

DASDEC™ Postscript Printer Setup using "printconf"

Introduction

The following instructions work for running the '*printconf*' application from either a remote secure login using *PuTTY* or from a keyboard and monitor on the DASDEC. Both run under the Linux command line shell.

Once logged onto the DASDEC you can type "*printconf*" followed by the **Enter** key to run a command line full screen version of the print configuration application. This app is a little primitive but it works without running a complete X-Windows version. Use the left and right arrow keys to traverse the screen button options. The Enter key will run the currently selected option button.

Configuring a printer

1. Using the right cursor arrow key, traverse to the **New** button (it will highlight when armed). Press **Enter** to create a new print queue.
2. In the dialog box enter a queue name for the printer, with no white space and just alphanumeric chars (eg Postscript)
3. Using the keyboard press the down cursor key to select **Unix Print Queue**.
4. Using the cursor keys select the **Next** button then press **Enter** to continue.
5. In the new **LPD data** dialog box enter the IP address of the networked Postscript printer as the **Server name**. (You might need IT help to get this number) Be sure to use the dot/decimal notation for the IP address (eg 10.100.1.23) rather than a server name otherwise DNS is required and the DNS server must have the name of the printer registered. Press **Enter** to proceed.
6. Unless your printer has a specific queue name, type a simple queue name. This name can typically be anything and is just a reference name. (You may need IT help if they have a specific name.) Press **Enter** key or down arrow to proceed to the **Next** button, press **Enter** to proceed.
7. This takes you to a main screen that allows selection of the printer Queue driver. The first option is **Postscript Printer**. Make sure that item is selected and press the right cursor arrow key to highlight the **Next** button. Press **Enter** to proceed.
8. Review the new print queue data and press **Enter** to finish (the **Finish** button should already be highlighted).
9. This places you back in the original screen and the new print queue should appear in the list. Make sure the **+** character is displayed in front of the printer name. (The **+** denotes the *default printer*) If you do not see it, or if you have other printers configured and one of them is the default, use the up and down arrows to highlight the newly created Postscript printer then use the right cursor key to move to select the **Default** button. Press **Enter** to make the Postscript printer the default. Make sure the **+** character now appears to the left of the printer name in the list.

Now that the printer is defined, try a test page using the **Test** button.

1. Use the right cursor key to move to select the **Test** button. Select the **Test** option by pressing **Enter**. You will likely be given a dialog to save your changes,
2. Press **Enter** on the **Yes** button. After a few seconds a list will appear with some test options.
3. Select the third **ASCII Test Testpage** using the down/up cursor keys, then using the right cursor key traverse to the **Test** button. Press **Enter** to run the test. You can try the test again using the **US Letter Postscript Testpage**. Check the printer.

If the test prints work, then the printer is OK. If not, go back and look for a configuration problem. Make sure the IP address is correct for the printer.

When done exit *printconf* using the provided **Exit** button, then logout of the Linux shell using **CTRL-D** or the command **logout**.

Now test a print from the DASDEC web interface.

1. First go to **Setup->Printer** and see if the page has been replaced with printer config options and a status view of the print queue at the bottom of the page. If so, then the printer queue is running OK.

The 1.8-0 version of **Setup->Printer** page does not support a **Test** print option. However, alert event reports can be printed from any of the alert event status pages.

1. On the DASDEC, go to one of the alert event status pages that lists all alerts, i.e **Decoder->All Alerts**. If no any alerts are displayed, make sure the checkbox **View only today's alerts** is disabled (unchecked).
2. Set a range of dates to get some alerts displayed (if nothing displays you have no alerts and you will need to generate a Weekly test using the front panel button, then wait for it to expire in 15 minutes).
3. When you can see at least one expired event, notice just above the event-listing table is a **Print** button. Click this button and look at the report that is printed on your printer. If the button does not appear, then either there are no expired events for generating a report, or the printer configuration did not work correctly. If your original printconf installation worked, then expect to see the Print button option.
4. If all has gone well to this point, go back to **Setup->Printer** and set the remaining print options for printing alerts reports.