# Roteiro para Instalação da Impressora Lexmark T520 no Red Hat 7.1

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### Instalando os Drivers da Impressora:

Va até o site da Lexmark (<u>www.lexmark.com</u>) e baixe os drivers para a impressora T520. Neste caso serão os drivers para a distribuição Red Hat Linux. Baixe o pacote RMP zipado para o diretório /tmp (ex: print-drivers-linux-glibc2-x86.rpm.gz).

Concluído o download vamos descompactar o arquivo:

#### [root@lcadx tmp]# gunzip print-drivers-linux-glibc2-x86.rpm.gz

Apos descompactar o arquivo instale o pacote RPM:

#### [root@lcadx tmp]# rpm -ivh print-drivers-linux-glibc2-x86.rpm

Pronto! Os drivers foram instalados:

Figura 1 - Instalação dos Drivers

Agora o próximo passo e rodar o script de instalação da impressora como segue:

#### [root@lcadx tmp]# /usr/local/lexmark/setup.lexprint

Na primeira pergunta apenas pressione ENTER.

```
Lexmark Print Drivers Setup Script
This application is a suid root program, which allows the
root user or members of the administrative group to have
administrative privileges. These privileges include adding,
removing, and modifying printer queues.
To set the administrative group, select any valid group that
is listed in /etc/group file.
Enter an administrative group or press <ENTER>
to use the default (bin):
     Checking your spool directories:
  creating /var/spool/lexmark ... OK
  creating /var/spool/lexmark/unix_prt_drivers ... OK
  creating /var/spool/lexmark/unix prt drivers/.lexprint ... OK
  creating /var/spool/lexmark/unix prt drivers/.lexprint/props ... OK
  creating /var/spool/lexmark/unix_prt_drivers/vir_devices ... OK
  creating /var/spool/lexmark/unix prt drivers/vir queues ... OK
Setting PDD permissions... Done
```

S... Done

Figura 2

Continuando, selecione a opção **2** para usar o Firefox como navegador padrão para exibir os arquivos html do arquivo de ajuda.

Lexmark Print Drivers Help System consists of html files. To be able to view these html help files, we need the absolute path to a valid "Web Browser". 1. /usr/bin/konqueror 2. /usr/bin/firefox 3. Specify a web browser. 4. None. Enter your choice : [4]

Figura 3

Configurando o tamanho do papel, selecione a opção 2 (A4).

```
Default paper size selection.
1. Letter (default)
2. A4
Enter your choice : [1] 2
```

#### Figura 4

Em Asian Driver Support selecione a opção 1 (Disable).

```
Asian Driver Support
Enabling Asian Driver support provides users with additional Asian
printing options, such as printing with and without the Asian Font
Dimm. You can access these features from the driver properties
font tab.
In-order to take advantage of these features, you must enable this
option and create a printer queue with Asian in the model name.
Do you want to enable Asian driver support?
1. Disable (default)
2. Enable
Enter your choice : [1] 1
```

Figura 5

Em Lexmark KDE/GNOME Menu Utility selecione para ambos a opção 1.

```
Lexmark KDE Menu Utility

1. Install Lexmark applications into the KDE Menu.

2. Remove Lexmark applications from the KDE Menu.

3. Exit.

Enter your choice : [3] 1

Adding KDE MENU [ Lexmark Printer Utilities ] was successful.

You may need to restart KDE for changes to take effect.

Lexmark GNOME Menu Utility

1. Install Lexmark applications into the GNOME Menu.

2. Remove Lexmark applications from the GNOME Menu.

3. Exit.

Enter your choice : [3] 1

GNOME's Menu [ System Tools ] has been updated.

You may need to restart GNOME for changes to take effect.
```

Figura 6

Na ultima tela apenas confirme pressionando ENTER.



Figura 7

Script finalizado!! Agora vamos a configuração da impressora.

## Configurando a Impressora no Red Hat 7.1

Clique no Menu K na área de trabalho em seguida em Lexmark Print Utilities



Figura 8

A próxima tela aparecerá:



Clique em adicionar nova impressora

1.60	ø	en	5		
15	ie.			1	
163		1		1	
1			٠		
	6	-			•

Printer Select a devic to create a ne	Queue Wizard Device te from the table b tw device.	elow or click tl	he "Add Device" button
Available De Name	vice(s): Description	Type	Connection

Figura 10

Agora em "Add Device":

-M Choose Device Type			×
Network Attached Pri	inter		
Use this option for print network. You will need t of the print server attach	ers that are conn to know the IP ac ned to this printe	ected to a T( Idress or hos r.	CP/IP stname
🔿 Locally Attached Prim	ter		
Use this option for print to the server. You will no that is associated with y any relevant options for	ers that are phys eed to know the our printer . You the connection.	ically connec device filena can also con	ted me figure
🔘 Parallel			
🔘 Serial			
⊖ USB			
LEXMARK	< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel
			1

Figura 11

Clique em "Next" e a tela seguinte será apresentada da seguinte forma:

<=¤ Add Network Device		Į
Device Name		
Description	Virtual Device	
IP Address/Hostname		Search
SNMP Community Name	public	
Administrator User II	D root	Browse
Printer Intervention I	Information	
User : Administrator	● Mail  ○ Write  ○ No : ● Mail  ○ Write  ○ No	ine
LEXMARK	< <u>B</u> ack <u>N</u> ext >	> <u>C</u> ancel

