

# Nikhef Site Report

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# Outline

- Personnel
- Single Sign-On
- Windows
- Linux Cluster
- Storage
- Network
- Mail
- CHEP

# Personnel

- Computer Group
  - group leader
  - Wim Heubers > Ronald Starink
- AMS-IX housing
  - infrastructure services
  - Wim Heubers > Koen Keijer
- next years
  - few others retire

# Single Sign-On

- password
  - sso.nikhef.nl
- usage
  - local applications
  - Surfconext
- LDAP
  - RFC 2307bis
    - EMC netgroups
  - linux
  - Windows

# Windows

- Windows XP > Windows-7
  - before April 2014
- domains
  - nikhof.nl > ad.nikhof.nl
    - Server 2012
  - passwords set (SSO)
    - python scripts
    - groups
- Windows-8
  - laptops

# Linux Cluster

- local filesystems
- blade systems
  - Dell M1000e (6)
  - Dell M600 (96)
- dedicated subnet
  - cloud
- shared grid

# Storage gluster

- Dell
  - R515 + 12\*3 TB (8)
- flexible, easy manage/setup
  - fine tuning
- /data
  - glusterfs
- cluster usage
  - client side stability
  - load balancing
  - full file systems

# Network / Storage

- Campus Challenge
  - Surfnet
  - 3 Institutes
    - AMOLF, CWI, Nikhef
  - Juniper EX9214
    - 32 x 10 Gb (2)
    - logical systems
  - Hitachi HUS150 / HNAS3090
    - 240 TiB
    - Juniper EX4550 (2)



# Network

- IPv6
  - servers
  - desktops
  - router
    - filter in
    - foundry-trac1 (David Groep)

# Mail (web interface)

- Horde
- SoGo
  - IMAP (cyrus)
  - calendaring
  - address books
  - exchange

# CHEP 2013

- Beurs van Berlage
- 490 registrations
- 196 talks
- 254 poster
- Big Succes !



# Questions?