

SITE DESCRIPTION AND CONTACTS

Public University
Founded in 1972 with 17 departments
Since 2002: 5 faculties
Positioned as "University of information society"

14,000 students
1,400 employees
21,000 accounts



Campus network and WLAN (300+ APs)
10G backbone, IPv4
XWIN node
Eduroam
VMware Cluster with 16 ESX servers
(542 GHz, 1,14 TB), 305 VMs
Storage Cluster with 300 TB

Contact



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AFS, Kerberos, Virtualization,
Storage and everything

AFS & KERBEROS INFRASTRUCTURE

AFS

10 virtual file servers
Debian Squeeze amd64
openafs-filer 1.4.12.1
XFS
21,000 RW-volumes
3 virtual database servers
Debian Squeeze amd64
openafs-dbserver 1.4.12.1
Hundreds or thousands of clients
Windows XP, Vista, 7, Linux
Mac OS X

Kerberos

23,500 accounts
1500 service principals

1 virtual master kdc
Debian Lenny amd64
3 virtual slave kdc
Debian Lenny/Squeeze amd64
MIT Kerberos 1.6
Windows AD cross-realm trust
automatic password-sync into AD

CURRENT USAGE AND ONGOING PROJECTS

AFS

User homes
Group and project homes
Web sites
Typo3 and MediaWiki installations for
webserver clusters
Software repository

Projects

buta with Linux and TSM (volume backup)

Kerberos

one of several authentication mechanisms
(also LDAP and AD)