LRS
OUTPUT MANAGEMENT

INSTALLATION GUIDE

Google Chromebook

CONTENTS

INTRODUCTION

The LRS Software can used to print in two different modes (push print and pull print). For information on configuring Chromebooks for each mode of printing, refer to the relevant section.

- Push Print – Prints a document immediately. The print file is sent to a specific queue for each physical printer on the VPSX Server. The VPSX server will deliver the print files to the physical printer as soon as it is available.
- Pull Print – Prints a document to a logical queue. The user then authenticates at any enabled printers and has the options to select which files to print. LRS offer several options for authentication and print release, including an embedded LRS software client on the MFP with card and/or code authentication and authentication from a mobile phone App or Web App)

SETTING UP PUSH PRINTING

ACTIVATE USERNAME AND JOB NAME INFORMATION (REQUIRED TO SEND ACCURATE USER AND DOCUMENT NAME, ALSO ENABLES ENCRYPTION)

- Login to Google Enterprise Administration Console
- Activate policy
- Go to: Print Job information section
- Select "Include user account and filename in print job"

CHECK/CONFIGURE PRINTER
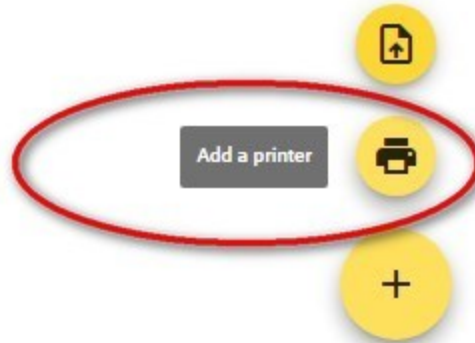
- Login to the LRS VPSX Web console
- Open printer list

- Check printer name & VPSX/Workplace license

- Login in Google Enterprise Administration Console
- go to: Printers list
- Click yellow "+" to add printer

- Create printer using server name & queue name

- o Printer name: the common name visible to users
- o Description: adds complementary information
- o Select the most suitable driver for your printer or system
- o Select Protocol, IPPS is required to set the correct user and document name and activate encryption
- o Enter port: 9443 is default IPPS port for LRS servers, 631 is usual IPP port.
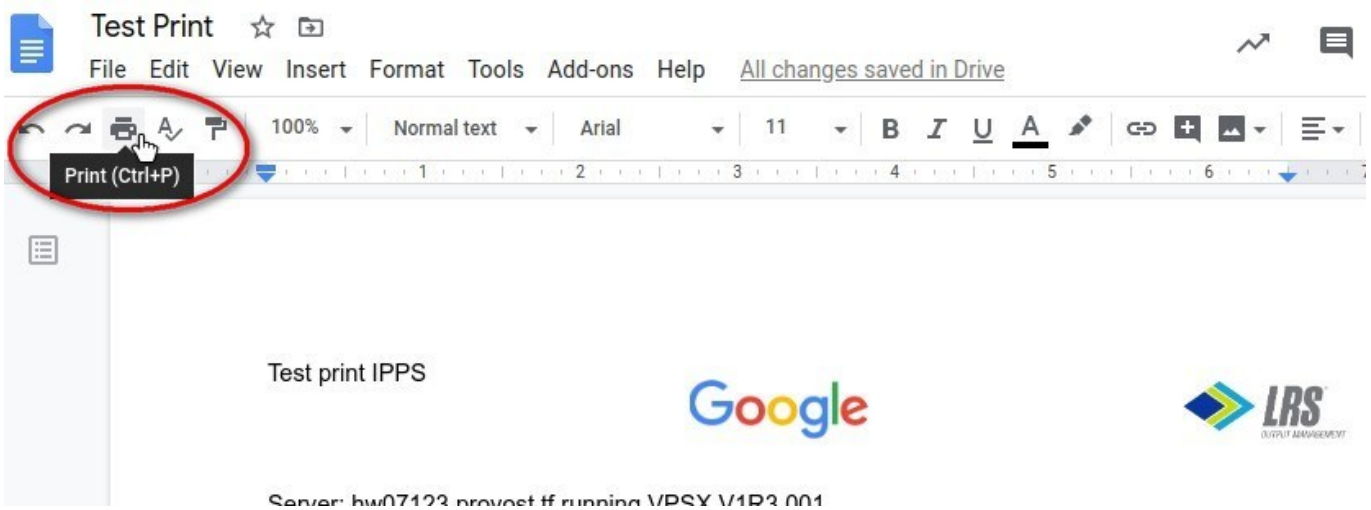- o Path: is the matching queue name in VPSX

