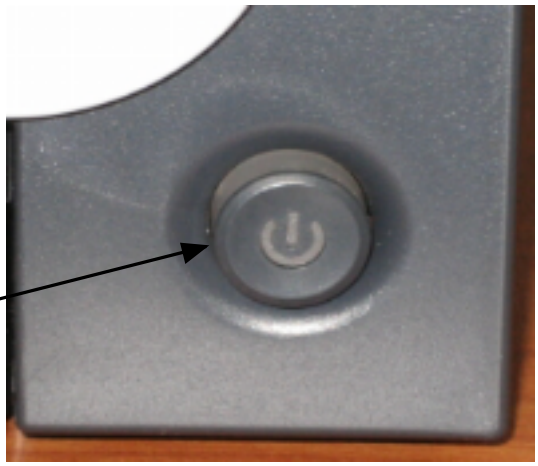
Checking your i21 Printer setup

If your printer was unplugged from the AC power and the network during the Summer break, please follow the instructions below to properly connect it to the network and check its operational status.

1. Before performing the following steps make certain that the power button on the front of the printer is in the 'Off' position before attaching power and network cables.

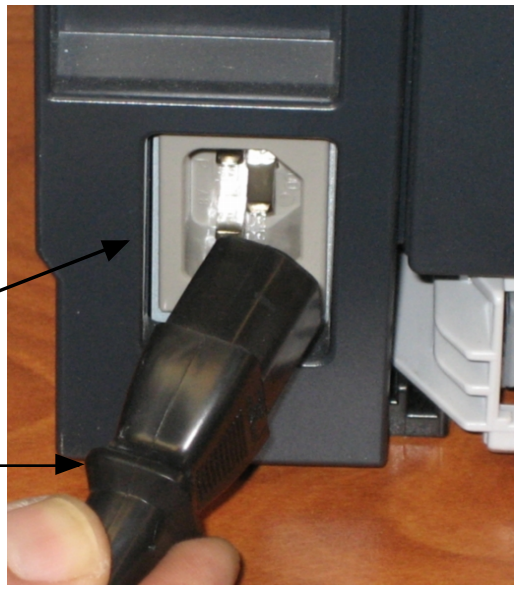
Button is in the 'Off' position when it is out and not illuminated.



2. Attach printer to the AC power. Make sure that the AC power cord is securely plugged into the back of the printer as indicated in the picture to the right.

AC socket on back of printer

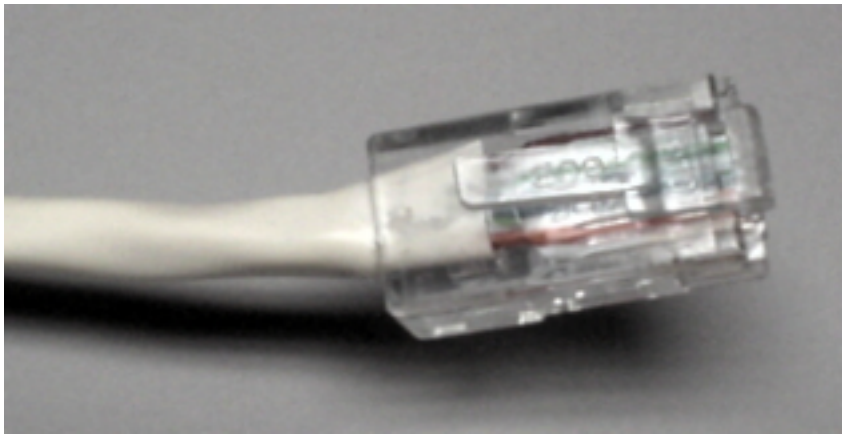
AC Power Cord



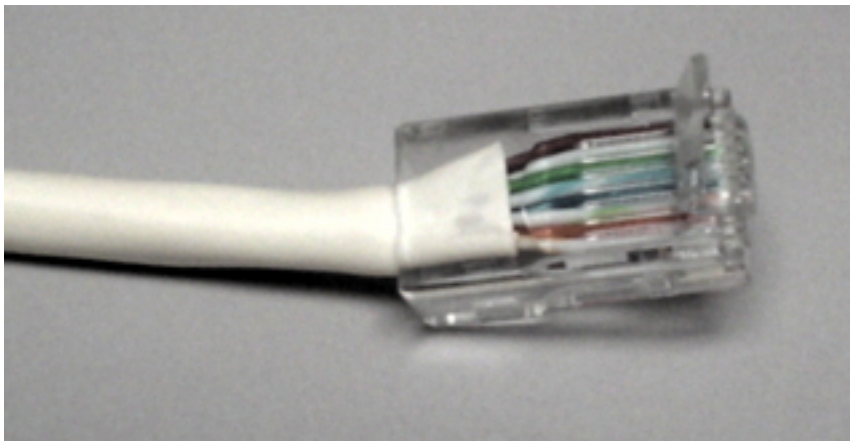
Correctly inserted AC power cord (right).

