

CZ.NIC's role in digital transformation of Czechia

APTL85 – Goa

Digital transformation

- Role of TLD registry should be - to be the driver of digital transformation of local community
- CZ.NIC strategy
 - Education
 - CSIRT
 - eGovernment
 - Tools for DataBoxes
 - Digital Identity

CZ.NIC's strategy

- Document describing overall goals of organizations
- 2020-2024 -
https://www.nic.cz/files/nic/doc/Koncepce_CZNIC_2020-2024_EN.pdf
- Prepared with input from full membership
- Key projects and why to work on these

Education

- Digital transformation requires certain skills
- Trainings and lectures
 - Under brand CZNIC Academy
 - ~20 different courses for various aspects (DNS, DNSSEC, IPv6,)
 - For public, but also for focus groups (teachers, gov. officials, police,...)
- Publication of books
 - Both translation of technology books into local language and also supporting local authors writing about topics in our scope
 - Both printed and electronic versions available

CSIRT

- Digital transformation must be performed with security in mind
- Computer Security Incident Response Team
 - Organizational CSIRT
 - National CSIRT (based on agreement with government) to handle all non-gov incidents
- Helping to establish CSIRTs for other organizations
- Participation in global community (Terena, FIRST, ...)

eGovernment

- Digital transformation of society is not possible without working eGovernment
- In Czechia, one of pillars of eGovernment is project of DataBoxes – official eDelivery service how people and organizations can communicate with government.
- Since it's introduction in 2009 there was only a web client
- We are developing desktop and mobile version of client which is highly popular.

Digital identity

- Digital transformation requires functional digital identity
- CZ.NIC launched in 2010 a digital identity project on top of domain owners database – MojID (my ID in Czech language)
- Czech Government introduced official digital identity for citizens in 2018
- Czech Government recognized MojID as existing digital identity that users may use for access to governmental services
- MojID can be used cross border according European eIDAS regulation.
- We closely participate in upcoming introduction of European Digital Identity Wallet

Thank you for watching!