Hungarian Site Report

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KFKI RMKI

Content

- KFKI Campus issues
- KFKI RMKI Grid-related activities
- Hungarian Grid-related activities

Campus backbone, IPv6

- Campus backbone upgraded to Gb Ethernet this summer:
  - new cabling (old one was multimode optics)
  - router, switches, firewalls
- IPv6 deployment - central services are available over IPv6:
  - DNS
  - ftp
  - http
  - ssh

Spam & virus filtering

- Central spam & virus filtering on the mail gateways (SPARC, Solaris):
  - Postfix MTA
  - all **incoming** mail traffic is forced trough the gateways
- Virus filtering:
  - content filter: .exe, .com, .bat, .src, .pif, .shs, ...
    - .zip is OK
  - uvscan via amavis
    - Couple of virus filtering engine for Linux...

Spam filtering

- Spam filtering at the SMTP level
- Dozen of user-configurable filtering option:
  - campus domain blacklist; honeypot database (IP)
  - dialup machine names (ppp, dial, dsl, etc.)
  - sender machine DNS checking
  - EHLO/HELO checking; DNS checking
  - 7 RBL lists
- Daily reports on the filtered out messages
- Personal white-listing support
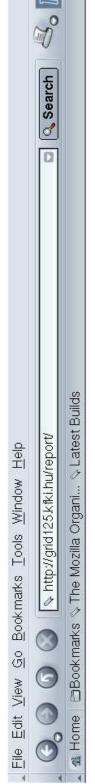
KFKI RMKI Grid

- Current status: 50 CPU's, 1.8TB disk
  - disk server: Dual Intel Xeon (2GHz), 1GB RAM, 20GB mirrored system, 1.6TB data (RAID5)
  - 25 Dual AMD Athlon 2000+, 1GB RAM, 60GB disk
  - RedHat Linux 7.3.1, 2.4.18-18-7.x.cernsmp
- Status at the end of this year:
  - 100 CPU's, 4TB disk
- Status at the end of 2003/beginning of 2004:
  - 150 CPU's, 22TB disk

RMKI Grid

KFKI RMKI Grid & LCG

- Name of the center: BUDAPEST
    - http://grid-deployment.web.cern.ch/
    - http://lcg.web.cern.ch/LCG/
- LCG1 installation & upgrade to 1.0.1
- Plan to be part of the LCG certification testbed

RMKI GRID

SiteName BUDAPEST

Contact gridadm@rmki.kfki.hu

Domain kfki.hu

Date	Message of the Day
21/09/2003	Upgrading to LCG1-1_0_1.
08/09/2003	Running LCG1-1_0_0.
22/08/2003	All the services are installed.
17/08/2003	Joining LCG-1 !
01/08/2003	LCFGng server succesfully repopulated.
05/07/2003	Videoless install of LCFGng clients is solved.

Type	Host	System	Middleware	Install	Status Install	Status Operation	Comment	Local Comment
LCFG	lcg.kfki.hu	RH 7.3	-	manual	configured	running	-	repopulated
CE	grid109.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
UI	grid110.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
SE	grid100.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
RB	grid111.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
PROX	grid112.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
BDII	grid113.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
WN	grid114.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
WN	grid115.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-
WN	grid116.kfki.hu	RH 7.3	LCG1-1.0.1	LCFGng	configured	running	-	-

EGEE

- Hungarian institutions signed the EGEE project proposal
  - BME (Budapest University of Technology and Economics)
  - ELTE (Eötvös Loránd University of Sciences)
  - KFKI RMKI (KFKI Research Institute for Particle and Nuclear Physics)
  - MTA SZTAKI (MTA Computer and Automation Research Institute)
  - NIIF (National Information Infrastructure Development Office)

HGCC

- Hungarian Grid Competence Center established on 14 Mar 2003:
    - BME, ELTE, KFKI RMKI, MTA SZTAKI, NIIF
    - + MTA (Hungarian Academy of Sciences)
- 25 Sep 2003: Grid Dissemination Day