3. Attach printer to the AC wall socket. Make sure that the AC power cord is securely plugged into the wall socket as indicated to the right.

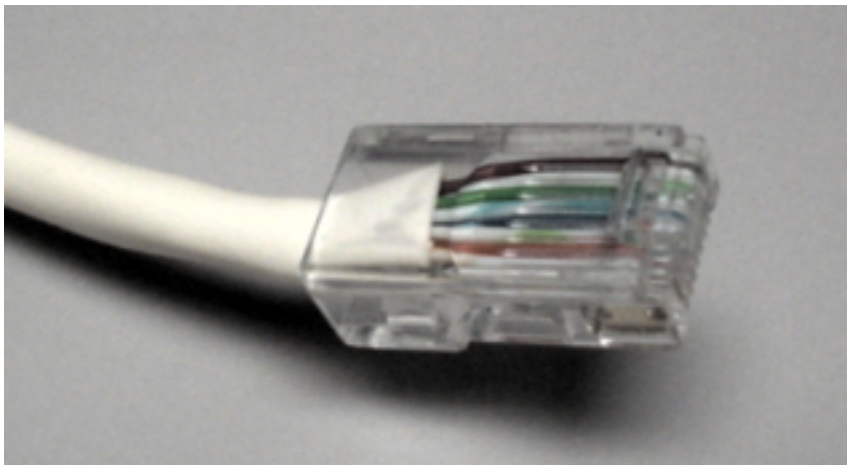
4. Before attaching the network cable to the printer inspect it for damage to the insulation or the connectors at either end. If the cable is damaged, particularly if the snap tabs on the connectors are missing or damaged, replace the cable.



Good connector - snap tab in place and undamaged.



Bad connector —snap tab damaged— replace cable.



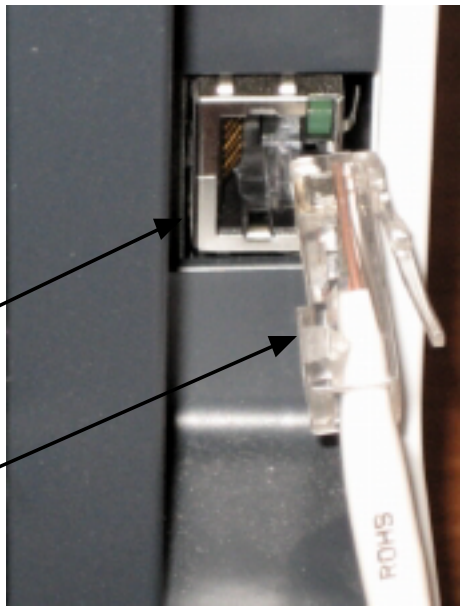
Bad connector —snap tab missing— replace cable.

Bad cable —damaged insulation— replace cable.

Once the cable has been inspected and found in good order, attach the network cable to the printer via the NIC jack on the back of the printer as indicated in the picture to the right.

Printer NIC connector.

Network cable connector. Note orientation.

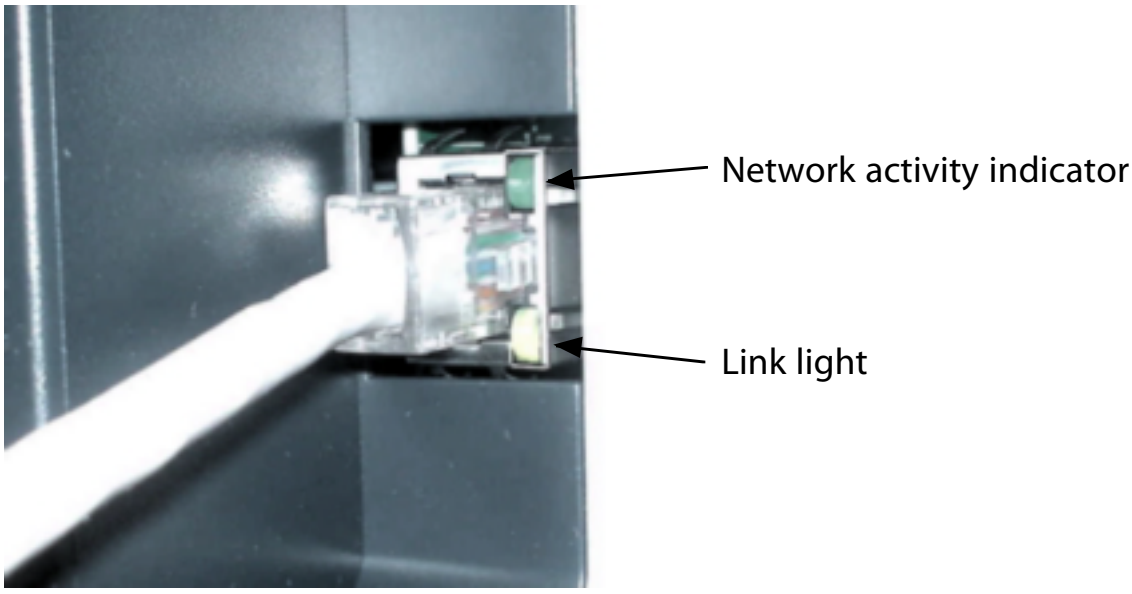


Properly inserted cable.

