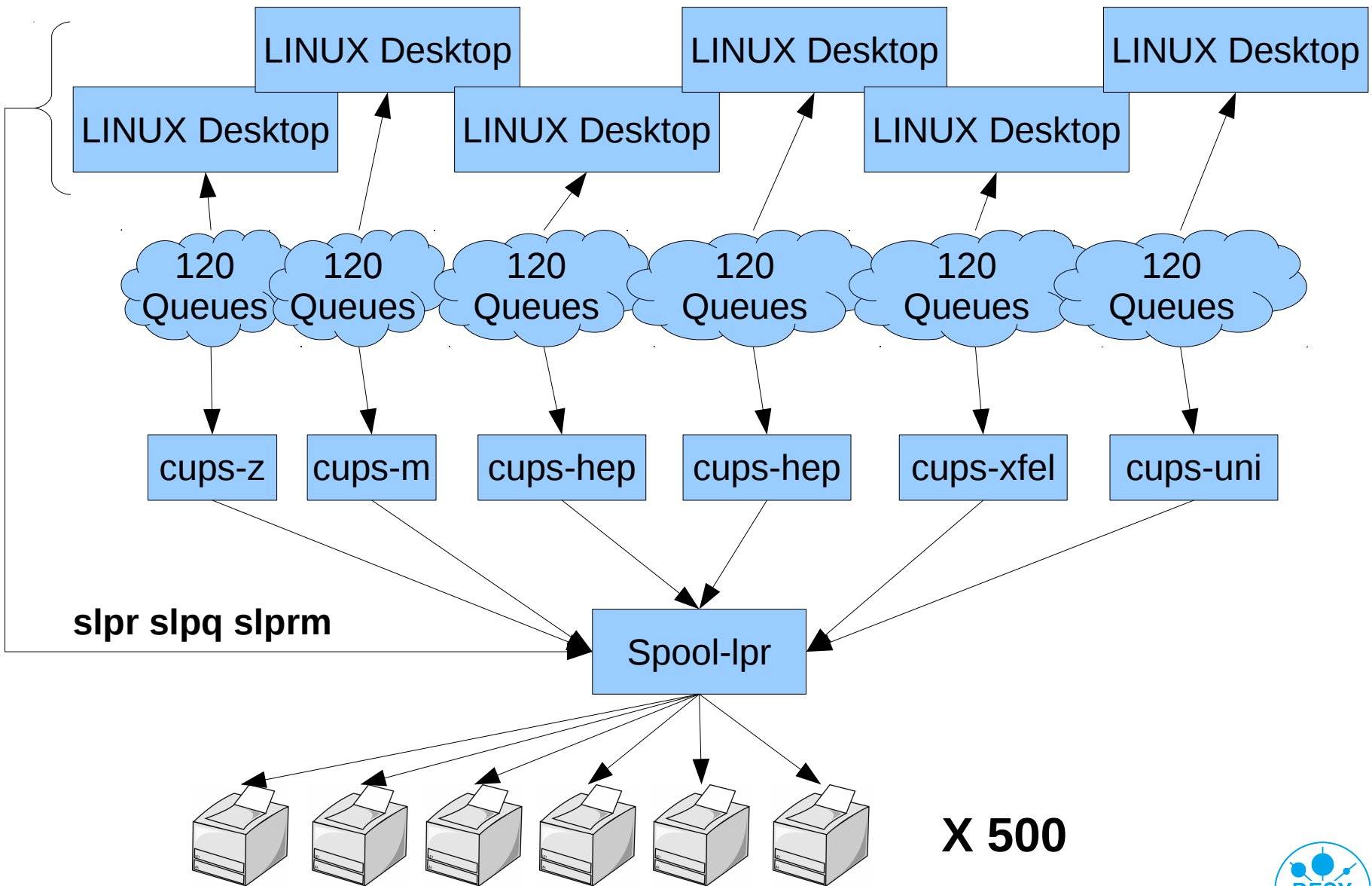


DESY LINUX printing - update

Christoph Beyer
LINUX User Meeting
Hamburg 12.03.2015

CUPS printing Infrastructur today



Reasons for the 'dedicated Server' Setup

- > At the time the only way to use fully dynamic server-hosted drivers (apart from enabling browsing)
- > Distributing the queues over different CUPS Server was necessary to keep the drop-down lists of printing menus manageable
- > Load was distributed over a couple of Server
- > Extremely simple configuration on the client

