

# System Administration Homework One

## Basic Requirement

- Install your own FreeBSD box and upgrade system to up-to-date -RELEASE or -STABLE
- Set your machine to current time zone and adjust time.

## Recommend optimizations (bonus)

- Customize your kernel configuration, build your own kernel.
- Start sshd daemon, allow remote login.
- Sshd support ACL. (Access Control List. example: allow only ssh connections from 140.113.235.0/24, refuse other connections.)

## Grading Policy

- FreeBSD installation: **100%**
- Start sshd: **2%**
- Custom kernel: **0-5%**
- Sshd with ACL: **0-5%**
- At most **10%** bonus could be added.

## Due day

2008 10/7 (Tue.) 23:59:59

## How to hand in

Send an email to hw1@sysadm.cs.nctu.edu.tw **from your FreeBSD machine**

Mail subject should be {Your\_id}\_sahw1 (example: 9755525\_sahw1) and with following content.

- Basic: Output your *uname -a* and */var/run/dmesg.boot* and *date*
- Start sshd: *sockstat -l |grep sshd*

- Custom kernel: *ls -lh /boot/kernel/kernel* and your **kernel config**.
- Sshd with ACL: **Thoroughly describe your method in email** (it would be best if you could show some demonstration in email).

## Questions

TAs, I need heeeeeeeeeeeelp !

- Email [ta@sysadm.cs.nctu.edu.tw](mailto:ta@sysadm.cs.nctu.edu.tw)
- Newsgroup [cs.course.sysadmin](https://www.cs.nctu.edu.tw/~sysadmin/)
- BBS [bs2.to](https://www.bs2.to/) board CS-SysAdmin
- Goto CSCC to ask professional 3F!