

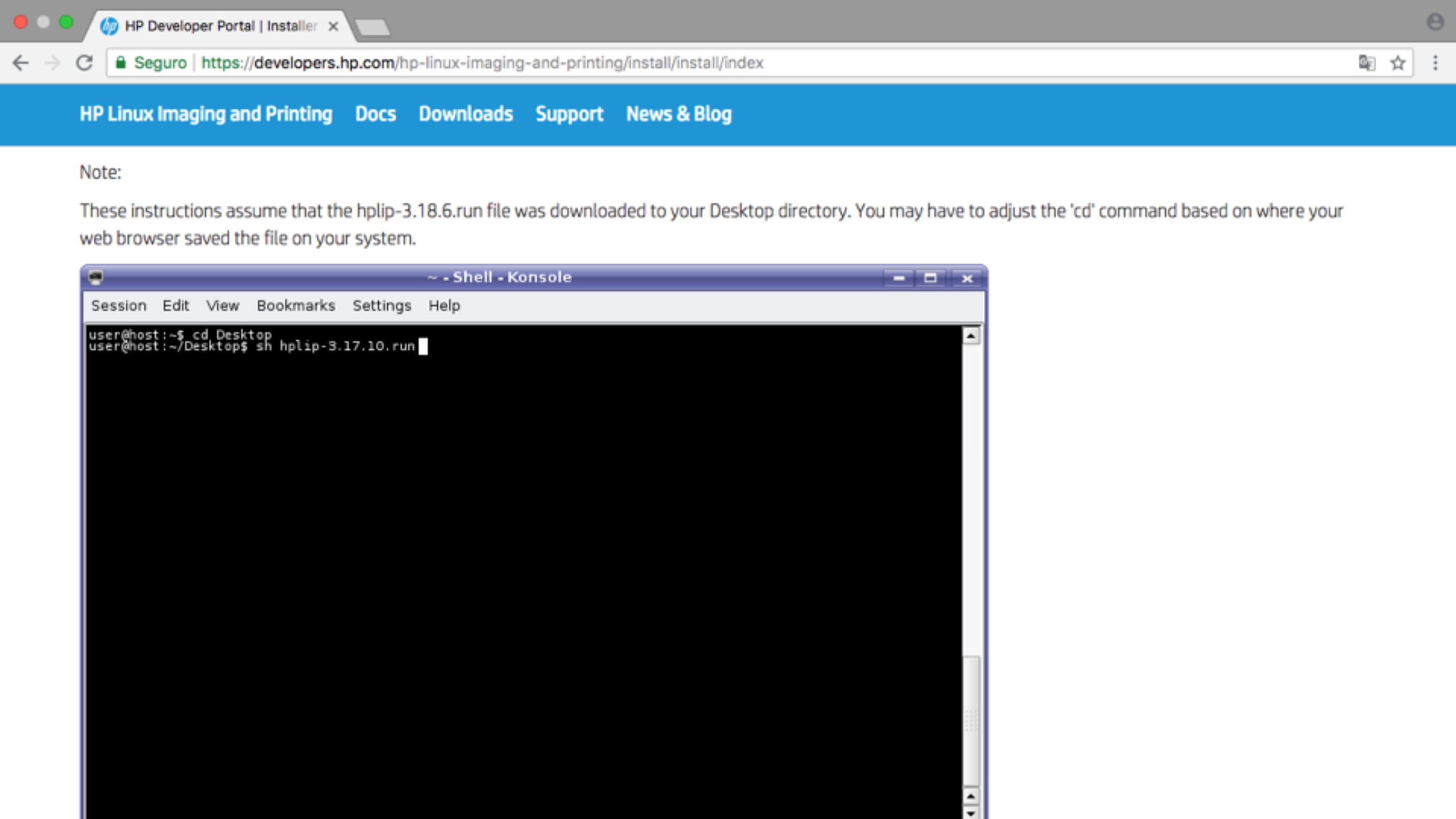
Linux avanzado/Debian servidor impresoras

