



AARHUS
UNIVERSITY

Digital Sovereignty

Security and privacy

EXAM fall 2025

| Name | Initials | student number |
|---|----------|----------------|
| Alexander Nygaard Thomsen | AT | 201911329 |
| Lecturer: Christian Damsgaard Jensen | | |

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1 Executive Summary

The purpose of this report is to examine, expand and define the organization's current dependency on non-EU technology, evaluate the key risks associated with this direction, analyse and propose EU alternatives. The goal is to identify and map a road to digital Sovereignty.

The current political climate is quite inhospitable and it has become apparent that world leaders make drastic, snap decisions that bring large implication to the technological landscape, where big tech can be leveraged as political thus inherently changing the risk of reliance on such services. Thus companies, with such reliances, risks getting caught in the crossfire.

Services where there is a heavy reliance, from companies such as *Microsoft*, which hosts Azure Active Directory (AD), used for identity management and *SharePoint* and *OneDrive*, which Lifeline Health Technologies (LHT) uses as a file sharing service, could suddenly become unavailable.

A loss of this service, which would be tantamount to loss of many years of technological IPs and achievements, could lead to unquantifiable damage to the company. Thus, in this inclement weather, a EU alternative for these services, is quintessential for a cloud based backup plan, along with a, yet to be implemented, physical backup.

Alternatives for Azure AD:

- Univention - German based software for identity & access management. A self hosted AD, requiring a virtual machine. Can then handle all authentication, along with other features such as single sign-on (SSO) and multifactor authentication (MFA)
- Scaleway - A cloud hosting service, to host VM's for infrastructure purposes.

Thus Univention can be hosted by Scaleway, thus removing the dependency on a Microsoft service.

In addition, the company's productivity suite, can be replaced by libre-office

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