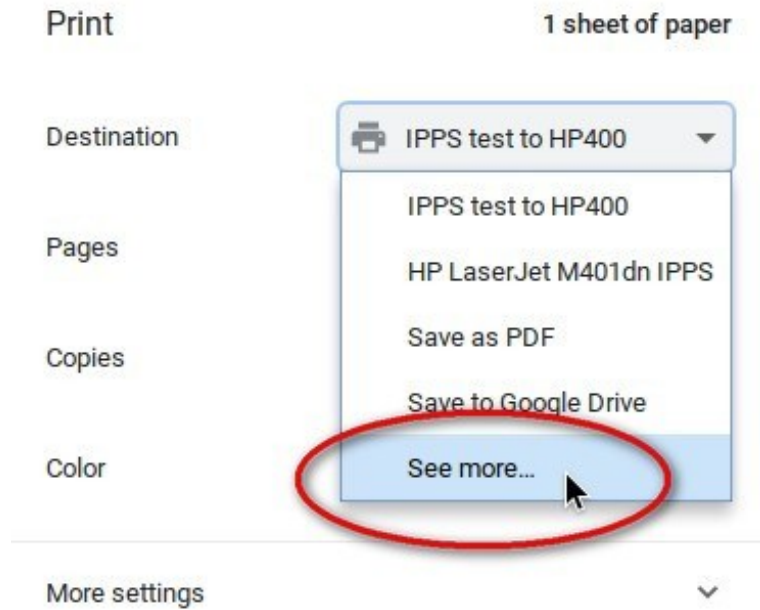- Select created printer and activate availability options for users
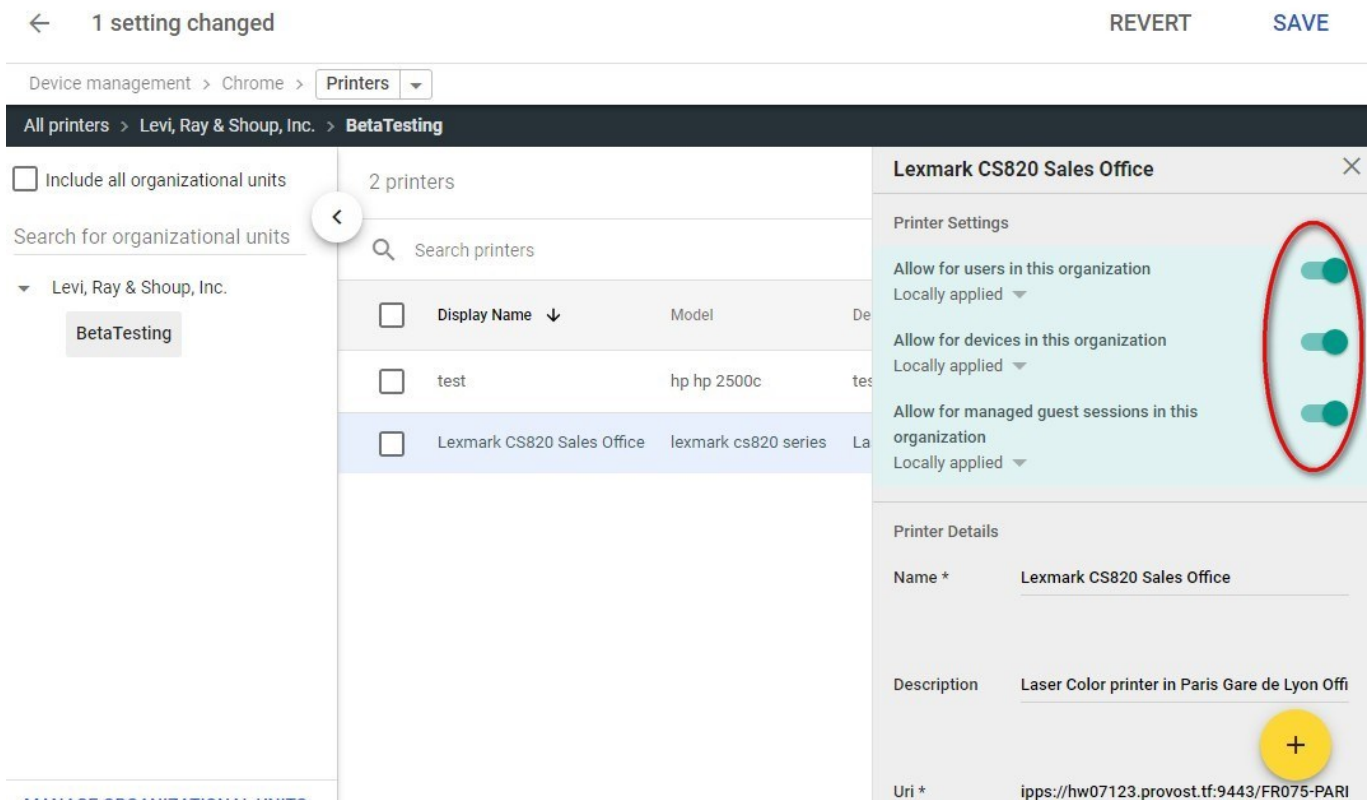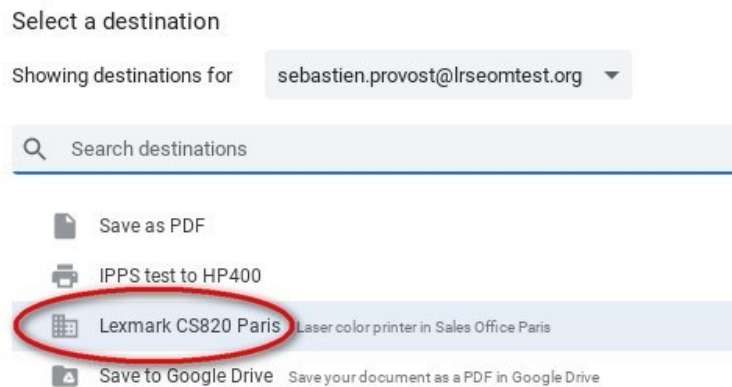

