



NORDUGRID

*Grid Solution for Wide Area
Computing and Data Handling*

SAML and ARC

Aleksandr Konstantinov,
Nordugrid Collaboration

SAML usage in ARC

- Usage in production components
 - None
- Usage in development components
 - Attribute Authority service - similar to VOMS
 - Service Provider - “SAML2.0 Web SSO Profile” - turns username/password into X.509 certificate
 - Shibboleth-based SLCS service

SAML usage in ARC

- Need for SAML usage
 - No protocols/services which are currently supported require SAML
 - No protocols/services which are currently supported can make any use of SAML
- Plans for SAML usage
 - Make SAML as usable as X.509 for delegation
 - Provides much better flexibility and more fine-grained control
 - Does that in “standard” way
 - Does not require complex WS-unfriendly delegation procedure