IT Infrastructure services

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SSH

- Asymmetric encryption
  - RSA
  - DSA
  - ...
- Symmetric encryption
  - AES
  - ...
- DH
  - Group5
  - Group15
  - ...

SSH client authentication

- Password
- Key
  - /home/${user}/.ssh/authorized_keys (configurable)

SSH server authentication

- None
- Key
  - ~/.ssh/known_hosts (configurable)
  - key fingerprint should match with "ssh-keygen -l -f <key_file>"

Sudo

- Unprivileged user -> Privileged user
- /etc/sudoers + /etc/sudoers.d/*
- Sudo auth vs login auth

Playbooks

- Playbook
  - Play1
    - task1
    - task2
  - Play2
    - task1
    - task2

Modules

- ping
- command
- shell
- copy
- user
- authorized_keys
- debug

https://docs.ansible.com/ansible/latest/modules/list_of_all_modules.html