- Click "Save"

USER TEST

- Print a document from a Chromebook
  - Login on a managed Chromebook
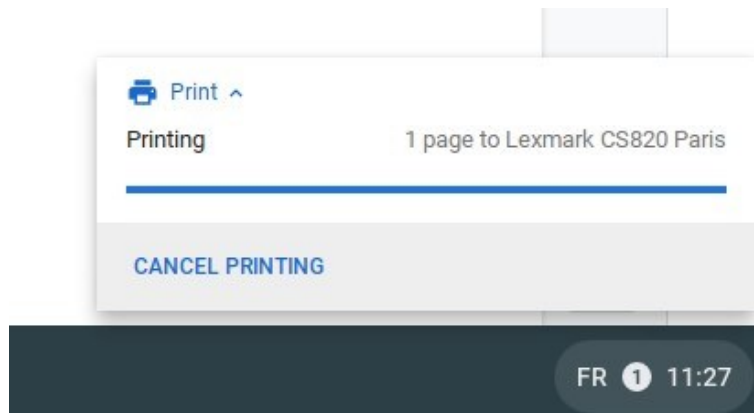 - Open a document and click on the "Print" button on top left

- In destination, select "See More..."

- Select the newly defined printer then click "Print"

- The system then shows "Printing" message as below, and when finished a "Printing complete" message to the user

- Login in LRS admin
- Printed job can be viewed in "Retained Queue"
    - (if retention has been configured for that printer)