Figura 12

Device Name	impcluster		
Description	Virtual Device	]	
P Address/Hostname	200.137.66.76	Search	
NMP Community Name	public		
Options			
Administrator User IE	D root		
Logfile Name /tmp/	logfile	B <u>r</u> owse	
Logfile Name /tmp/ Printer Intervention I	logfile	B <u>r</u> owse	
Logfile Name /tmp/ Printer Intervention I User :	Iogfile	B <u>r</u> owse	
Logfile Name /tmp/ Printer Intervention I User : Administrator	Iogfile nformation Mail OWrite ONG : Mail OWrite ONG	B <u>r</u> owse one one	
Logfile Name /tmp/ Printer Intervention I User : Administrator	logfile nformation Mail O Write O No : Mail O Write O No	B <u>r</u> owse	

Figura 13

Configure os campos como mostra a figura 13:

Device Name: impcluster Description: Virtual Device IP Address / Hostname: 200.137.66.76

Os demais campos deixem como estão e tecle "Next".

Na tela seguinte clique em "Start" e uma busca ira procurar pela impressora com o IP cadastrado na rede.

Search By	
Subnat     SNMD Community Name	
Subject Siver Community Name	
200.137.66.0 public	
Ex. xxx.xxx.0	
Start Start	
End Stop	
Ex. xxx.xxx.0.0	
xxxxxx1.255	
Printers found : 0	
Hostname IP Address Printer Name Print Server Port	
	ŝ.
LEXMARK <u>OK</u> <u>Cancel</u>	

Figura 14

X-¤ Search Network	< Printer			×
Search By				
() Subnet		SNI	MP Community Name	
	200.137.66.0	pu	blic	
	Ex. x00xx00xx00x0			
🔘 Range				
Start			Start.	
End			Stop	
	Ex. xxxxxxx.0.0			
	xxxxxx.1.255			
Printers found ' -				
Hostname	IP Address	Printer Name	Print Server Pr	urt [
200.137.66.76	200.137.66.76	Lexmark T520	Lexmark T520 E 1	
IEYMADK	~		ОК Са	ncel
LEAN	nu			

Figura 15

Observe que no campo "Printers found" aparece a nossa impressora.

X-₩ Search Network	: Printer				×
Search By				7	
Subnet			SNMP Commu	nity Name	
	200.137.66.0		public		
	Ex. xxxxxxxxx00				
🔾 Range					
Start			<u>S</u> tart		
End			Stop		
	Ex. xxxxxxx0.0				
	xxxxxx.1.255				
				<u>1</u> }	
Printers found : 1					10
Hostname	IP Address	Printer Nam	ne 🕴 Print S	erver Port	
200.137.66.76	200.137.66.76	Lexmark T520	) Lexmark	Г520 Е 1	
					16
LEXMARK	5		0	K <u>C</u> ancel	

Figura 16

Clique em "OK" e em seguida em "Finish".



Figura 17

X-M Add Printer Queue Wiza	ard 🗶
Printer Queue Nam Printer name and must co 0-9, dash (-)	e impcluster s may be no longer than 14 characters nsist entirely of the characters A-Z, a-z, and underscore ().
Printer Type	Lexmark T520 💌
Different p important t the best po	rinters support different features, it is to select the correct printer type to get assible results.
Description	Lexmark Print Drivers
This is a fro describe an be used on	ee form STRING which can be used to y information about the printer. It will the job banner page also.
Associated Device	: impcluster
Lexmark	< <u>Back Next &gt; Cancel</u>

Figura 18

A tela da Figura 18 mostra algumas informações da configuração, clique em "Next".

X-M AC	dd Printer Queue Wizard Printer Language	×
	Printer Queue Name: impcluster Printer Type: Lexmark T520 Description: Lexmark Print Drivers Associated Device: impcluster	
P	Printer Language Automatic Printer Language Selection Enhanced PCL (R) Emulation PostScript (TM) Emulation Send raw data to printer	
	PCL Properties PS Properties	
	LEXMARK < <u>Back</u> <u>Next</u> > <u>Cancel</u>	

Figura 19

Clique em "PCL Properties" e a janela da figura 20 ira aparecer. Marque a opção "Disable Banner Page" e clique em "Ok". Faça o mesmo depois com a opção "PS Properties" (Figura 21).

	iciuster PCL Pro	perties	
ont	Page Layout	Print and Hold Banne	r
	Setup	Paper	Quality
	)isable Banner I	age	
B	anner Program		
	🗹 Default B	anner	
	Banner File		Browse
07	r		
Pape			
Pape Pa	aper Size	Paper Source	Paper Type

Figura 20

<b>X-™</b> impo	luster PS:	Properties				×
Setup	Paper	Quality	Print and Hold	Banne	r	
🗹 Di	sable Bai	nner Page				
	Banner F	Program —				
		🗹 Defai	ult Banner			
-	Banni	er File			Browse	
Paper						
Pap	oer Size	-1	Paper Source		Paper Type	
Par	er Size P ompt For	olicy Paper Typ	e On Operator P	anel	*	ung •
					<u>о</u> к	<u>C</u> ancel

Figura 21

Configuração Finalizada e Impressora Instalada.

