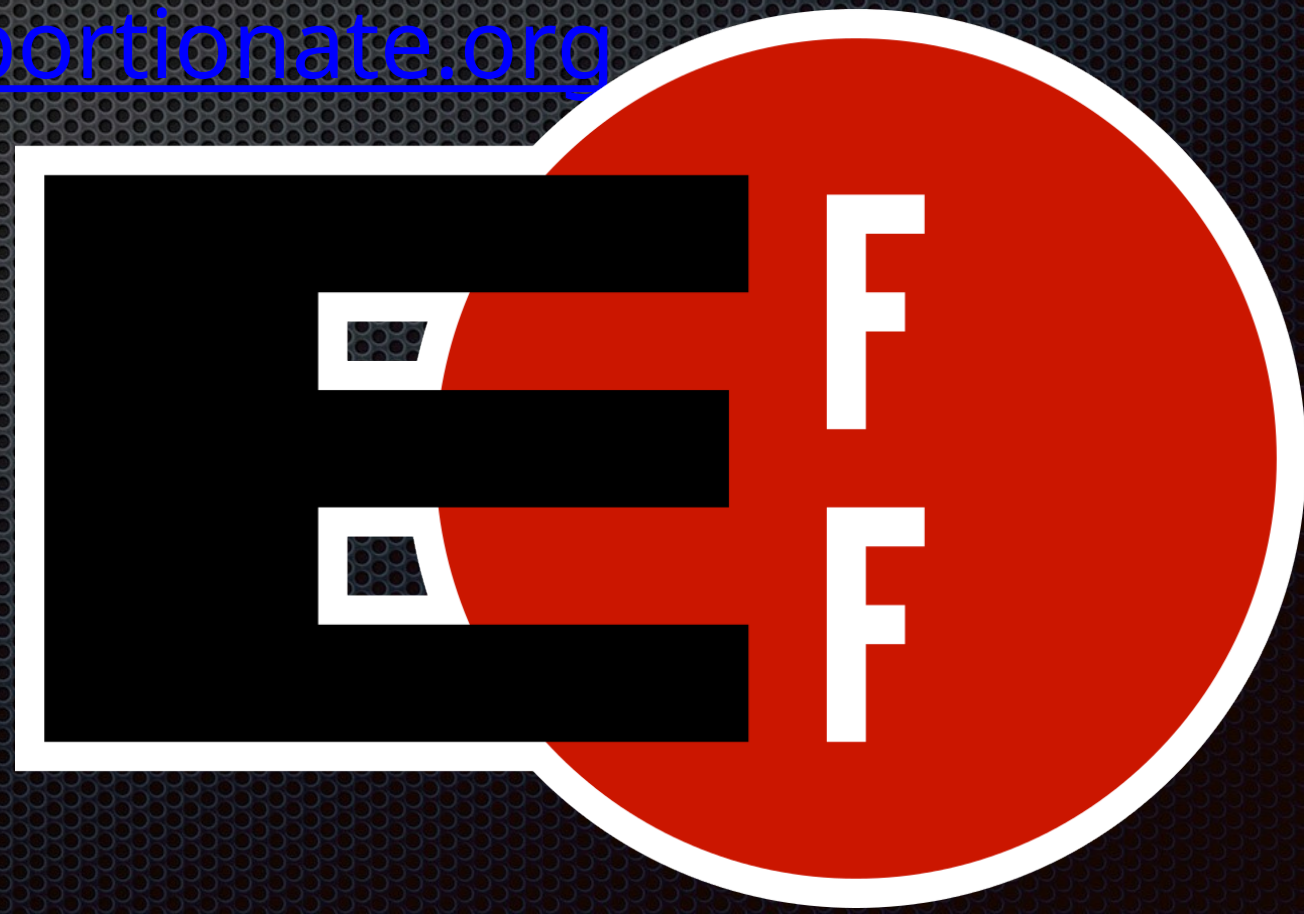
Addressing Data Residency Needs

- Data tokenization

- GeoLocation assets or Geo Tagging (TPM).

kill -9 the problem

Inform yourself!

- https://www.derechosdigitales.org/

- https://necessaryandproportionate.org

- https://www.eff.org/

Shhhhhhhh :)

:)

@alsotoes

https://headup.ws