SETTING UP PULL PRINTING

ACTIVATE USERNAME AND JOB NAME INFORMATION (REQUIRED)

- Login to Google Enterprise Administration Console
- Activate Policy
- go to: Print Job information section
- Select "include user account and filename in print job"

CHECK/CONFIGURE PRINTER

- Login to LRS VPSX Web Console
- Open the printer list

- Check printers: MFPsecure/Print license & agent deployment
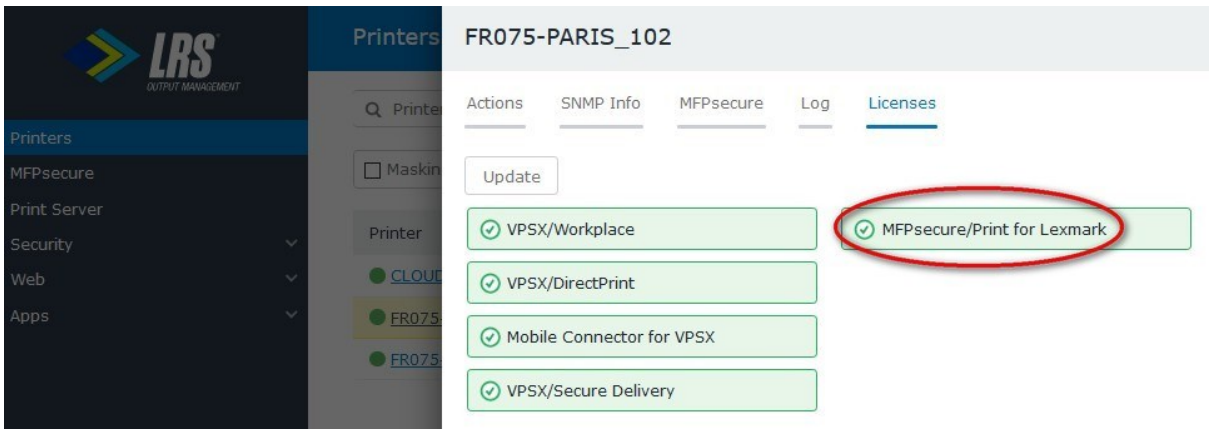
- Check/configure Pull Print queue
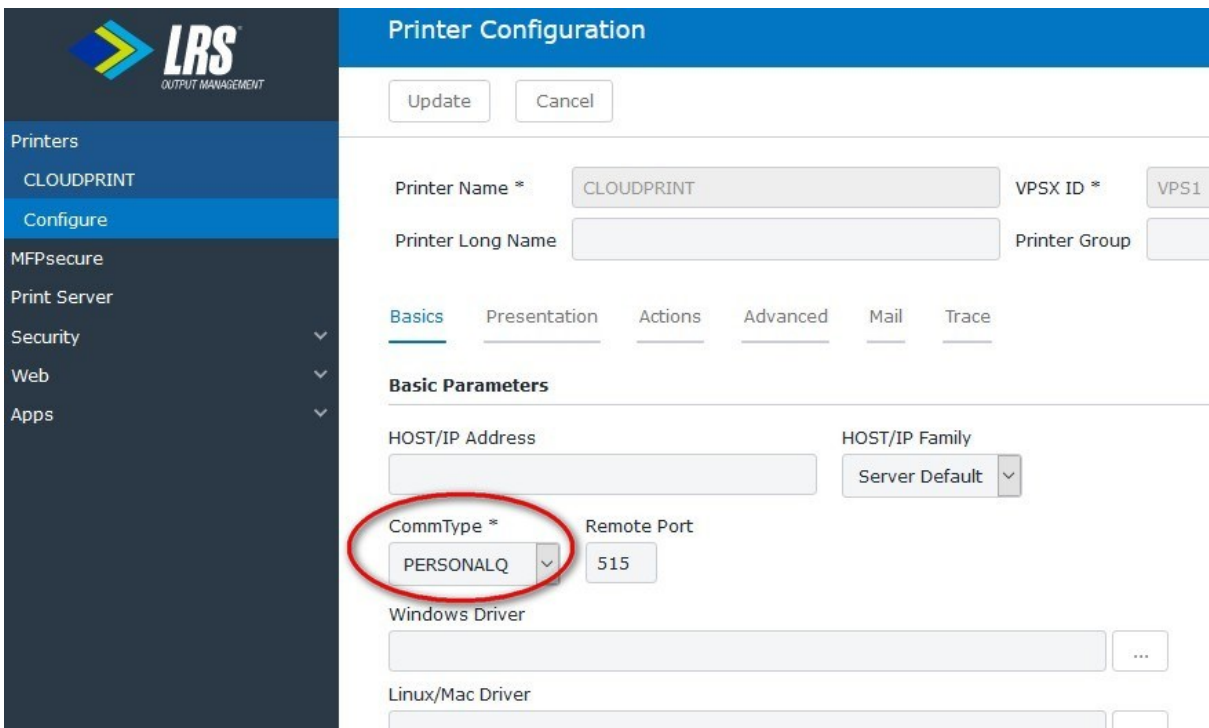
CREATE USER aliases

