

Kerberos Working Group Interim Meeting Kerberos Interoperability Event

Klaus Schutz

Director of Development

Windows Security Access
Control

Introduction - Agenda

- Our partners
- Importance of Kerberos
- Interoperability
- Future Directions

Our partners

- Argonne National Labs
- Carnegie Mellon University
- Cisco Systems
- EMC
- Heimdal
- Massachusetts Institute of Technology
- Novell Inc.
- Secure EndPoints Inc.
- Sun Microsystems
- University of Pennsylvania

Importance of Kerberos for Microsoft

- Kerberos is used as THE authentication protocol for Windows in enterprises
- Kerberos integration with AD
- Dedicated and highly skilled team of engineers in Windows and
- IETF contribution through Paul Leach, Larry Zhu and JK Jaganathan

Kerberos Interoperability

- Microsoft is committed to interoperability
- We extensively test Kerberos with other implementations: MIT, Heimdal
- We develop tools – such as GSSMonger – to improve interoperability
- Tests with other implementations are standard for our sign off criteria

Future Directions

- Support of new algorithms for Kerberos
- Agnostic crypto is highly important to many customers
- Microsoft makes a big investment in crypto agnosticism (Kerberos, SSL, IPSec, S/Mime, etc)
- Further strengthening Kerberos as the most widely used authentication protocol.