



```
#apt-get install cups
```

Da naš server sluša zahtjeve sa drugih računala zakomentiramo retke za *localhost* i dodamo u */etc/cups/cupsd.conf* kao u našem primjeru dio.

```
#Listen localhost:631
#Listen Port 631
Listen 192.168.1.85:631
```

Za omogućavanje udaljenog korištenja preko mreže i pristupa administraciji sa drugih računala treba pokrenuti.

```
#cupsctl --remote-admin
```

Restartamo *cups server* i provjerimo koji su portovi otvoreni.

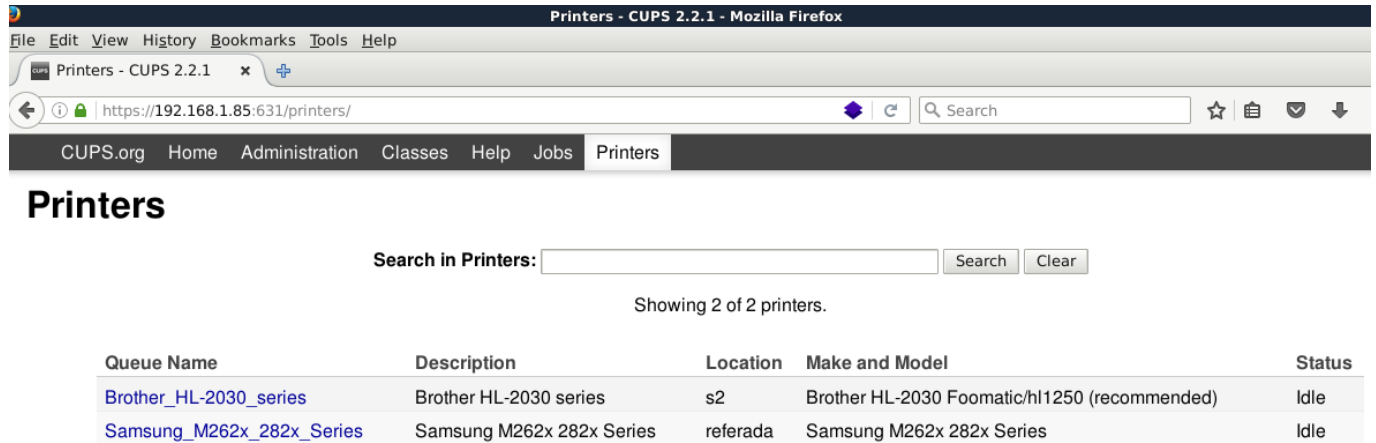
```
$nmap 192.168.1.85
Starting Nmap 5.21 ( http://nmap.org ) at 2018-11-05 11:09 CET
Nmap scan report for 192.168.1.85
Host is up (0.0014s latency).
Not shown: 998 closed ports
PORT      STATE SERVICE
22/tcp    open  ssh
631/tcp    open  ipp
```

Pokrenemo administratorsko sučelje na adresi <https://192.168.1.85:631/admin/> i prijavljujemo se kao *root* korisnik *Debian* sustava. *Cups server* prepoznaje sve mrežne printere na lokalnoj mreži.

```
Add Printer
Add Printer
Local Printers:      Serial Port #1
Serial Port #3
Discovered Network Printers:
  NRG MP 2501 (NRG MP 2501)
  RICOH Aficio MP 301 (RICOH Aficio MP 301)
  HP LaserJet Professional P1606dn (HP LaserJet Professional P1606dn)
  NRG MP 2001 (NRG MP 2001)

Other Network Printers:  Internet Printing Protocol (ipp)
Backend Error Handler
Internet Printing Protocol (ipps)
Internet Printing Protocol (ipp14)
Internet Printing Protocol (http)
LPD/LPR Host or Printer
AppSocket/HP JetDirect
Internet Printing Protocol (https)
```