- If the google user name used by Chromebook is different to the Active Directory (AD) credentials for same user, an alias can be defined to allow concurrent use of both google and AD user name for pull print release
- Login to LRS VPSX Web Console and select MFPsecure -> Users
- Look up the AD user name
- Add the Google user name in the Alias field for the AD user name
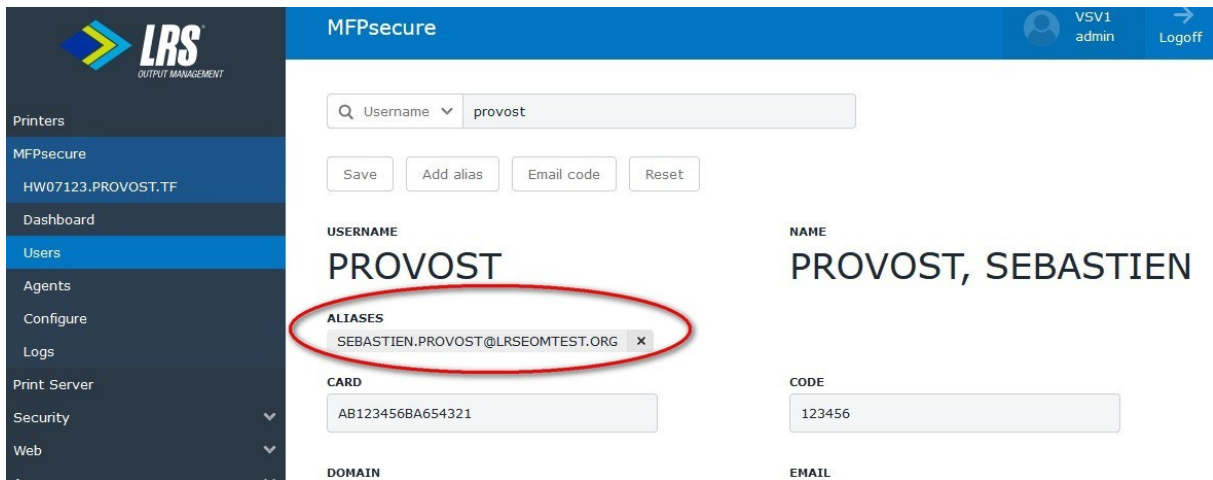
- Associating the Google name as an Alias of the AD name can be automated. Refer to LRS for further details.

CREATE ENTERPRISE PULL-PRINT VIRTUAL PRINTER

- Login in Google Enterprise Administration Console
- go to Printers list
- Click yellow "+" to add printer
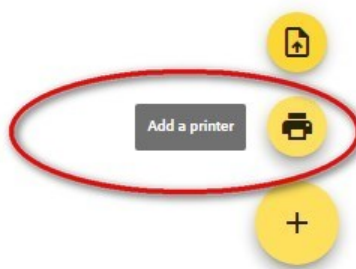
CREATE PRINTER USING SERVER NAME & QUEUE NAME
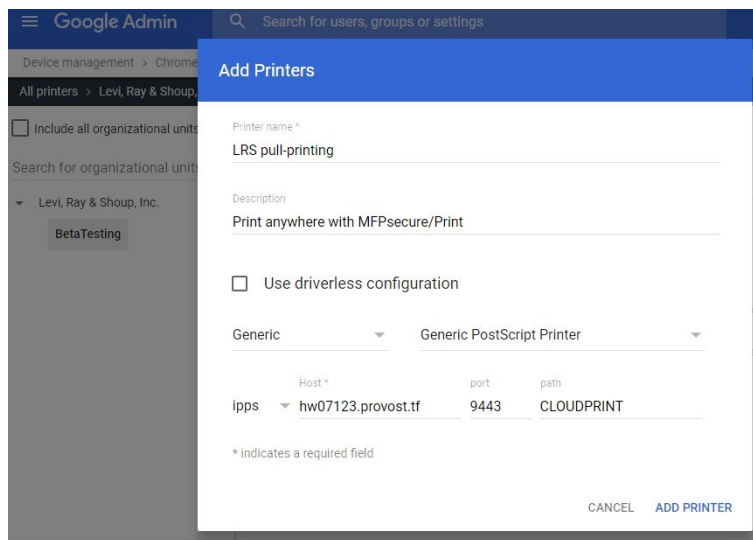
- o   Printer name: is the Pull-Print queue name visible to users

