

IRU

Computational Lab

concept, setup, and
configuration

... an ongoing adventure :-)

Dr. Andreas Krueger, 23.9.09

Tasks ... Priority 1 & 2

priority	who	what	task type	machine	hardware
1	ak	AAA-server instead of 10 local logins on 10 machines? What are choices?	decision	internet recherche	Dataserver
1		get webserver working: 1 static IP & 1 web-address - again	ucd Computing Services	IRU-www-01	Dell GX270
1		unpack pt 2	unpack	sna, notebooks, printer2, screens, etc	
2		RAID for dataserver: how-to? second harddisk?	planning	Dataserver	1TB HD
2		scanner driver ?	recherche	print 1	canon i-sensys mf6550
2	ak	IRU-internal mailinglist iru-all@listserv.heanet.ie	ucd csi	virtual	virtual
2		vmware installation	install	Andreas	Air
2	ak	vmware Master-Image of lean&small XP	install	vmware	Air

Priority 3

3		Mac OS X 10.6 Server	buy & install	Dataserver	MacPro
3		2nd firewall seminar: when? Andreas & Cormac & Michel & Conrad	learn	firewall	firewall
3	ak	backup, transfer, clean	sitting	magnus	dell
3		equipment orders all in one list, easier for Cormac/Lisa!	planning	make list	send around!
3	ak	bonjour printer - understand	recherche	Windows	Windows

Equipment to order

for	number	description
canon i-sensys mf6550	1	return Canon printer, get other printer! HP ?
Air & Book	5	five lightweighted 4-hubs, with retractable cable? (for 3 MacBook&Airs & 2 extra)
firewall & switch	1	hardware-safe with ventilation & cable-outlets for firewall and switch & all keys; sound-proof
all	? ?	x webcams & y headsets
Dell GX270	4096	RAM into webserver 512 -> 4096MB
macbooks: Jaime and Uwe	2	Mac adapter to connect to DVI-screen (Dell)
firewall & switch & xp	1	Pure AV - Home Theatre Surge Protector 8 sockets, Belkin - give back to Barry
mac AND windows!	?	vmware 5 licenses ... Or 10? Trial is 30 days, start with that!
mac & windows	?	order all possible adaptors for 50" screen
mac (& windows?)	16 CPUs	order Mathematica(tm) GridServer
50"	1	additional standing mount for 50" screen
ak Air	1	Apple Keyboard with Numeric Keypad PERHAPS already ordered, but not delivered (ask Cormac)

WHAT ELSE?

Priority 4

4		server: create logins & passwords	sitting	Dataserver	all
4		install printer-1 to dataserver	install	Dataserver	MacPro
4		user directories on dataserver	sitting	dataserver	MacPro
4		create lists: all MAC addresses, etc	admin	all	all
4		pull all cables under floor	ucd csi	all	cables
4	ak	Mathematica 7 installation	install	Andreas	Air
4	ak	tell other firewall companies: thx	mail	firewall	firewall
4		intrusion detection / SE Linux on webserver? / intrusion detection for firewall?	recherche & install	IRU-www-01	Dell GX270
4		50" mount on wall in Petra's office	craftsman	portable notebooks	50" screen
4		two-sided printing on Canon - how-to?	recherche	print	all
4		30" mount on wall / blue board	craftsman	SNA	30" screen
4	conrad	SNA: update, name, software, ...	install	SNA	MacPro

Priority 5

5	ak	read, scan, and rip all CDs and booklets that came with the hardware	sitting	accessories box	shelf in petra's office
5		install, configure "10.6 snow leopard"	install	all	snow leopard os-x-10.6
5	ms pa	Petra's Air: name, login, update, ... - ready?	install	IRU-pahrweil-02	Air
5	ms pa	Petra's MacBookPro: name, login, update, ... - ready?	install	IRU-pahrweil-03	MacBookPro
5	ak	register our mac addresses in switch	collecting, sitting	switch	switch
5	ak	use DriversHQ to update all Windows XPs once for 3 identical XPs! & XP-MasterImg	update	Windows	all Windows
5	ak & ms	concept for XP-cluster images (vmware!) & access- (VNC?)	planning	xp 1-5	dell

Priority 6-9

6	ak	Python on Mac	install	Andreas	Air
6	ak	xampp – “nobody” user - understand (joomla)	learn	Mac	Air
7		install parallelization demons everywhere	install	all	mac & windows
7	ak	install Mathematica(tm) Gridserver	install	xp 1, Andreas	mac & windows
8		create a regular backup scheme e.g. TimeMachine? SilverKeeper?	planning	dataserver	McPro
8		MacBook for interns	install	IRU-intern-01	MacBook
9		SOAP (or s.th. similar) to bind the machines & services together	recherche & install	all	all
1 - 9	ak	learn & understand Mac OS X: scripting, unix, configuration, ...	learn	all	mac

Some of the tasks of the *previous* weeks, pt. 1

ms	choose, decide, order, receive	order	all
ak & ms & cl	unpack pt 1	unpack	xp, data, test, screens, beamer, harddisks, etc
ak	electricity: 8 sockets for 4 machines	barry	xp 2-4
ak	electricity: more sockets	barry	firewall & switch
ak ms	install, configure, name them	installation	xp 2-4
ak	buy DriversHQ 2y update XP machines & vmwares	update	Windows
ak	BIOS update	update	IRU-www-01
conrad	linux webserver	install	IRU-www-01
all	help Lisa to orient herself	help	admin
ak	Lisa: divide documents into private/public	teach	admin
ak	register mac addresses in UCD	internet	admin
ak	register mac addresses in UCD	internet	dataserver
ak	register mac addresses in UCD	internet	xp 1 & 5
ak	register mac addresses in UCD	internet	xp 2-4

Some of the tasks of the *previous* weeks, pt. 2

ucd csi	cables 46, 47, 29 - and two loose ones at 4j3	ucd csi	4j3 & 4j2 & 4j4
ak	re-connect 3 telephones!!!	cormac	tel
ak	Learn Mac OS X; remember Unix ...	learn	OS X
ak	define computernames, usernames	planning	all
ak	SyncMate for calendar & contacts	configure	Andreas
ak	USB-to-ethernet dongle apple100mbit=29\$, Digitus100mbit=11€, Belkin-Gigabit-reduced=21€	buy	Andreas
ak	UCD EICTPP - chapter 5.2.5: "explicit written consent" for hardware - UCD "Electronic Information and Communication Technology Policy and Procedures" (UCD ITservices)	buro - crazy	firewalled LAN
ak, c	1st firewall seminar: September Andreas & Cormac	learn	firewall
ak, lk	mark all cables on both ends with numbers: IRU-01 IRU-02 IRU-03 ...	mechanic	cables

my first steps in OS X → useful tools:

- **Firefox** –better than Safari, open source
(FF 23%, IE 67%) - google, download & install
- **Quicksilver** – work faster (see demonstration)
- **OMC** – make Finder more comfortable
- **GeekTool** – active desktop background
- **iTerm** – better Terminal window
- **Nvu** – edit HTML pages in WYSIWYG