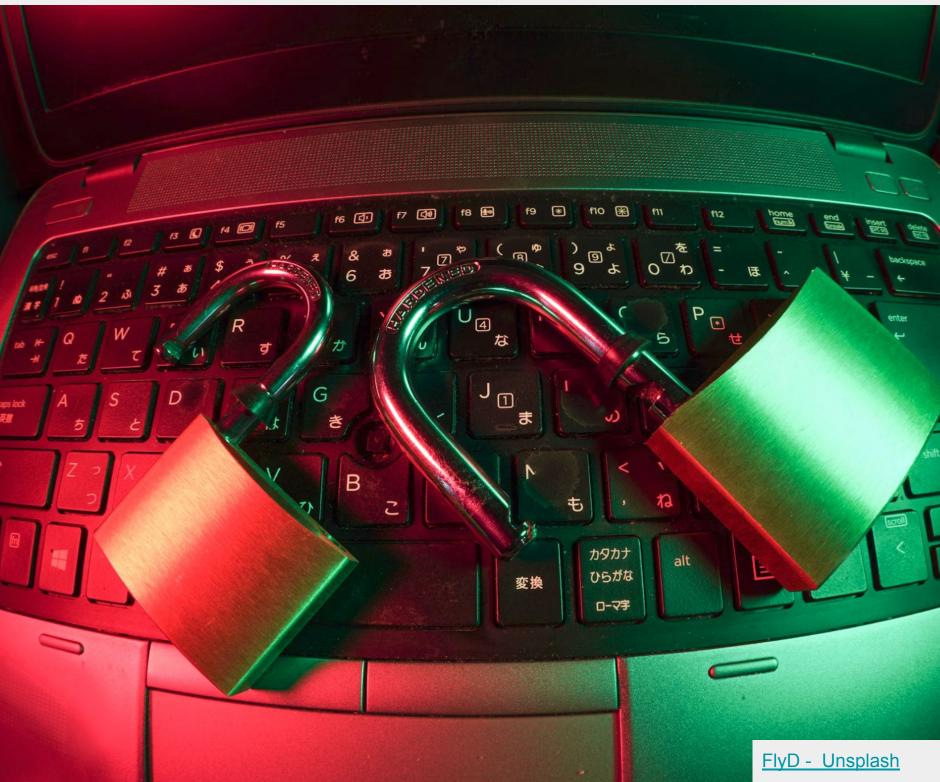
Advanced ssh: keys and hostnames

Adapted from materials by Dr. Carrier



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Host eos01

Hostname eos01.cis.gvsu.edu

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- How to use?
 - Simple! Type: ssh eos01

ssh keys 🔑 🔑

Idea: how to verify users with files on their system?

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We leverage public/private key encryption!

Using ssh keys

- 1. Generate the keys
 - a. ssh-keygen
- 2. Share the public key
 - a. ssh-copy-id -i path_to_key username@server

Common issues with ssh keys

- Errors with authorized_keys file
 - Make sure the file exists: touch ~/.ssh/authorized_keys
 - Wrong permissions
 - chmod 600 ~/.ssh/authorized_keys
 - chmod 700 ~/.ssh
- If you have ssh and ssh-keygen but not ssh-copy-id
 - We can manually copy the key and add it to the file
 - scp ~/.ssh/id_rsa.pub
 username@hostname:~
 - Login to server via ssh
 - cat id_rsa.pub >> ~/.ssh/authorized_keys