Drawbacks:

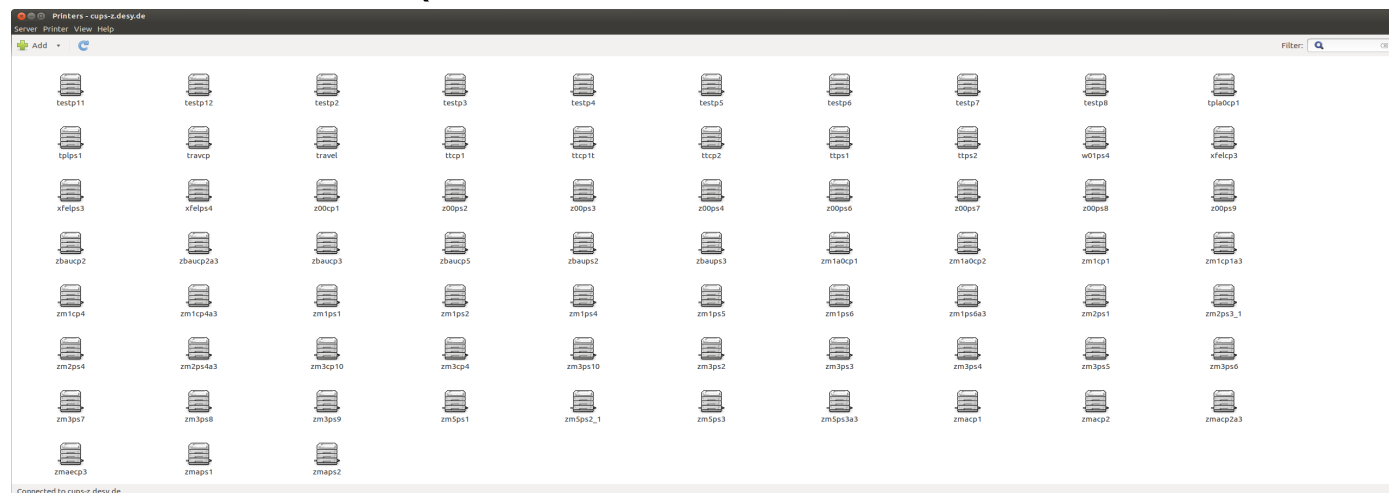
- > Many Server to manage (All VM's now though)
- > Many unused Queues/Printers on the client host
- > Still very long drop-down lists
- > No use of local printers or additional servers possible
- > The printer Set represented by a single CUPS Server is not perfect for everybody



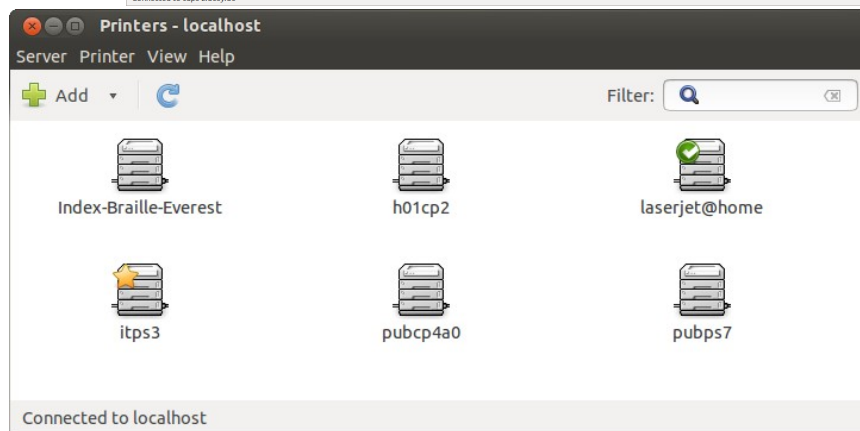
What has changed with CUPS 2.0 (or rather CUPS 1.x)

