

SITE DESCRIPTION AND CONTACTS

University

- * supported by the state
- * founded 1992

Department

- * relatively small
- * founded 1996

network

- * WiFi
- * 10/100/(1000)
- * starting support for IPv6
- * managed by central administration

Users

- ~ 1,000 students (dia.uniroma3.it)
- ~ 200 faculty and staff (vn.uniroma3.it)
- ~ 200 change per year (mainly students)

Contacts



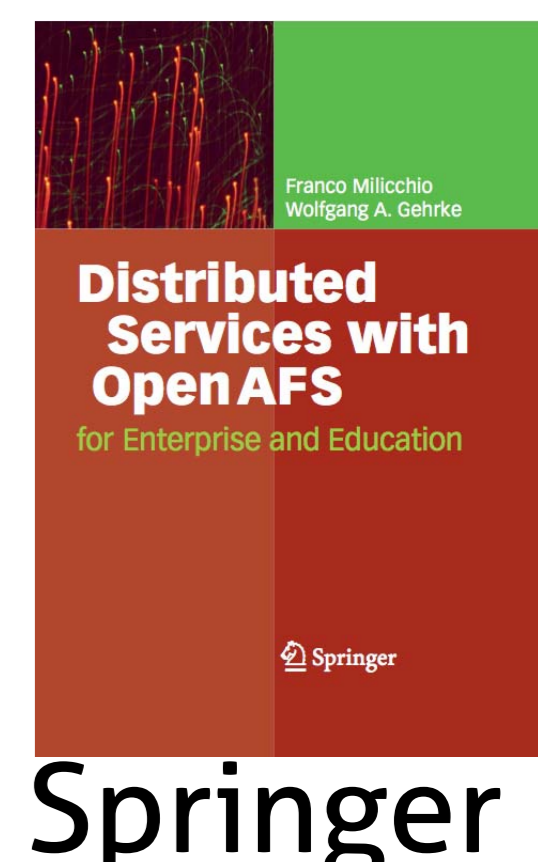
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AFS & KERBEROS INFRASTRUCTURE

AFS

vn.uniroma3.it

- started to unify different Unixes
- based on RedHat, Scientific Linux
- NIS for user information
- 3 db servers which are file servers
- ~100 clients (desktops, notebooks)

dia.uniroma3.it

- started for better laboratory support
- Debian Linux, OpenSolaris (Nexenta)
- LDAP for user information
- 3 db servers, 4 file servers
- ~100 clients (Linux in the labs)

Kerberos

DIA.UNIROMA3.IT

- pure Kerberos V
- MIT Kerberos 1.6
- service principle for apache
- service principle for imap
- service principle for ldap
- service principle for nfs
- service principle for postgres
- service principle for procmail
- service principle for ssh
- no Windows Active Directory
- no cross-realm
- master slave replication

CURRENT USAGE AND ONGOING PROJECTS

AFS

HOMEs

- http://www/~user/
- place for mail folders
- central storage of configuration files
- central software repository
- some shared dirs for secretaries

Kerberos

- predominant authentication method
- module for Apache
- in combination with ssh
- using PAM module
- applied for PostgreSQL
- under Linux, OS X, Windows

Usage for lectures

- * parallel and distributed computing
- * dedicated volumes for exams
- * collaboration of students by subversion

Projects

- * centralized Debian installation
- * testing centralized Ubuntu installation
- * reflect combination with glusterFS

