

# Computer Science Department Computer Facilities

YOUR LOCAL COMPUTER SUPPORT STAFF

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<http://support.cs.stanford.edu>

THE ONLY THING YOU REALLY NEED TO REMEMBER FROM  
THIS PRESENTATION

This slide deck will appear on <http://cs.stanford.edu> this afternoon

# Stanford IT Landscape

## Decentralized, competing organizations

- IT personnel at every level
- Overlapping responsibilities, competition, confusion
  - › Though we work with University IT, SoE IT, etc.

## CSD-CF provides

- Support for core CS systems
- Gates building network
- Support for groups in CS that pay
  - SAIL, Theory Lab, InfoLab, Graphics, HCI
- Support for other organizations that pay
  - Departments (Math, Psychology)
  - Research groups (Folding@Home, Solar Physics)
  - Specialized HPC clusters (NNIN)



## Core Department Support

### CS department infrastructure

- Covers all CS students and alumni
- Authentication, basic storage, shell access
- Email for cs.stanford.edu, lists, aliases and forwarding

### Gates building network

- Router, switches, wireless
- Computer registration, IP address assignment

# CSID

## Computer Science user ID

- Get one at <http://cs.stanford.edu/csid>

## Provides access to:

- Xenon, shared general purpose system
- Servers and workstations in SAIL, Theory, Infolab, Graphics and HCI
- Room reservations at <http://gin.stanford.edu>
- Personal information at <http://cs.stanford.edu/webdb>
  - Control your @cs.stanford.edu mail forwarding
  - Maintain personal contact information with the department
  - Create @cs.stanford.edu mailing lists

## Email @cs.stanford.edu

### Forwarding only

- Set destination via <http://cs.stanford.edu/webdb>
  - Forward to xenon.stanford.edu, your Stanford account, gmail, etc.
- Do not leave your forwarding address blank or you won't get any email

### Spam filtering

- Mail through cs.stanford.edu is tagged if it looks like SPAM
- Adjust your settings at <http://cs.stanford.edu/spam>



## Supported Groups

SAIL, Theory, InfoLab, Graphics, HCI

- Other research groups & professors may have local support
- Authentication, basic storage, shell access
- Email for cs.stanford.edu, lists, aliases and forwarding

### Workstations

- Full life-cycle support, purchase to disposal
- Mostly Linux, with some Macs and Windows

### Servers and Clusters

- Full life-cycle support
- Hardware and software
- Hosting in CS data center, Forsythe, or Stanford Research Computing Facility



## AFS / Kerberos notes

### Limited lifetime

- Login gets you access for 24 hours
- Use reauth to renew tickets/tokens indefinitely
- Public key login by SSH will **NOT** work



# Network Access

## Wired Networks

- Register first, <http://cs.stanford.edu/ip>
  - Please don't grab an IP address
- No access until hardware address (MAC) is granted access
- Different subnets for groups
  - Beware of moving between offices or groups, plan ahead
- Open network, keep security in mind

## Wireless

- Campus-wide SSID is Stanford, no encryption
- Wireless in Gates is supported by CSD-CF, elsewhere UIT
- Please don't run your own wireless network

# Network Security

## Open research network

- Attackers will try to break into your computer as soon as it's on the network
- Keep software up to date
- Different subnets for groups
  - Beware of moving between offices or groups, plan ahead
- Open network, keep security in mind

## Use good passwords, and don't share them

- Containing upper and lowercase letters, digits, punctuation
- **NEVER** set easy "temporary" passwords

## Be smart

- Stanford will never ask for a password via email
- Don't click on web links in email (phishing)



## Important Links

<http://support.cs.stanford.edu>

- Support portal

<http://cs.stanford.edu/doc>

- These slides and other useful information

<http://cs.stanford.edu/webdb>

- CS email forwarding and personal information

<http://cs.stanford.edu/ip>

- Connect a new computer to the network

<http://helpsu.stanford.edu>

- University IT help desk