Microsoft Integration Concept

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Tr&Id WG Meeting, Berne, 15 May 2019
Typical AD-connected service types

Microsoft cloud services
- O365 (web, fat client)
- Azure

«modern» on-prem services
- With federated login (AAI, ADFS)

«legacy» on-prem services
- Basic
- NTLM
- Kerberos
- Own userstore

edu-ID auth
To be assessed
AAD = Azure AD

Demo in 15min

edu-ID login shown at update event ‘18

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Goals of MS-Integration

• Extend our identity support for academic collaboration to also cover MS tools and processes in use at universities

• Support all users relevant to our community to interwork in this context without the need to set up an additional account with separate credentials with Microsoft

• Minimise data exposure to Microsoft in our identity support services
The MS world (deliberately oversimplified)

The MS path towards the cloud (and away from «on-prem»)

AD/ADFS, AD join, services on-prem

the past

today (for some)

today (for others)

“edu-ID migration Time” (for most)

AAD, AAD join, services on Azure

Hybrid, AD/AAD

edu-ID migration support

New edu-ID features

the future
What happened since June 2018?

• Community specialists validation workshops autumn 2018 → prioritised use cases:

1. **The “guest use case”:**
   • Share MS-protected resources with other edu-ID users (not necessarily members of an Azure tenant)

2. **Service offering** (Alumni, continued education etc.):
   • Known users, no organisational mail address («bring your own email»)

3. **Legacy applications:**
   • «lab users» to access shares with their macs or PCs (not necessarily domain-joined)
   • Printing
   • Seamless SSO with SPNEGO

4. **Passwort-(Hash)-Synchronisation:**
   • If needed for the cases above
Roadmap

• Migration support
  – **Seamless SSO with SPNEGO**: domain-joined clients are automatically authenticated against AAI/edu-ID services
    → On the roadmap for implementation summer 2019
  – **edu-ID authentication to Azure AD**: migrated organisations may use their edu-ID for authentication in Tenants
    → Implemented for SWITCH, Distance University to follow
  – **Additional features** will be assessed during planning projects as needed

• New features
  – **Guest Use Case**: equip edu-ID users with a method to get invited to tenants with their edu-ID
    → On the roadmap for piloting/PoC xxx
Benefits of edu-ID with MS-integration

- Studies, using O365 and licensed content
- Matriculation process, re-use edu-ID
- University roadshow, use FIDES-ID to create edu-ID
- School (with FIDES-ID)
- Alumni services
- Private library user (SLSP/RERO)
- Continued education (licensed content, O365 & Sharepoint)
- SME employee in project collaboration using MS-Teams
- Continued education (licensed content)
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