



# Welcome to Hyperledger Vienna #6

„Identity for all“

Klaus Johannes Rusch – IBM

Markus Sabadello – Danube Tech

Dimitrij Klesev – nic.at

Alexander Mayrhofer – nic.at

# Hyperledger Vienna #6: Identity for All

- Welcome & Administtrivia!
- Today's Agenda:
- [0] Welcome Alex Mayrhofer, nic.at
- [1] Hyperledger Update Klaus Johannes Rusch, IBM
- [2] Hyperledger Indy
  - Intro to ZKP Dimitrij Klesev, nic.at
  - Sovrin & Hyperledger Indy Markus Sabadello, Danube Tech
  - (optional: Namespaces) Alex Mayrhofer, nic.at
  - (optional: Demo) Markus Sabadello, Danube Tech

# nic.at – your host today!



- Registry Operator for .at
  - 1.3M Domain Names
  - ~400 Registrars
  - Global Nameserver network
  - We answer around 0.5 billions of DNS queries each day
- Founded in 1997
  - Offices in Vienna and Salzburg (Austria)
  - ~60 employees
  - 100% owned by Internet Foundation Austria

# Products & Projects



## RcodeZero DNS

- DNS-Netzwerk for Top-Level-Domains und ISPs



## Registry-in-a-Box – new gTLDs

- Operations for .berlin, .hamburg, .versicherung, ...



## Domain Registration

- Since 1997, 1.3M Domains



## Research & Community Engagement

- Technology, Organisations, Standardizations ...

# Blockchain related work @ nic.at

- Understanding Blockchains in general
  - Functional, rather than financial aspects
- Blockchains & the Domain Name System
  - Naming & Identifiers schemes
  - Connecting the DNS with Blockchains
    - <https://tools.ietf.org/html/draft-mayrhofer-did-dns-00>
- Identity Management
  - Sovrin & Decentralized Identifiers
- Connecting with the community!



## nic.at GmbH

Jakob-Haringer-Str. 8/V · 5020 Salzburg · Austria

T +43 662 4669 - 34 · F -29

alexander.mayrhofer@nic.at · [www.nic.at](http://www.nic.at)