Digital Sovereignty…
…and why open infrastructure matters

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→ https://scs.community/itrich

OpenInfra Summit 2022

Gefördert durch:

Bundesministerium
für Wirtschaft
und Klimaschutz

aufgrund eines Beschlusses
des Deutschen Bundestages

`$ curl https://scs.community/itrich`

Sovereign Cloud Stack (SCS) is federated cloud technology built entirely with Open Source Software — putting users and providers in control.

Gefördert durch:

aufgrund eines Beschlusses des Deutschen Bundestages

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Add contact

Digital Sovereignty...

We need to talk...

Digital Sovereignty...

Digital Sovereignty...

Digital Sovereignty...

"
There exists perhaps no conception the meaning of which is more controversial than that of sovereignty. It is an indisputable fact that this conception, from the moment when it was introduced into political science until the present day, has never had a meaning which was universally agreed upon.

– L. F. L. Oppenheim, 1912

Digital Sovereignty...

Supreme authority within a territory

– Philpott, 2020

Digital Sovereignty…

The notion of territory does not need to be restricted to the landmass, *"but also […] to resources lying on the territory such as human infrastructures"*

<div align="right">

– Couture & Toupin, 2019

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Digital Sovereignty...

Food sovereignty

Energy sovereignty

Digital Sovereignty...

Digital sovereignty?

... more than mere legal compliance

Dimension of competence

Technological dimension

Freedom of choice

Legal dimension

Legal dimension

Even if data is processed and stored solely in Europe, isn't there still a strong dependency on one single software vendor?

Freedom of choice

Okay, let's add alternatives!

Freedom of choice

But even if I can choose between different offerings, how can I influence the future evolution of the software?

Technological dimension

Technological dimension

But even if I can inspect, use, modify and share the software, how can I contribute to design decisions or upstream code?

Technological dimension

Open Source

Open Design

Open Development

Open Community

FANT4STIC

Technological dimension

Are we done yet?

But even if I can participate in the community developing the software, how the heck am I supposed to operate this stack at scale?

Dimension of competence

For true self-determination in the ever growing digital realm, we urgently need to build skills and share the knowledge freely and in unlimited ways also in the realm of operational knowledge — exactly the way we started with software code almost 40 years ago.

Dimension of competence

Curious?

Dimension of competence

Sovereign Cloud Stack

— An OSB ALLIANCE project —

✖

Wed, June 8, 2:50pm - 3:20pm | Berlin Congress Center - B - B05

An Open Operations concept

● **Open Development**

Open Infrastructure technology has become increasingly mature. Nevertheless, high quality management and operations of open platforms continues to require DevOps teams with significant skills. The Sovereign Cloud Stack project has been created with the goal to significantly lower the bar.

While the integration of a standardized operational stack helps the platform operations teams, it is only an important first step.

The next step is to create strong communities that share operational practices and make them openly available. Documenting best practices, publishing the little tools to do cleanup jobs or the setup of dashboards that can be used for capacity management are all important contributions.

Being transparent about bugs, incidents, security responses may sound disturbing to traditional Ops teams at first -- yet it is key to build up experience. It also helps to create trust with users, especially when incidents do occur.

This is the core of the Open Operations concept.

Speakers

Kurt Garloff
Open Infra Architect - Open Source Business Alliance

Felix Kronlage-Dammers
Product Owner IaaS & Operations SCS
- Open Source Business Alliance

➕

... more than mere legal compliance

Dimension of competence

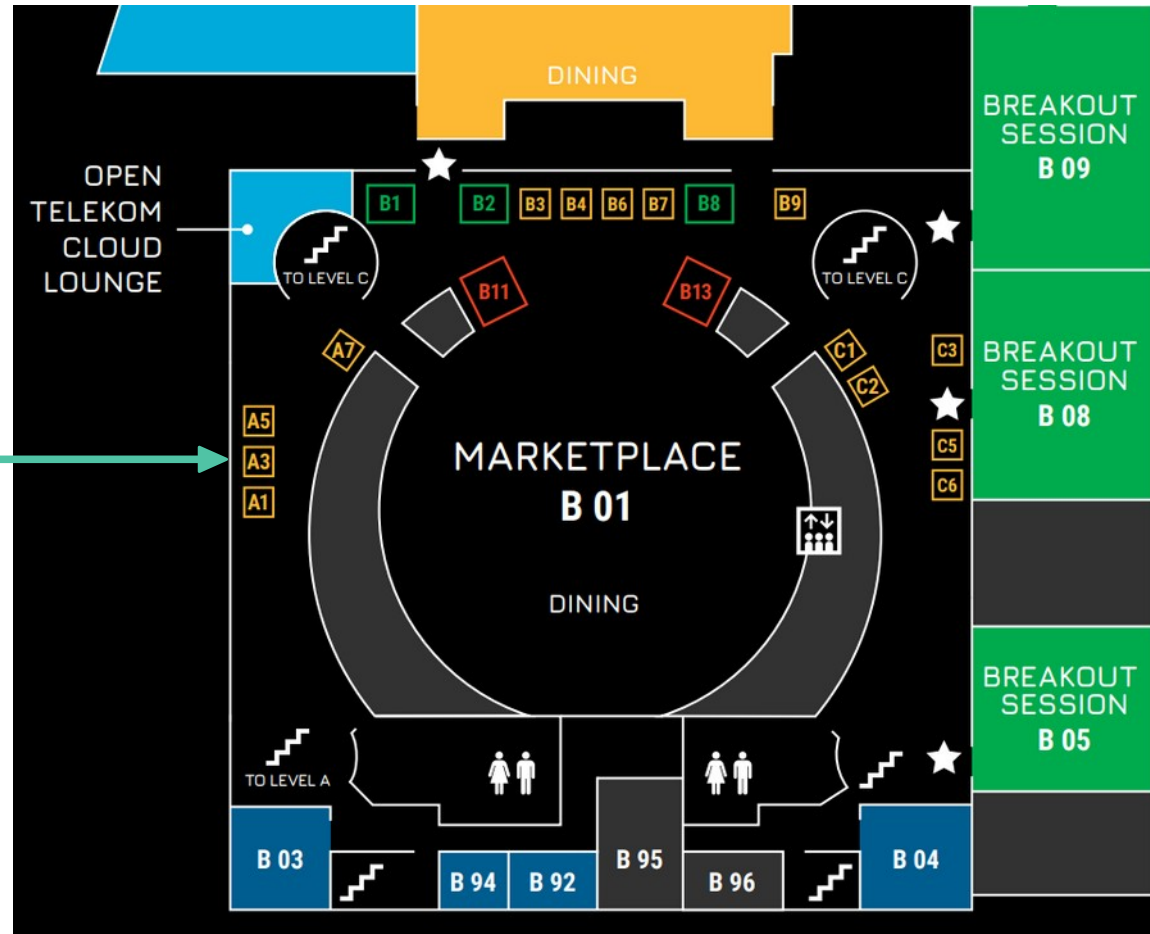Technological dimension

Freedom of choice

Legal dimension

Read more...

https://the-report.cloud

Read more...

... or pick-up for free here at the OpenInfra Summit!

Read more...

https://scs.community

Digital Sovereignty...

Let's change this!

Let's demistify digital sovereignty and embrace open technology hosted by an open community with open operational knowledge!