



Revolution from on-prem to cloud with AI steroids

SIG-MSP 23.10.2025 @Prague

Funet development manager Harri.Kuusisto@csc.fi

CSC - IT Center for Science

- We provide **internationally high-quality ICT expert services** to our customers
- CSC has **one of the world's most eco-efficient data center environments** located in Kajaani, Finland
- Our primary customers are the **Ministry of Education and Culture** and the organizations in the domain, **higher education institutions**, research institutes and public administration
- CSC is a **non-profit** state enterprise
- CSC operates Finnish NREN **FUNET**
- **TNC26 conference in Helsinki, Finland**
8th-12th June 2026
<https://connect.geant.org/2025/10/13/tn-c26-sisu-and-the-finnish-key-to-success>



CSC is owned by the state of Finland (70%) and Finnish higher education institutions (30%)

CSC was founded in 1971

Revenues in 2024
95 million euros

Today CSC has
700 employees

Service Revolution from on-prem to cloud

"Good(?) Old Days"

- Adobe Connect on-premise
- Zoom on-premise
- Panopto on-premise
- Kaltura on-premise
- Atlassian Confluence and Jira on-premise
- ...
- Services on-premise

"The Current Future"

- Service providers are shutting down on-premise solutions and preferring Cloud based solutions



Any questions?

- “But how about sensitive data?”
- “But how about security?”
- “But how about backups?”
- “But how about reliability?”
- “But how about this?”
- “But how about that?”

- Case AWS
<https://www.theverge.com/news/802486/aws-outage-alex-fortnite-snapchat-offline>



Case Atlassian

- <https://www.atlassian.com/blog/announcements/atlassian-ascend> published September 8, 2025 and says “cloud first” (and cloud only... Ed. Note 😊)
 - Timeframe: on-premise support EOL March 28, 2029.
- CSC has been providing **large scale** on-premise and federated Eduuni Collaboration services <https://info.eduuni.fi/en/home/> for our customers for nearly two decades including
 - Atlassian Confluence and Jira
 - Microsoft Sharepoint and M365
- It will be **challenging** to provide cloud based federated Atlassian services to enable collaboration across organizational boundaries
- Many other NRENs are facing the same challenges

What should we do?



1st Atlassian on-prem operator NREN assembly October 28th 11:00 CET

- The Zoom will start 11:00 CET (12:00 EET)
- Please, prepare to give a short presentation ("lightning talk"), which gives insight to your NREN's situation and approach to the topic. The Zoom will last approximately 90 minutes.
- More details from CSC contact person **Jari.Miettinen@csc.fi**





Thank You !



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