

Information systems at Metropolia UAS

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Mikko Mäkelä & JHH



Figures of IT services

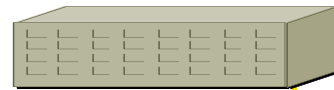
- Clients: students and staff around 15 000
- IT services staff 55-60
- Strategic IS (information systems) 10
- Supported application software 350
- Workstations 6 000
- Servers: Physical servers 100, virtual servers 40
- LAN speed 100 Mbit/s
- Base network: between 20 locations 105 km, speed predominantly 1 Gbit/s, always at least 100 Mbit/s

Campus network - part of Metropolia

Windows servers

Mac servers

Workstations (over 200)



**Arts & Design,
Tikkurila**

SM/100 Mbit/s

**Over 900 workstations
Windows servers
1 Unix server**



Vantaa, Myyrmäki

Windows servers

19 Linux servers

2 Mac servers

**Over 700
workstations**



Espoo, Leppävaara

1 Gbit/s

other locations:

**Helsinki Bulevardi,
Meilahti, Arabia, etc.**

1 Gbit/s



**Funet/
Internet**

User id:

- For login to computers
- One id, one password (single sign-on)
- To use the tuubi portal and other services at school and from home
- Reading email with phone
- Use eMaterial from the library
- Shell access to Linux servers
- other universities via Haka network

To do:

- Activation of IDs
<https://activation.metropolia.fi>
- Password changes
<https://amme.metropolia.fi>
- E-mail
<https://mail.metropolia.fi>
- Course enrolment
<https://webwinha.metropolia.fi/metrowille>
- Portal to services
<https://tuubi.metropolia.fi>

