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Technical bulletin

Installation of PowerWare 9120 UPS and LanSafe III

General Information

This technical bulletin provides additional information for users who are installing PowerWare 9120 and following the PowerWare 9120 User's Guide.

TTY Setting

Post Number	[0]
Enable LOGIN	Disable
BAUD rate	[9600]
PARITY	[none]
BITS per character	[8]
Number of STOP BITS	[1]
TIME before advancing to next port setting	[0]
TERMINAL type	[dumb]
FLOW CONTROL to be used	[none]

PIN Connection of the RS232 Cable

The 9120 uses a straight through cable. All UPS have different pin connection. The following pins are used:

UPS	PC/Hosts
2	2
3	3
5	5

Installation and Configuration of the LanSafe III Software

The new UPS PowerWare 9120 replaces the previous UPSs. The software supplied with the UPS "LanSafe III for AIX" has a bug. The new software fails to communicate with the UPS. Therefore, when there is a power outage the server does not automatically shutdown. The vendors of UPS have acknowledged the bug and have fixed the problem. The software has been tested successfully.

Install of the LanSafe Software

1. Copy the aix4.tar to a dataVolume.
2. Untar the file, aix4.tar.
3. Run install.sh.
4. Select the tar file to load the software from instead of the CD ROM.

As indicated on the screen, continue with the installation.

Note: Select NO for the prompt "Is this computer part of a UPS group".

For more information, see "Inst_AIX_421_AIX4.pdf" .

Start the LanSafe Software and Test

1. To start the LanSafe S/W type the following:

   ```
   /usr/ls3/ls3 &
   ```

2. After the UPS is fully charged, remove the input Mains supply. The Server will shutdown.

3. Open a terminal window and type the following:

   ```
   /usr/ls3/ls3conX
   ```

Testing the UPS Commutation and Cable with a Laptop Computer

Follow these steps to determine if the UPS and Cable are working.

1. Connect the RS232 cable to the laptop.
2. Open a HyperTerminal and set the properties as follows:

   ```
   Bard Rate   =  9600

   Date bits   =  8
   ```

```
Parity      =  None

Stop Bits   =  1
```

3. Type UPTP (all uppercase, no echo back) should give the UPS type, PW9120 XXX XXX.

```
NNAME

PW9120/2000    sw110
```

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