- > Dynamic driver deployment is supported for single printer installations
- > A user can have a personal subset of DESY printers alongside with printers from other sources (different CUPS server, SMB server, local printer)

Now:

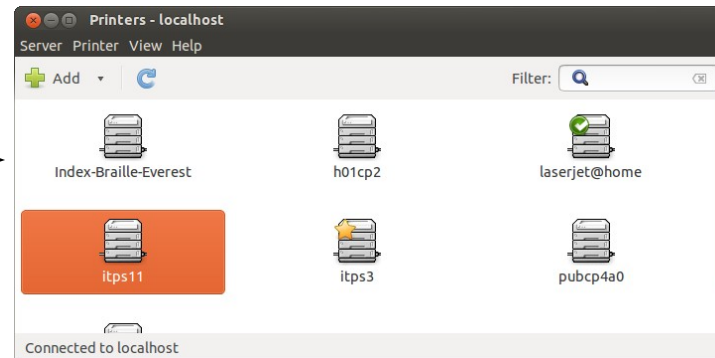
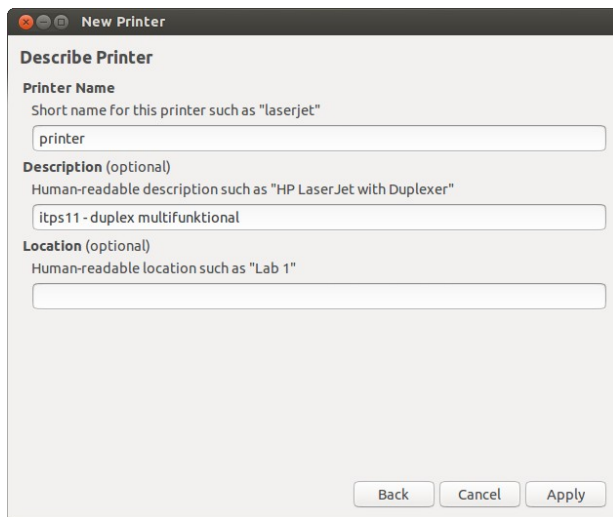
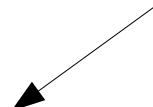
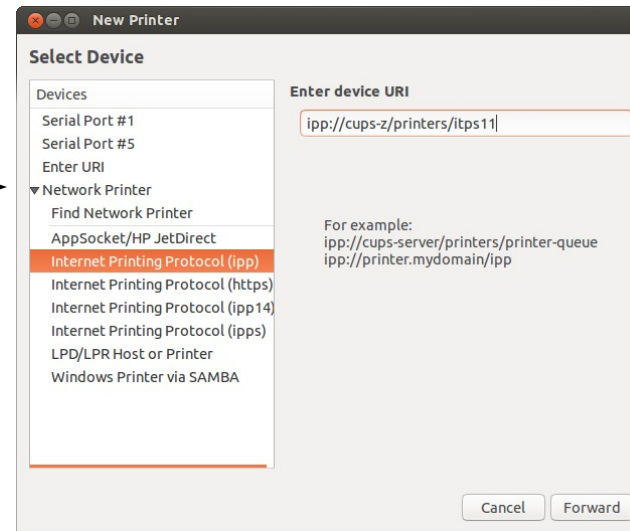
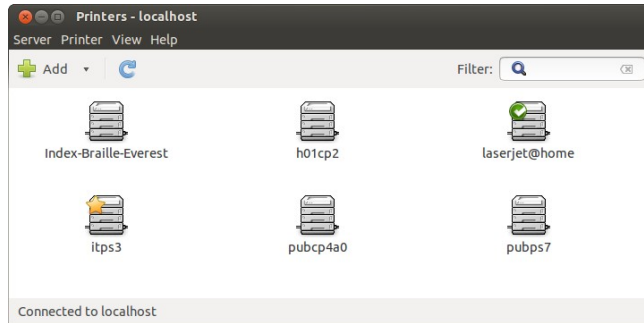


