LabraNet info
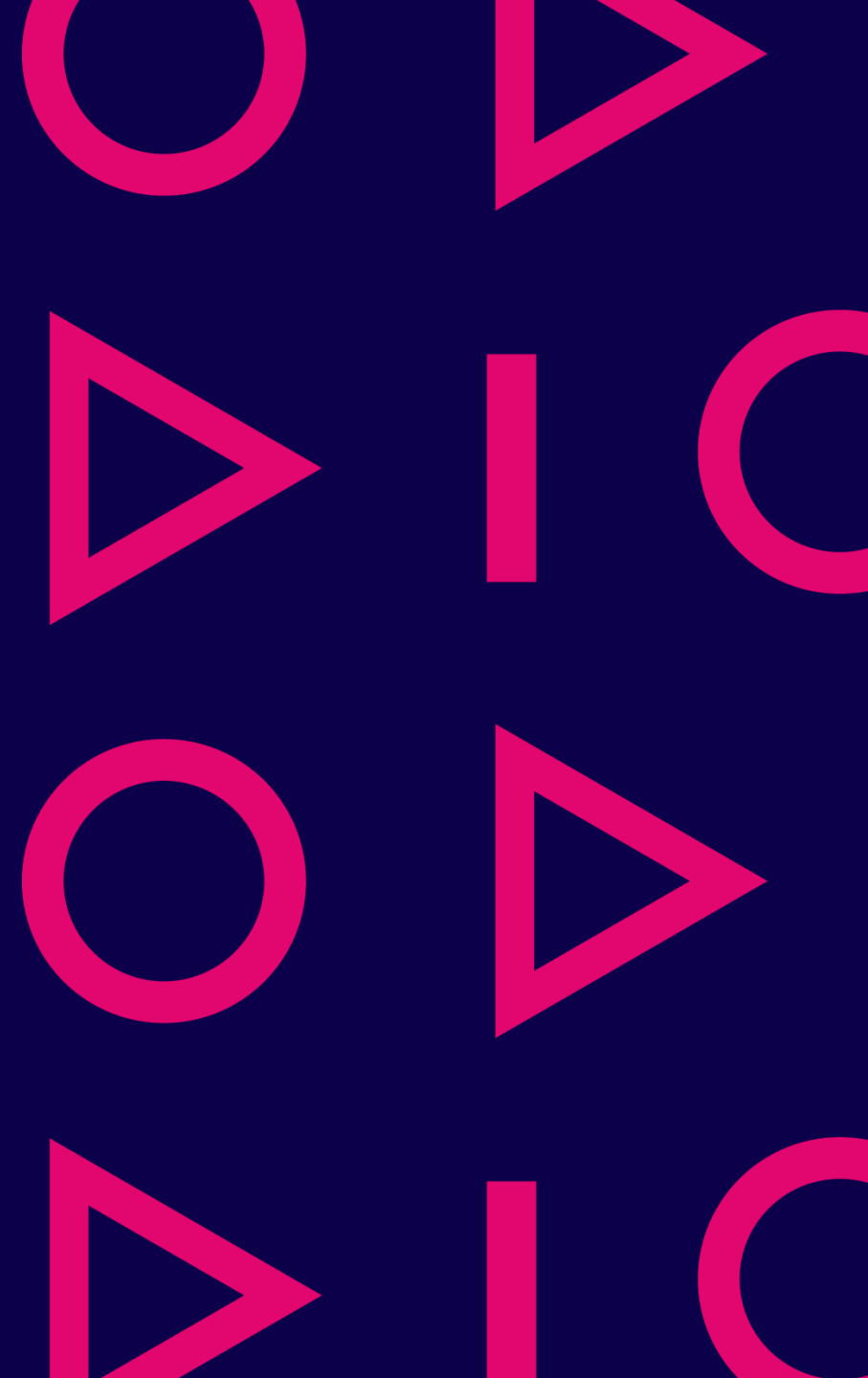
Content

- JAMK common ICT systems

- LabraNet-account

- Storage and backups

- LabraNet services

- VLE

- Remote access

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JAMK ICT systems

- JAMK:n common ICT systems
  - Office 365 (outlook, onedrive, teams, …)
  - Peppi
  - Moodle
  - Elmo
  - Zoom
  - WLAN (Eduroam)
- These are managed by JAMK ICT-Services:
  - helpdesk.jamk.fi

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LabraNet

- https://student.labranet.jamk.fi/
  - **Read the Usage Policy!**
- Study network for Institute of IT
- Available only at Dynamo
  - 3rd and 4th floor

- Separate administration
  - Laboratory engineers and System administrators in D332

Usage Policy

The Institute of Information Technology has updated its usage policy for its networks and systems.