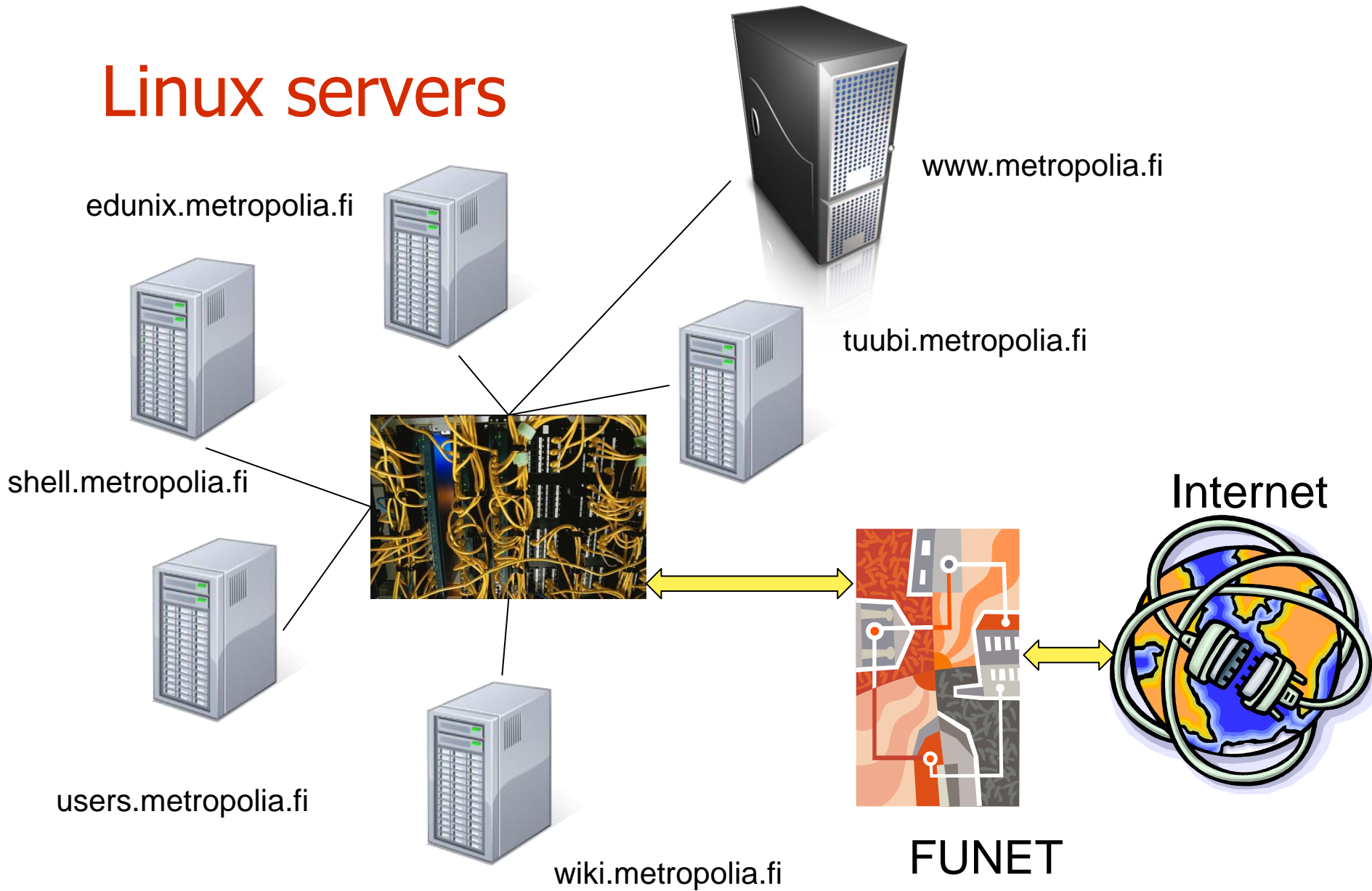
Services

- User ID / e-mail address
- Home directory / home pages
- Remote connections (ssh)
- File transfer (ftp)
- webmail
- pop and imap -services

Servers

- www.metropolia.fi
 - public www pages
- tuubi.metropolia.fi
intranet
- moodle.metropolia.fi
learning environment
- wiki.metropolia.fi
learning environment/ IT info/ blogs

Linux servers



Linux servers

- `shell.metropolia.fi`
 - Linux-shell-environment
 - Home directories
 - File transfer to home directory using `scp-` or `sftp -`
 - No program execution
- `users.metropolia.fi`
 - user home pages (php/html)
 - No program execution

Linux servers

- **edunix.metropolia.fi**
- Linux-shell-environment and programming platform
- where you can execute programs and practice Linux use.

WLAN settings

- WLAN is available for guest users in all Metropolitan locations.
- WLAN provides all public services and internet connections using HTTP/S, SSH, IMAP/S, FTP and IPSec.
- No access to the local internal services
- WLAN use for students:
 - SSID = metropolia-student
 - ID and password = your own
 - Encryption = WPA/TKIP and WPA2/AES
 - IP settings automatically from DHCP
 - Internet and public pages; some internal student services

PC-classrooms

- Reduced user rights
 - Use Documents as saving location
 - Computers have a volatile user profile, and most changes to user interface will be lost when you logout or the computer crashes. Don't save to the desktop, it will be lost.
- Network drives
 - Z:-drive homedrive 500 Mb space / student
 - Can be used thru portal and is your linux-home directory
 - S:-drive network dumping ground for temporary files, is being cleaned automatically
 - Seen in Shell–linuxserver as /scratch
- Programs in classrooms -> tietohallinto.metropolia.fi

Classroom software: standard

7zip
Adobe Acrobat Reader
Amaya
CdBurnerXP
Inkscape
Internet Explorer
Irfanview
Java
LibreOffice
MozillaFirefox
Movie Maker
MS Expression Studio
MS Office 2010
MS Mathematics
MS Project 2010
MS Visio 2010
Paint.Net
Picasa

PDF-Xchange
Putty
WinSCP
VLCPlayer
VMWare View Client

Astah Professional
Citrix Online Plugin
DataStudio
FreeMAT
iThink8
Kompozer
LoggerPro
Matlab R2012a
Navita Yritysmalli
Nova CS Pro
Octave
Paint Shop Pro

R
SAP
Second Life Viewer
SPSS SmartViewer 15.0
SPSS PASW Statistics 18
VmWare Player
wxMaxima
vSphere Client

DON'T PAGE

- DON'T screw up computers
- DON'T take food or drinks to classrooms
- DON'T break the Rules of Conduct
- DON'T give userid/password to anyone
- DON'T touch a computer with a maintenance note
- DON'T install your own programs to PC's
- DON'T even think to connect your laptop to schools' wired network

YES - PAGE

- Use computers in classrooms freely when ever there is no teaching going on
- Use WLAN in all locations
- Ask help from a teacher / tutor
- Also visit helpdesk when you have problems
- You can also read THE MANUAL or press F1-key, to find help

Problems?



- restart your workstation or logoff/on
- follow messages on the Tube portal
- More info:

<http://tietohallinto.metropolia.fi>

or

<https://wiki.metropolia.fi/display/itservices/Front+page>

Help is available at
hd.metropolia.fi