Perun Evolution

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I. Stage - Perun as a Software

- Custom development
  - Using existing open-source components
- IdM
- Federation
  - Mostly Czech federation eduID.cz
- Advanced features
  - Account linking
  - Delegation
- Generic solution
- Looking for new projects, use cases

II. Stage - Perun as a Service

- IdM is complex topic
- Specialized team needed
  - Contribution is complicated for newcomers
- Authentication and Authorization Infrastructure (AAI)
  - Scaling
- Building coherent IdM
  - For research and education
- Delivering Perun for others

III. Stage - Perun as a Ecosystem

- Proxy
- Identity and Access Management - IAM
- Full AAI solution
- AARC Blueprint architecture
- Modularity
- Standardization
- Establishing stronger collaboration with communities
- Solving all AAI challenges

IV. Stage - Perun as a Solution

- Technical aspect is not important
- User facing service
- Understanding the users and community
- Flexibility
- Reliability
- User Experience
- Partnership
- Be a few steps ahead of current needs from communities

V. Stage - Perun as an Expertise

- Understand wider domain context
- Coming up with complex solution
  - Know-how
  - Technical aspects
- Covering all aspects
  - GDPR
  - Applicability
- Closer collaboration with domain experts
- Strong partnerships

Conclusion

- AAI is more and more important
- Future from a technical perspective is clear
- Collaboration models with communities are evolving
- Moving towards stronger, closer partnerships
- Evolution is never ending

Thank you!

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