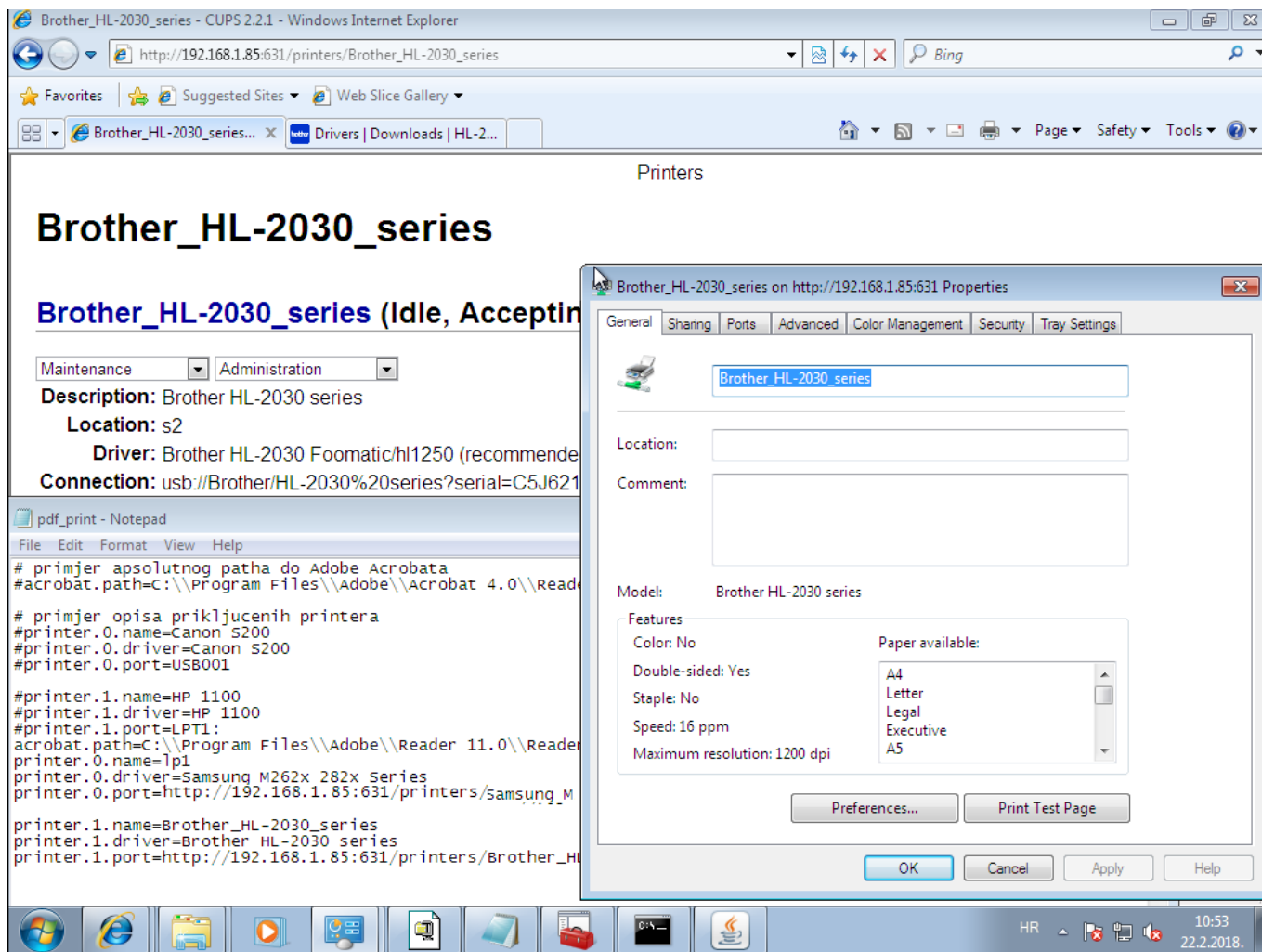
Priključimo 2 USB printera na *Cubietruck*, te ih preko *Cups Administration* s *Add Printer* poslužimo preko mreže, kako bi ih mogli testirati. Na adresi <https://192.168.1.85:631/printers> imamo:



The screenshot shows the CUPS 2.2.1 Printers web interface. The browser title is "Printers - CUPS 2.2.1 - Mozilla Firefox". The address bar shows the URL <https://192.168.1.85:631/printers/>. The navigation menu includes CUPS.org, Home, Administration, Classes, Help, Jobs, and Printers. The main heading is "Printers". Below the heading is a search bar labeled "Search in Printers:" with a "Search" button and a "Clear" button. Below the search bar, it says "Showing 2 of 2 printers." A table lists the printers:

Queue Name	Description	Location	Make and Model	Status
<a href="#">Brother_HL-2030_series</a>	Brother HL-2030 series	s2	Brother HL-2030 Foomatic/hl1250 (recommended)	Idle
<a href="#">Samsung_M262x_282x_Series</a>	Samsung M262x 282x Series	referada	Samsung M262x 282x Series	Idle

Nakon toga jednostavno po [dokumentaciji](#) [3] instaliramo printere na *Windows* klijenta uz pripadne drivere *Sharing via IPP* protokolom. To sa klijenta ISVU printer servera izgleda ovako:



Printanje tekst datoteka ili nekih drugih dokumenata s *Windowsa* ide bez problema. No, za ISVU server klijenta i njegovu aplikaciju printeri ne funkcioniraju. Probali smo po uputama unijeti one parametre koje smo pronašli na *Windows* instalaciji. Očito ti parametri nisu servirani kako bi aplikacija to željela.

Nismo sigurni da naš *Linux* print server zadovoljava ISVU aplikaciju sa kojom bi trebao komunicirati i odustajemo od daljnjeg testiranja printanja pomoću *Samba* protokola. Razlog više je jedno gotovo print server rješenje koje ima više-manje pripremljenu konfiguraciju.

O prilagođavanju print servera za naše potrebe više u [sljedećem članku](#) [4].

čet, 2018-11-08 13:02 - Goran Šljivić **Kategorije:** [Hardware](#) [5]

**Vote:** 5

Vaša ocjena: Nema Average: 5 (1 vote)

**story\_tag:** [print](#) [6]  
[server](#) [7]

**Source URL:** <https://sysportal.carnet.hr/node/1829>

#### Links

- [1] <https://docs.armbian.com/>
- [2] <https://www.raspberrypi.org/downloads/raspbian/>
- [3] [https://wiki.archlinux.org/index.php/CUPS/Printer\\_sharing](https://wiki.archlinux.org/index.php/CUPS/Printer_sharing)
- [4] <https://sysportal.carnet.hr/node/1830>
- [5] <https://sysportal.carnet.hr/taxonomy/term/24>
- [6] <https://sysportal.carnet.hr/taxonomy/term/283>
- [7] <https://sysportal.carnet.hr/taxonomy/term/272>