- o Description: adds complementary information
- o Select the most suitable driver for your system, compatible with all pull-print printers
- o Select Protocol, IPPS is mandatory
- o Enter port: 9443 is default IPPS port for LRS servers
- o Path: is the matching pull-print queue name in VPSX
- Select created printer and activate availability options for users
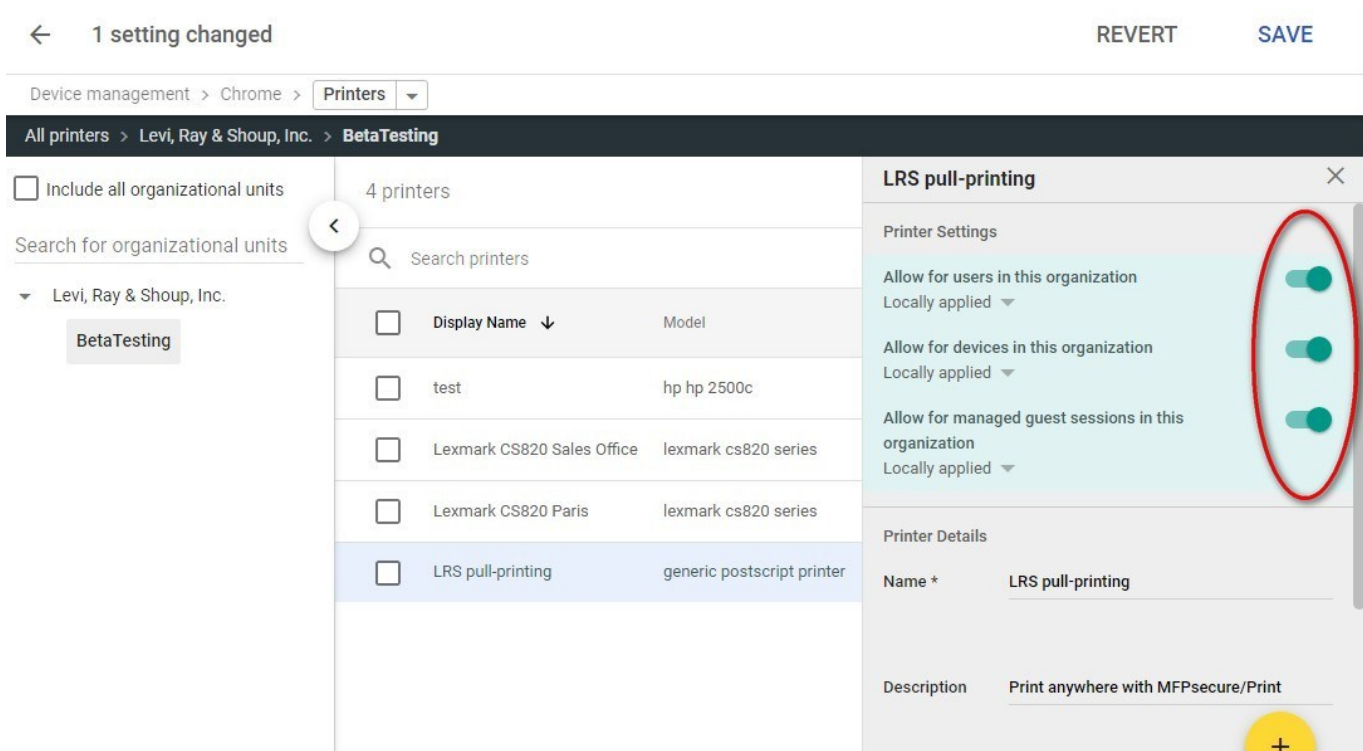
- Click "Save"

USER TEST

- Print a document from a Chromebook
  - o Login to a managed Chromebook
  - o Open a document and click on the "Print" button on top right

- In destination, select "See More..."

