



SITE DESCRIPTION AND CONTACTS

Public University

1949 - founded as a technical institute with two faculties
2010 - eight faculties and three academic institutes

Network

Campus network
10G backbone
Support IPv6
Part of CESNET (GEANT2, TERENA)
Eduroam (www.eduroam.org)
200 servers
100+ APs in WiFi network
7,800 end users PC (3,200 in dormitories)

Users

19,000 students
2,000 faculty and staff
23,000+ accounts (6,000 change per year)

Contacts



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AFS Administrator



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Kerberos Administrator

AFS & KERBEROS INFRASTRUCTURE

AFS

11 file servers in three separate locations
FC infrastructure (~10 TB for AFS)
Debian GNU/Linux i686, kernel 2.6.30
openafs-fileserver 1.4.7
reiserfs => xfs
40,000 volumes
Three database servers
Solaris 9
Hundreds of clients
Windows XP (800+)
Linux (350+)
Solaris
Mac OS X, Windows 7

Kerberos

23000+ Active accounts
1500+ Service principals
One Master server
Solaris 9 - SPARC arch.
3 slave servers in 3 separate locations
Solaris 9 - SPARC arch.

MIT kerberos 1.7
Incremental replication
Windows AD cross-realm trust

CURRENT USAGE AND ONGOING PROJECTS

AFS

Configuration files
Software repository
Installation desktops and servers
Projects (assigning disk space)
Web sites
Users home directories

Kerberos

Main auth mechanism
Linux, Windows - native win mechanism
Web - WebAUTH
LDAP
VPN
Oracle Databases

Projects

Web AFS interface
File Drawers
Object Storage in OpenAFS
Cooperation with Christof Hanke
PKI integration
Clients with native Windows FS support