José Santorcuato T

- Lo primero es instalar los controladores de la impresora, para este curso marca hp, el controlador es el hplip

- En Ubuntu descargué el hplip de HP, en este curso también lo hice, pero funcionó a medias

<https://developers.hp.com/hp-linux-imaging-and-printing/install/install/index>



Note:

These instructions assume that the hplip-3.18.6.run file was downloaded to your Desktop directory. You may have to adjust the 'cd' command based on where your web browser saved the file on your system.

```
~ - Shell - Konsole
Session Edit View Bookmarks Settings Help
user@host:~$ cd Desktop
user@host:~/Desktop$ sh hplip-3.17.10.run
```

- Al momento de reiniciar y pasar al update no encontraba los ppd
- hp-update

Device Discovery

Connection (I/O) Type

- ☒ Universal Serial Bus (USB)
- ☐ Network/Ethernet/Wireless network (direct connection or JetDirect)
- ☐ Wireless/802.11 (requires a temporary USB connection and is only available for select devices)
- ☐ Parallel Port (LPT)

▶ Show Advanced Options

ArchrootHP PriCopyThisThis undeSea

HP Device Manager - Setup

Select From Discovered Devices

	Model	Device URI
1	HP Deskjet 2130 Series	hp:/usb/DeskJet_2130_series?serial=CN76Q470N1065V

Setup Device

☒ Printer Setup

Printer name: Deskjet_2130

Description:

Location:

PPD file: (Not found. Click browse button to select a PPD file.)



☐ Fax Setup

Fax name:

Fax number:

Name/company:

Description:

Location:

```
copyright (c) 2001-15 HP Dev
his software comes with AB
his is free software, a
nder certain conditions
earching... (bus=usb, s
error: No devices found
one.
oot@debiangui:~# hp-se
P Linux Imaging and Pr
rinter/Fax Setup Utili
copyright (c) 2001-15 H
his software comes wit
his is free software, a
nder certain conditions
earching... (bus=usb, s
error: No PPD found for
error: No appropriate p
tk-Message: GtkDialog r
```

Select PPD File

Recientes

Carpeta personal

Escritorio

Descargas

Documentos

Imágenes

Música

Vídeos

VBox_GAs...

Otras ubicaciones

usr share ppd HP

Nombre	Tamaño	Modificado
hp-deskjet_2020_series.ppd.gz	3,8 kB	15:35
hp-deskjet_2050_j510_series.ppd.gz	3,2 kB	15:35
hp-deskjet_2130_series.ppd	29,9 kB	15:35
hp-deskjet_2200_series.ppd.gz	3,5 kB	15:35
hp-deskjet_2510_series.ppd.gz	3,8 kB	15:35
hp-deskjet_2520_series.ppd.gz	3,8 kB	15:35
hp-deskjet_2540_series.ppd.gz	3,2 kB	15:35
hp-deskjet_2600_series.ppd.gz	3,6 kB	15:35
hp-deskjet_2640_series.ppd.gz	3,2 kB	15:35
hp-deskjet_3000_j310_series.ppd.gz	3,2 kB	15:35
hp-deskjet_3050a_j611_series.ppd.gz	3,2 kB	15:35
hp-deskjet_3050_j610_series.ppd.gz	3,2 kB	15:35
hp-deskjet_3070_b611_series.ppd.gz	4,2 kB	15:35
hp-deskjet_3320.ppd.gz	3,4 kB	15:35
hp-deskjet_3325.ppd.gz	3,4 kB	15:35
hp-deskjet_3420.ppd.gz	3,5 kB	15:35

PPD Files

Cancelar

Abrir

Setup Device

☒ Printer Setup

Printer name: Deskjet_2130

Description:

Location:

PPD file: (Not found. Click browse button to select a PPD file.)