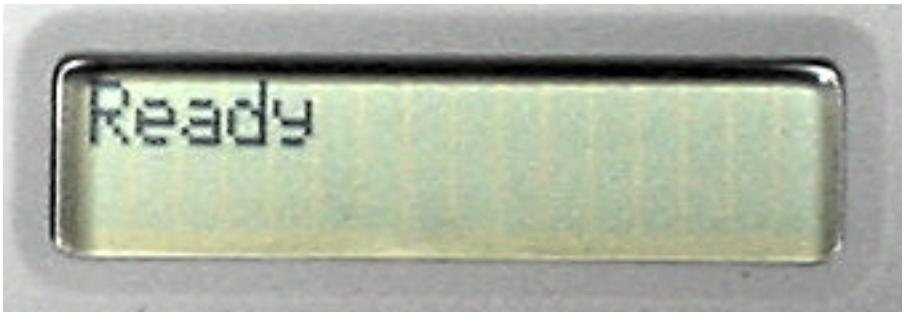
After inserting the network cable into the printer's NIC connector, insert the other end of the network cable into a network data drop in the wall nearest the printer. Network data drops may be identified -in most cases- by their orange color.

5. Once the network cable and the AC power cord have been attached to the printer and the appropriate wall locations, depress the power button on the front of the printer to turn on the printer. The button's indicator will illuminate to indicate that the printer is powered on (as indicated in the picture to the right).

As the printer is initializing, check the status lights on the printer's NIC connection to see if the status lights are illuminated. The bottom indicator light should be a steady green and the top indicator light should be blinking. This will indicate correct network connectivity.

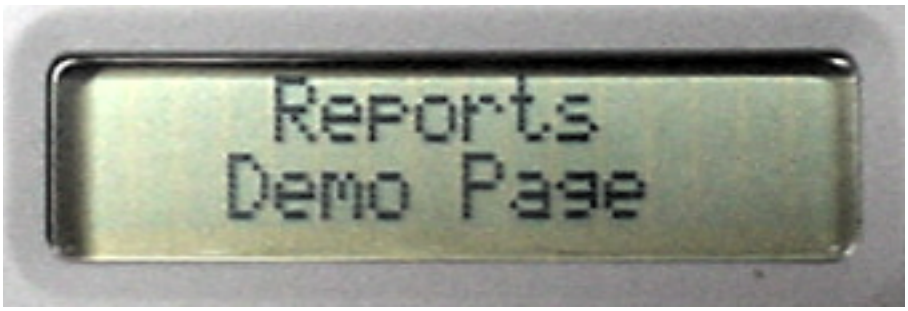


6. After the printer goes through its initialization cycle -about fifteen (15) seconds- the status display will read 'READY', as illustrated on the below.



7. Wait one to two minutes and then depress the 'OK' button on the front panel two (2) times so the status display reads 'Reports Demo Page'.

'OK' button, depress two (2) times so that the status display reads, 'Reports Demo Page'.



8. Then depress the 'Up Arrow' button on the front panel four (4) times so the status display reads 'Reports Network Report'.

9. Then depress the 'OK' button on the front panel once and the status display will display 'Printing Report: Network Report'.

The printer will eject a sheet of paper with various network information on it. On the left-hand side of the paper is a section with the heading, 'IPv4', as in the example below.

```
----------------- IPv4 -----------------
Status:                           Ready


IP Address:                  10.1.82.25
Subnet Mask:               255.255.255.0
Default Gateway:              10.1.82.1
Config By:                       Manual
BOOTP/DHCP Server:        Not Specified
TFTP Server:              Not Specified
Bonjour Service Name:
HP LaserJet P2055dn [86B46E]
```

The most important information listed in the report is the 'IP Address'. You should compare the IP Address in the just printed report to the IP number that should be taped to the front or side of the printer. They should match.

If they do not match, you will not be able to print to the Active Directory print queue on your tablet or student netbooks. If the 'IP Address' does not match you should contact the Help Desk at 619-725-7500 to have a Remedy case created so that your issue can be resolved. You should NOT make any attempt to change any of the settings on your printer by yourself.