



SITE DESCRIPTION AND CONTACTS

Public University

1810 founded as first University of Berlin
 2010 University celebrates 200 years with multiple events
<http://www.hu-berlin.de>
 11 faculties also human medicine
 15 collaborative Research Centers
 13 Graduate Schools
 3 Campus Sites
 Central Campus: Humanities and Social Studies
 Adlershof Campus: Natural Sciences
 North Campus: Life Science

Computer- and Media Service (CMS)

located at Campus Adlershof with other scientific institutes
 10 G backbone network, WLAN, X-WIN, BRAIN
 DFN, Eduroam
 Services: File service, Compute service, Multimedia service
 PC-Pools
<http://www.cms.hu-berlin.de>

Users

35,000 students
 including 4.500 international from 100 countries
 1,800 academic staff
 40,000 CMS accounts, every student and staff

Contacts for AFS & Kerberos

Dipl. math. Daniela-Maria Pusinelli
 CMS, Staff, Group System software

Stanislav Filippov
 CMS, Student worker, Group System software

AFS & KERBEROS INFRASTRUCTURE

AFS

5 File server on 2 different locations
 3 Database Server
 all Debian Linux 2.6.26
 8 TB SAN Storage
 34,400 Volumes
 but only 153 used, 95 for user (because optional)
 Clients of different Operating Systems

Kerberos

43,340 entries
 1 Master Server and 2 Slaves
 Heimdal Kerberos
 accounts are created with ADUM Server
 password is transported from CMS account to Kerberos

CURRENT USAGE AND ONGOING PROJECTS

AFS

optional offer to all CMS accounts
 but not original home directory
 Software Distribution for central software
 Group directories for collaborative work
 Webafs Interface
 available on all central servers

Kerberos

there exists other auth mechanism
 but there is only one password for UNIX auth
 on some clients integrated login possible
 LDAP

Projects

Identity Management
 IPv6 Integration
 Cross Realm trust
 Object Storage in OpenAFS
 Integration of AFS into SGE on Compute Cluster
 DB Server Slaves on virtual machines