☐ Fax Setup

Fax name:

Fax number:

Name/company:

Description:

Location:

```
apt install hplip
```

```
hp-setup -i
```

```
Terminal
Archivo  Editar  Ver  Terminal  Pestañas  Ayuda
root@debiangui:~# apt install hplip
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
bc colord colord-data cups cups-browsed cups-core-drivers cups-daemon
cups-filters cups-filters-core-drivers cups-ppdc cups-server-common
hplip-data imagemagick imagemagick-6-common imagemagick-6.q16 libcolorhug2
libcupsctl libcupsmime1 libcupsppdc1 libfftw3-double3 libfontembed1
libgusb2 libgutenprint2 libhpmud0 libjxr-tools libjxr0 liblouisutdml-bin
liblouisutdml-data liblouisutdml7 liblqr-1-0 libmagickcore-6.q16-3
libmagickcore-6.q16-3-extra libmagickwand-6.q16-3 libnetpbm10 libqpdf17
libsane-hpaio netpbm poppler-utils printer-driver-gutenprint
printer-driver-hpcups printer-driver-postscript-hp python3-pexpect
python3-pil python3-ptyprocess python3-renderpm python3-reportlab
python3-reportlab-accel qpdf ssl-cert
Paquetes sugeridos:
colord-sensor-argyll foomatic-db-compressed-ppds | foomatic-db cups-pdf
smbclient antiword docx2txt hplip-doc hplip-gui python3-notify2
imagemagick-doc autotrace curl enscript ffmpeg gnuplot grads graphviz hp2xx
html2ps libwmf-bin mplayer povray radiance texlive-base-bin transfig
ufraw-batch libfftw3-bin libfftw3-dev gutenprint-locales ooo2dbk rtf2xml
inkscape gutenprint-doc python-pexpect-doc python-pil-doc python3-pil-dbg
python3-renderpm-dbg python3-egenix-mxtexttools python-reportlab-doc
```

```
Terminal
Archivo  Editor  Ver  Terminal  Pestañas  Ayuda
interactive (-i) mode.
root@debiangui:~# hp-setup -i

HP Linux Imaging and Printing System (ver. 3.16.11)
Printer/Fax Setup Utility ver. 9.0

Copyright (c) 2001-15 HP Development Company, LP
This software comes with ABSOLUTELY NO WARRANTY.
This is free software, and you are welcome to distribute it
under certain conditions. See COPYING file for more details.

(Note: Defaults for each question are maked with a '*'. Press <enter> to accept
the default.)

-----
| SELECT CONNECTION (I/O) TYPE |
-----

Num      Connection  Description
          Type

-----
```



```
Terminal
Archivo  Editor  Ver  Terminal  Pestañas  Ayuda

Setting up device: hp:/usb/DeskJet_2130_series?serial=CN76Q470N1065V

-----
| PRINT QUEUE SETUP |
-----

Please enter a name for this print queue (m=use model name: 'DeskJet_2130'*, q=quit) ?n
Using queue name: n
Locating PPD file... Please wait.

Found PPD file: drv:///hp/hpcups.drv/hp-deskjet_2130_series.ppd
Description:

Note: The model number may vary slightly from the actual model number on the device.

Does this PPD file appear to be the correct one (y=yes*, n=no, q=quit) ? y
Enter a location description for this printer (q=quit) ?q
OK, done.
root@debiangui:~#
```

Archivo Edit

Setting up

PRINT Q

Please enter
it) ?n
Using que
Locating

Found PPD
Descripti

Note: The
ice.

Does this
Enter a l
OK, done.
root@debi

Terminal

Home - CUPS 2.2.1 - Mozilla Firefox

HP Deskjet Ink Advan... x 8.7. Printer Configuration x CUPS Home - CUPS 2.2.1 x +

localhost:631

Buscar

CUPS.org Home Administration Classes Help Jobs Printers

CUPS 2.2.1

CUPS is the standards-based, open source printing system developed by [Apple Inc.](#) for macOS® and other UNIX®-like operating systems.