You can read policy here (requires LabraNet authentication).

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LabraNet

- Services for IT students
- Enables:
  - Laboratory exercises
  - Multiple operating systems
  - Course-specific software
  - Rapid changes

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LabraNet-accounts

- Accounts are generated based on course enrollment and information is sent to JAMK student email
  - Student has to be **hyväksytty** to at least one course in IT
- User account is the same as otherwise in Jamk:
  - Students: AB1234
  - Staff: lastname-firstname combination
- LabraNet account is used for:
  - IT Classrooms
  - LabraNet –services (student, helpdesk, etc)
  - VLE

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Regarding accounts

- Inactive LabraNet account activation through our ticketing system
  - Email helpdesk-labranet@jamk.fi from our JAMK student email
- Self service password resets
  - https://student.labranet.jamk.fi/passwd/

- Service requests / issue reports through our ticketing system:
  - https://helpdesk.labranet.jamk.fi
  - On urgent issues, contact us directly at D332

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Diskspace and user profile

- User profile is stored in network drive and is downloaded to workstation during sign-in
    - C:\Users\username
    - Stores user settings
    - Software varies by classroom

- Profile storage space is limited, other storage available:
    - Workstation-specific D:-drive
    - Personal Z:-drive
    - Home folder on Student-server as S:
    - \\ghost.labranet.jamk.fi\ - Generic network drive

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Backups

- **Take care of your backups!**
  - Using external media is recommended
- Following drives/servers are backed up:
  - User profiles
  - Project virtual machines
  - Student-server
- Following drives/servers are NOT backed up:
  - \\ghost\temp
  - Workstation local drives
  - Generic virtual machines for courses

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Printing

- Printers are located in 3. and 4. floor hallways
  - Closest printer maps automatically on logon
- Printing quota is 300 pages / semester
  - Applet on the classroom workstations shows pages left

- Printing paper is available from janitors office at the 1. floor
- Other issues: contact us via LabraNet Helpdesk

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Student-server

- Linux-server for IT institute students
  - student.labranet.jamk.fi
- Accessible through SSH-connection (e.g. PuTTY)
- Login with LabraNet credentials
- Student web pages:
  - https://student.labranet.jamk.fi/~userid/
- We have also database servers available

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LabraNet Gitlab

- Web-based Git repository manager with additional features, such as wiki, issue-tracking and CI/CD

- Log in with LabraNet credentials

- gitlab.labranet.jamk.fi

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VLE

- Virtual Learning Environment (VLE)
  - Virtual environment for laboratory exercises
  - https://index.vle.fi/

- Self-service portal for access
  - **Teacher** requests labs for courses and student grouping if necessary
  - **Student** can then deploy/access the environment
- Accessible locally or remotely using LabraNet VPN

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Remote access

- VPN
  - Virtual Private Network
  - Allow using the services same way as from LabraNet workstations
  - Instructions on Student-server web pages
  - Also Eduroam Wifi use requires VPN for LabraNet access
- SSH
  - student.labranet.jamk.fi and some exceptions
- Gitlab

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More reading

- Academic subscriptions
  - Some software is available for free for students/staff

- Services on Student Server
  - How to use Student server software

- Databases
  - Database services and accessing them

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Tl;dr

- LabraNet-accounts are generated automatically
- Read the Usage Policy
  - https://student.labranet.jamk.fi/
- Read Instructions on Student-server
- Backup your own data
- For support, contact us via:
  - https://helpdesk.labranet.jamk.fi/

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Questions?

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