Print   1 sheet of paper

Destination   🖶 IPPS test to HP400   ▼
                    IPPS test to HP400
Pages   HP LaserJet M401dn IPPS
                    Save as PDF
Copies
                    Save to Google Drive
Color   See more...   ꕤ

More settings   ⌄
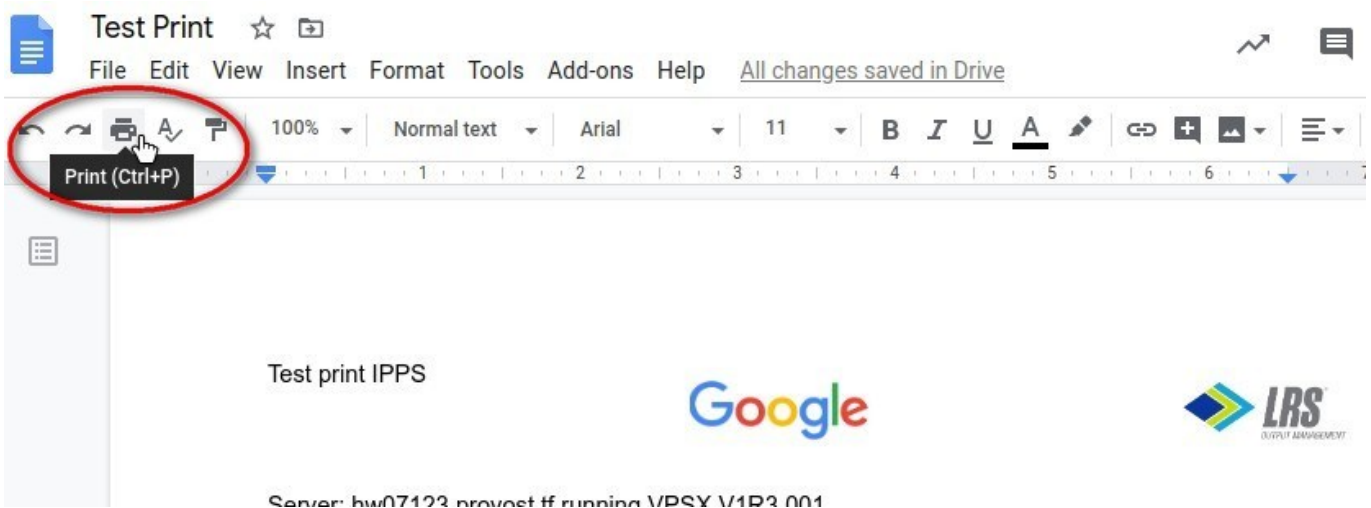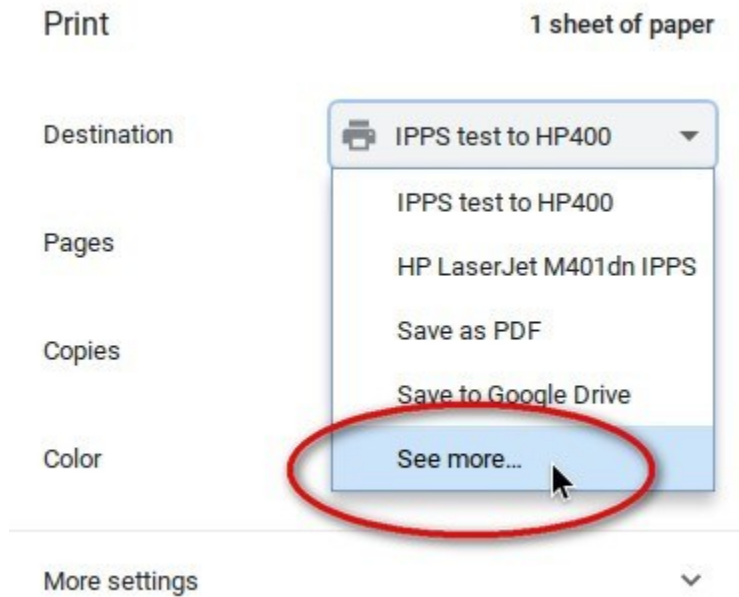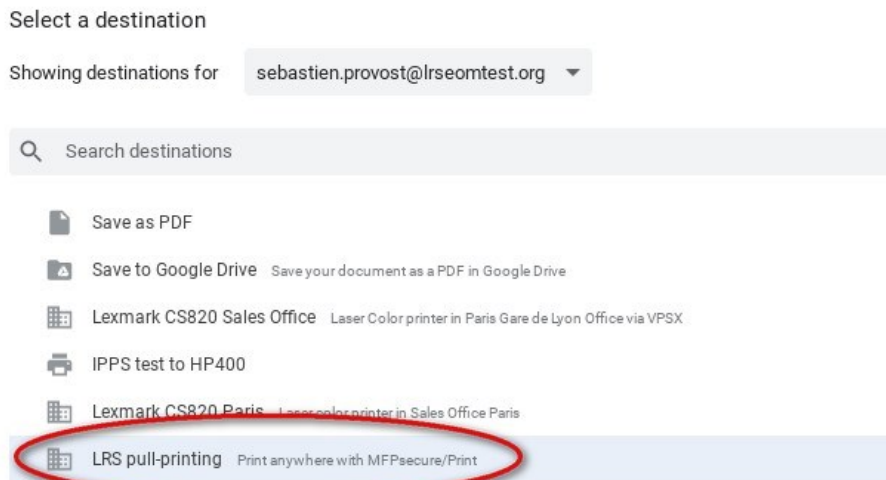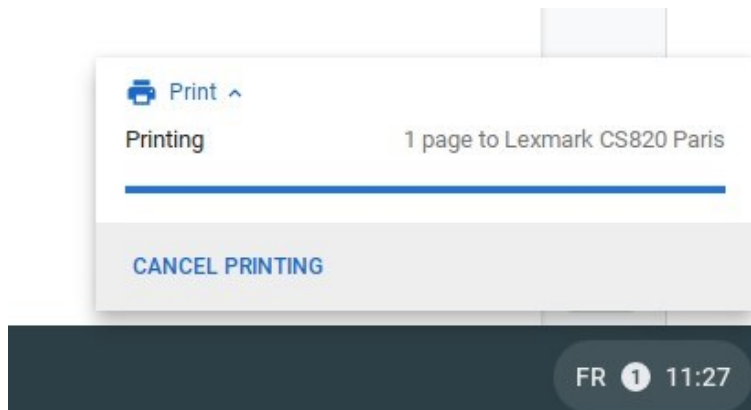
- Select the newly defined pull-print queue then click "Print"

Select a destination

Showing destinations for   sebastien.provost@lrseomtest.org   ▼

🔍 Search destinations

📄 Save as PDF
📁 Save to Google Drive   Save your document as a PDF in Google Drive
🗏 Lexmark CS820 Sales Office   Laser Color printer in Paris Gare de Lyon Office via VPSX
🖶 IPPS test to HP400
🗏 Lexmark CS820 Paris   Laser color printer in Sales Office Paris
🗏 LRS pull-printing   Print anywhere with MFPsecure/Print

- The system should send back a "printing message", then "Printing complete"

🖶 Print ⌃
Printing   1 page to Lexmark CS820 Paris

CANCEL PRINTING

FR ❶ 11:27

VIEW WAITING PRINT JOBS LIST

- Login in LRS VPSX Web console
- Open the Pull Print queue

- You will see the print job, in waiting status with user information associated to it

COLLECT PRINT JOB

- Go to any LRS Pull Print enabled printer
- Authenticate with a card or PIN
- Open Secure Print app
- Select a job to print or use "Print All" to release all submitted jobs