CUPS for Users

- [Overview of CUPS](#)
- [Command-Line Printing and Options](#)
- [User Forum](#)

CUPS for Administrators

- [Adding Printers and Classes](#)
- [Managing Operation Policies](#)
- [Using Network Printers](#)
- [cupsd.conf Reference](#)

CUPS for Developers

- [Introduction to CUPS Programming](#)
- [CUPS API](#)
- [Filter and Backend Programming](#)
- [HTTP and IPP APIs](#)
- [Developer Forum](#)


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Terminal

Home - CUPS 2.2.1 - Mozilla Firefox

HP Deskjet Ink Advan... 8.7. Printer Configuration CUPS Home - CUPS 2.2.1

localhost:631 Buscar

CUPS.org Home Administration Classes Help Jobs Printers

CUPS 2.2.1

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CUPS for Users	CUPS for Administrators	CUPS for Developers
Overview of CUPS	Adding Printers and Classes	Introduction to CUPS Programming
Command-Line Printing and Options	Managing Operation Policies	CUPS API
User Forum	Using Network Printers	Filter and Backend Programming
	cupsd.conf Reference	HTTP and IPP APIs
		Developer Forum

Setting up
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OK, done.
root@debi

Terminal

Administration - CUPS 2.2.1 - Mozilla Firefox

HP Deskjet Ink Advan... 8.7. Printer Configuration Administration - CUP... +

localhost:631/admin

CUPS.org Home Administration Classes Help Jobs Printers

Administration

Printers

Add Printer Find New Printers Manage Printers

Classes

Add Class Manage Classes

Jobs

Manage Jobs

Server

Edit Configuration File View Access Log View Error Log View Page Log

Server Settings:

Advanced ▶

☐ Share printers connected to this system

- ☐ Allow printing from the Internet

☐ Allow remote administration

☐ Use Kerberos authentication (FAQ)

☐ Allow users to cancel any job (not just their own)

☐ Save debugging information for troubleshooting

Change Settings

Archivo Edit

Setting u

PRINT Q

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Note: The
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Does this
Enter a l
OK, done.
root@debi

Terminal

Administration - CUPS 2.2.1 - Mozilla Firefox

HP Deskjet Ink Advan... 8.7. Printer Configuration Conectando...

localhost:631/admin

CUPS.org Home Administration Classes Help Jobs Printers

Administration

Printers

Classes

Jobs

Server

Inicio de sesión requerido

http://localhost:631 está solicitando tu usuario y contraseña. El sitio dice: "CUPS"

Usuario: root

Contraseña: ●●●●●

Cancelar Aceptar

Allow remote administration

Use Kerberos authentication (FAQ)

Allow users to cancel any job (not just their own)

Save debugging information for troubleshooting

Change Settings

Aplicaciones

Add Printer - CUPS 2.2.1...Terminal

16:24root

Add Printer - CUPS 2.2.1 - Mozilla Firefox

HP Deskjet Ink Advan...8.7. Printer ConfigurationAdd Printer - CUPS 2....

localhost:631/admin/Buscar

CUPS.orgHomeAdministrationClassesHelpJobsPrinters

Add Printer

Add Printer

Local Printers:

☒ HP DeskJet 2130 series USB CN76Q470N1065V HPLIP (HP DeskJet 2130 series)

☐ HP DeskJet 2130 series (HP DeskJet 2130 series)

☐ HP Fax (HPLIP)

Discovered Network Printers:

Other Network Printers:

☐ AppSocket/HP JetDirect

☐ Internet Printing Protocol (ipp)

☐ Backend Error Handler

☐ Internet Printing Protocol (ipp14)

☐ Internet Printing Protocol (https)

☐ Internet Printing Protocol (http)

☐ Internet Printing Protocol (ipp)

☐ LPD/LPR Host or Printer

Continue

Add Printer

Add Printer

Name: HP_DeskJet_2130_series

(May contain any printable characters except "/", "#", and space)

Description: HP DeskJet 2130 series

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

Location:

(Human-readable location such as "Lab 1")

Connection: hp:/usb/DeskJet_2130_series?serial=CN76Q470N1065V

Sharing: ☒ Share This Printer

Continue

Add Printer

Add Printer

Name: HP_DeskJet_2130_series

Description: HP DeskJet 2130 series

Location:

Connection: hp:/usb/DeskJet_2130_series?serial=CN76Q470N1065V

Sharing: Share This Printer

Make: HP

Select Another Make/Manufacturer

Model:

HP Deskjet 2130 Series, hpcups 3.16.11 (en)
HP Deskjet 2130 Series, hpcups 3.18.6 (en)
HP Deskjet 2130 Series, hpcups 3.18.6 (en, en)
HP 910, hpcups 3.16.11 (en)
HP 910, hpcups 3.18.6 (en)
HP 910, hpcups 3.18.6 (en, en)
HP 915, hpcups 3.16.11 (en)
HP 915, hpcups 3.18.6 (en)
HP 915, hpcups 3.18.6 (en, en)
HP 2000c, hpcups 3.16.11 (en)

Set Printer Options

Set Default Options for HP_DeskJet_2130_series

General Banners Policies

General

Media Size: Letter 8.5x11in

Output Mode: Color

Media Type: Plain Paper

Print Quality: Normal

Set Default Options

Set Printer Options

Set Default Options for HP_DeskJet_2130_series

Printer [HP_DeskJet_2130_series](#) default options have been set successfully.


```
systemctl restart cups.service
```

Sin título 1 - LibreOffice Writer

Archivo Editar Ver Insertar Formato Estilos Tabla Herramientas Ventana Ayuda

Estilo predet...

216 mm (Carta)

279 mm

1 / 1

Ayuda

Imprimir

General LibreOffice Writer Disposición de página Opciones

Impresora

Imprimir en un archivo...

HP_DeskJet_2130_series

► Detalles

Propiedades...

Intervalo y copias

☒ Todas las páginas

☐ Páginas 1

☐ Selección

☐ Imprimir en orden inverso

Cantidad de copias 1

☒ Ordenar

Imprimir

Comentarios Ninguno (solo el documento)

Aceptar Cancelar

Página 1 de 1 | 1 palabras, 3 caracteres | Estilo predeterminado | Español (Chile) | 100 %

Servidor impresión

Add Printer Find New Printers Manage Printers

Edit Configuration File View Access Log View Error Log
View Page Log

Classes

Add Class Manage Classes

Jobs

Manage Jobs

Server Settings:

Advanced ▶

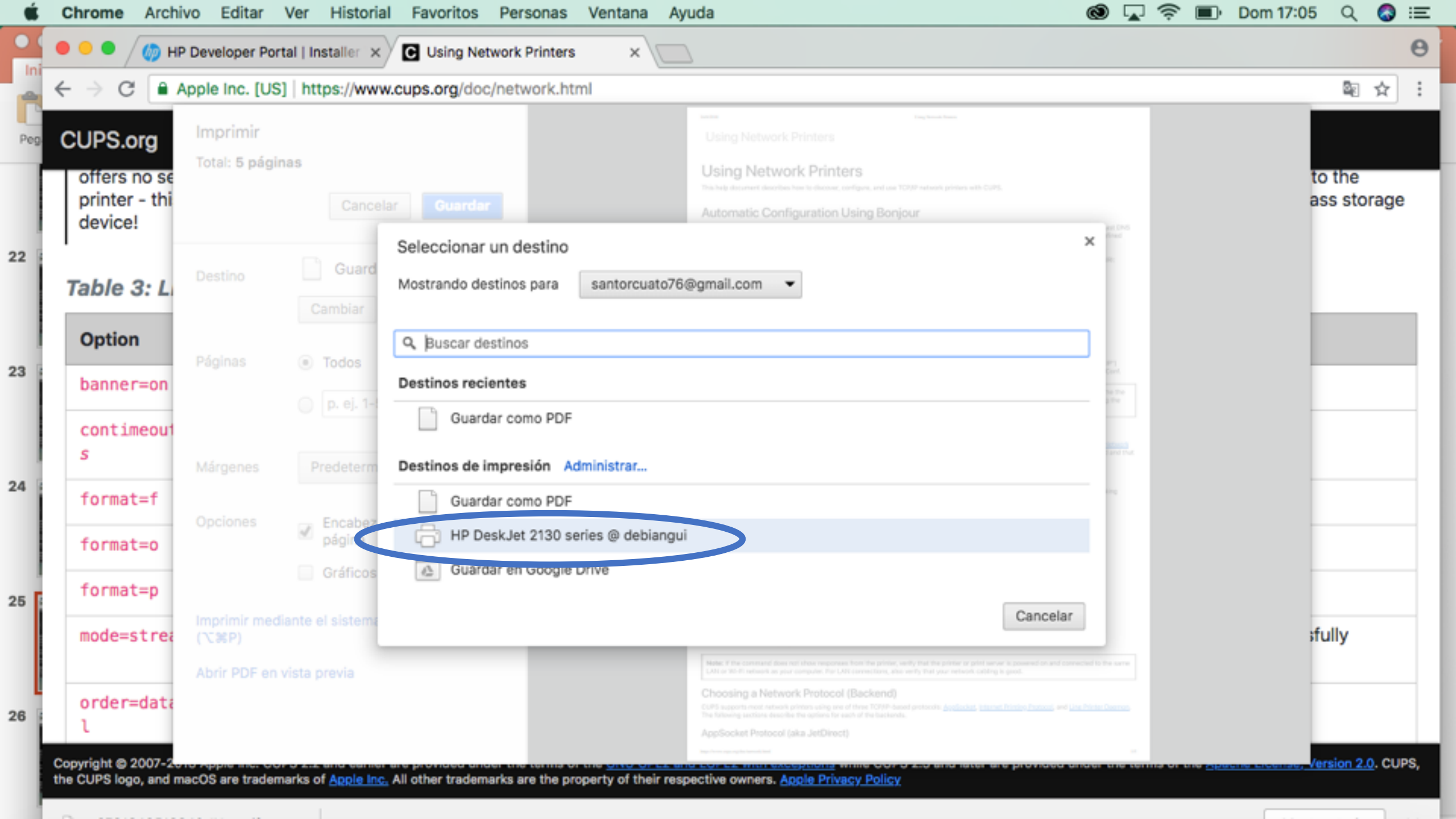
- ☒ Share printers connected to this system
 - ☒ Allow printing from the Internet
- ☐ Allow remote administration
- ☐ Use Kerberos authentication ([FAQ](#))
- ☐ Allow users to cancel any job (not just their own)
- ☐ Save debugging information for troubleshooting

Change Settings

RSS Subscriptions

Add RSS Subscription

- Reiniciar
- La impresora debería estar disponible para todos los equipos de la red.



CUPS.org

Imprimir

Total: 5 páginas

Cancelar

Guardar

Using Network Printers

Using Network Printers

This help document describes how to discover, configure, and use TCP/IP network printers with CUPS.

Automatic Configuration Using Bonjour

Seleccionar un destino

Mostrando destinos para

santorcuato76@gmail.com

Buscar destinos

Destinos recientes

Guardar como PDF

Destinos de impresión Administrar...

