Using linux at UIC

UIC Linux Users Group

September 8, 2010
802.1x (Dynamic WEP)

- Wireless security mechanism designed to address shortcomings in previous wireless security schemes.
- Per user Authentication
- implemented before wpa2
Network Manager

Wireless Networks

- 2WIRE062
- 2WIRE330
- 2WIRE916
- cccentral1
- cccentral2
- cccentral3
- iLoveHapas
- linksys SES_49777
- NETGEAR
- wireless
- Zero-Analog Wireless

Connect to Other Wireless Network...
Create New Wireless Network...
connecting to the network

http://acm.cs.uic.edu/uicwireless-linux
security: dynamic wep (802.1x)
Wireless Printing
Turnin
UIC Servers
Getting Help

About 802.1x
Network Manager
Wireless Settings
network settings

- Network name: UIC-Wireless
- Wireless Security: Dynamic WEP (802.1x)
- Authentication: Tunneled TLS
- Anonymous Identity: anonymous
- inner Authentication: PAP
- Username: ACCC NETID
- Password: ACCC PASSWORD
Pray

Pray...
Pharos is ACCC’s print management system at UIC.
Setup

Select Device

Enter device URI

pd://ssenne1@printing.cc.uic.edu:515/ACCC-SPOOL-MACPOP
Select Printer Driver

Choose Driver

Models
- LaserJet 5200i
- LaserJet 5200lx
- LaserJet 8000
- LaserJet 8100
- LaserJet 8100 MFP
- LaserJet 8150
- LaserJet 8150 MFP
- LaserJet 9000
- LaserJet 9000 MFP
- LaserJet 9040
- LaserJet 9040 9050 MFP
- LaserJet 9040 MFP
- LaserJet 9050
- LaserJet 9050 MFP
- LaserJet 9055 9065 MFP
- LaserJet 9055 MFP

Drivers
- HP LaserJet 9050 Postscript [en] (recommended)
- HP LaserJet 9050 hpijs pcl3, 3.10.2 [en]
- HP LaserJet 9050 - CUPS+Gutenprint v5.2.5 Simplifi
- HP LaserJet 9050 - CUPS+Gutenprint v5.2.5 [en]
- HP LaserJet 9050 Foomatic/Postscript [en]
Name Printer

Describe Printer

**Printer Name**
Short name for this printer such as "laserjet"

ACCC-Pharos

**Description** (optional)
Human-readable description such as "HP LaserJet with Duplexer"

ACCC Lab Printers

**Location** (optional)
Human-readable location such as "Lab 1"
Summary

URI:
lpd://NETID@printing.cc.uic.edu:515/ACCC-SPOOL-MACPOP
Select printer from database: HP LaserJet 9050 Postscript en
Select Duplex if you want
What is turnin

turnin is a unix program for turning in CS programming assignments.
Features of Turnin

- Verify that your program was turned in successfully
- Turn in assignment multiple times (until the deadline)
Checking the List of Assignments

```
turnin -c cs102 -l
```
Turning in an Assignment

- turnin -c cs102 -p prog1 myfile
- turnin -c cs102 -p prog1 MyProjectFolder
- turnin -c cs102 -p prog1 *.java
Ensureing That an Assignment Was Turned In

turnin -c cs102 -p prog1 -v
Turning in an Assignment a Second Time

```
turnin -c cs102 -p prog1 myfile
turnin -c cs102 -p prog1 MyProjectFolder
turnin -c cs102 -p prog1 *.java
```
2 campus departments manage servers we have access to: ACCC and the CS department.
icarus.uic.edu

- ACCC server
- web hosting
- php, perl, bluestem, html
- shell access
- http://www2.uic.edu/~netid/
- Solaris
Bert

- CS Department Server
- html
- Web hosting
- http://cs.uic.edu/~cslogin/
- RHEL 5.5
How to use webspace

- create a `~/public_html` directory
The ACCC officially does not support linux, and will usually turn you away if seek assistance from them.
Issues with ACCC

- ACCC account trouble
- windows/mac labs
- uic email
- wireless/resnet
Contacting ACCC

- talk to any ACCC consultant or lab monitor
- consult@uic.edu
- SEL 2267
- 312-413-0003
Issues with CS department Computers

- If you don’t know your account info
- If you your account info doesn’t work
- If you need help using software
- If you need software installed for a class.
Contacting CS department

▶ pester Stephen Liang

▶ email support@cs.uic.edu