Then:

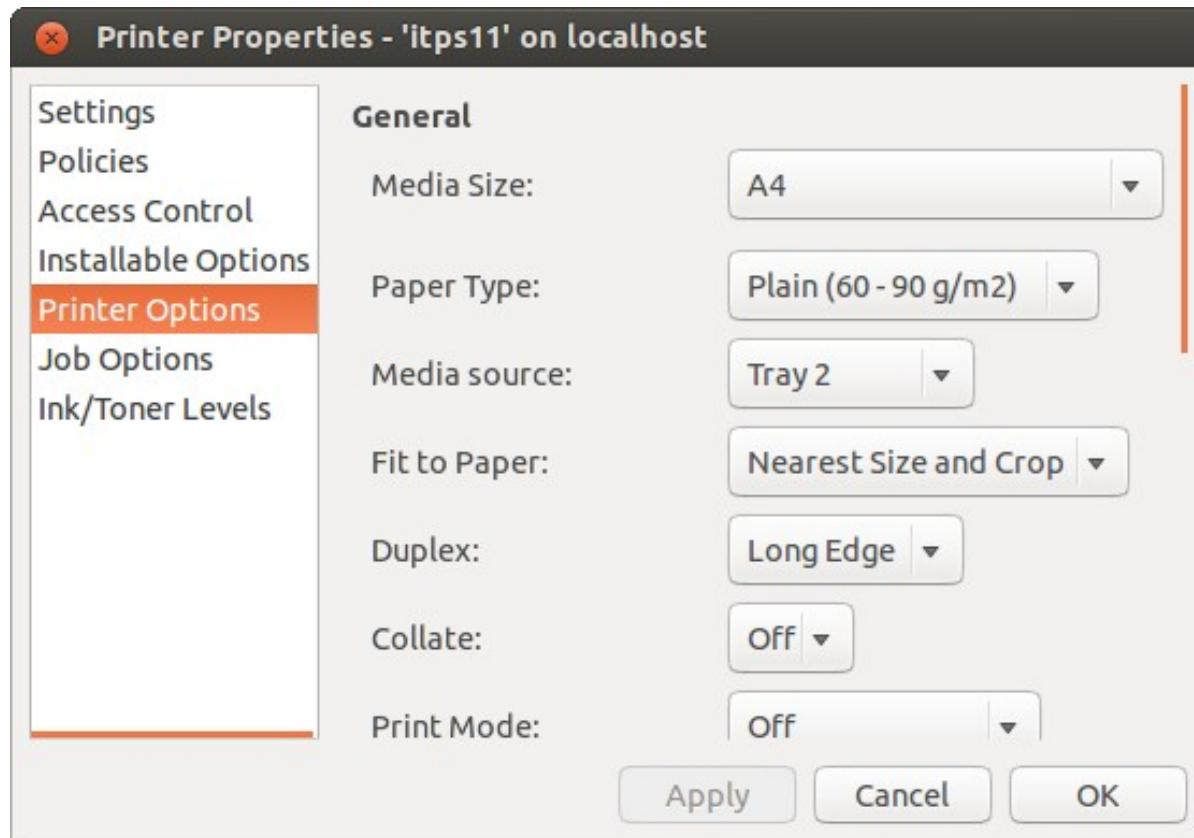


How it works

- > Using the tools that come with the distro (in this case UBUNTU/GNOME) or 'localhost:631'



Comes with Bells and Whistles



- > Will work with EL7 & the next Desktop Release
- > A scripted solution will be available