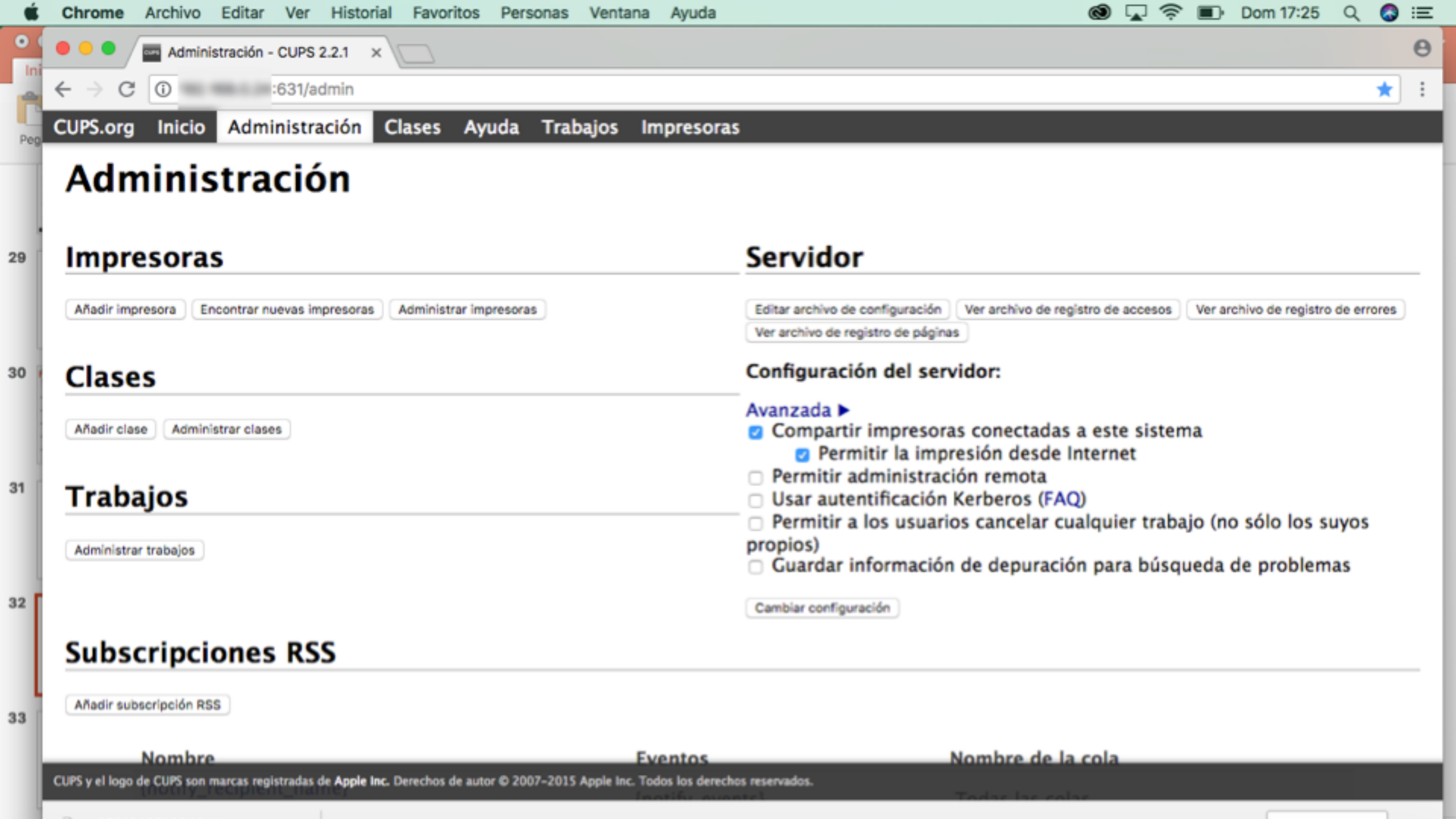
Guardar como PDF

HP DeskJet 2130 series @ debiangu

Guardar en Google Drive

Cancelar

- Puedes configurar de manera remota en caso que no hayas instalado escritorio.



Administración

Impresoras

[Añadir impresora](#) [Encontrar nuevas impresoras](#) [Administrar impresoras](#)

Clases

[Añadir clase](#) [Administrar clases](#)

Trabajos

[Administrar trabajos](#)

Subscripciones RSS

[Añadir subscripción RSS](#)

Servidor

[Editar archivo de configuración](#) [Ver archivo de registro de accesos](#) [Ver archivo de registro de errores](#)
[Ver archivo de registro de páginas](#)

Configuración del servidor:

Avanzada ▶

- ☒ Compartir impresoras conectadas a este sistema
 - ☒ Permitir la impresión desde Internet
- ☐ Permitir administración remota
- ☐ Usar autenticación Kerberos ([FAQ](#))
- ☐ Permitir a los usuarios cancelar cualquier trabajo (no sólo los suyos propios)
- ☐ Guardar información de depuración para búsqueda de problemas

[Cambiar configuración](#)