

##### ## #####

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#####: 43126

2013#11#07 ## #####

# # # # #

##### ## #####

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|-----------------------|---|
| 1. ##### (####) ..... | 1 |
| 2. ##### .....        | 2 |
| 3. ##### .....        | 2 |
| 4. ##### .....        | 3 |
| 5. ##### .....        | 4 |
| 6. ##### .....        | 5 |
| 7. ##### .....        | 7 |
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1. ## ##### ## ## ##### ## ## ##### ## ## ##### ## ## ##### ## ## #####  
(####)

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#### ##### # ##### ##### ##### ##### #### ##### #####@##### #### #####

##### ##### ##### ##### ##### #####

### ##### ###### #### ## http://www.cups.org/.

2. ##### ###### ####### ###### ####### ###### #######

```
# cd -/usr/ports/print/cups && make install clean
```

```
# pkg add --r cups
```

3 ##### ###### #### # ## ###### ###### ###### ######

```
[system=10]
add path -unlpt* mode 0660 group cups
add path -ulpt* mode 0660 group cups
add path -lpt* mode 0660 group cups
add path -usbx/X,Y,Z mode 0660 group cups
```



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##### #### ##### ####

#####(8), ##### ugenX.Y ##### #### ##### ###### #####, ##### #### ##### ###### ##### ###### ##### #### # /dev/usb.

####, ### ### ##### ## /etc/rc.conf ## #####:#

```
cupsd_enable="YES"  
devfs_system_ruleset="system"
```

##### ##### ##### ##### ##### ##### ##### ##### ##### ##### ##### ##### ##### ##### #####  
##### ##### ##### ##### ##### , ##### ##### #####.

```
## ##### ## ##### ###### ##### ###### ##### ######@ #####@ #####,
## ##### ###### ##### ## ##### ###### ## /usr/local/etc/cups/mime.types ### /usr/local/etc/cups/
mime.convs:
```

application/octet-stream

```
# /etc/rc.d/devfs restart  
# /usr/local/etc/rc.d/cupsd restart
```

4. ##### ##### ## #### #### #### ####

##### ##### ##### ##### ##### ##### #####

5. ##### ##### ##### ##### ##### #####

5.1. #####® ########

`ipp://server-name-or-ip/printers/printername`

`http://server-name-or-ip:631/printers/printername`

ServerName *server-ip*

## ##### ####, server-ip ##### ## ##### #### ## ##### ## ##### ## ##### #### ## ##### #### ## ##### ####

5.2. #####® #####

##### #### ##### ####

##### #####. ######, ## #####® ########## ##### #### ##### #####® Add  
Printer #####, ##### Network Printer #### #### #### #### #### #### #### #### ####;

`http://server-name-or-ip:631/printers/printername`

6. ##### ##### ##### ##### #####

```
# Log general information in error_log -- change -"info" to -"debug" for
# troubleshooting...
LogLevel info

# Administrator user group...
SystemGroup wheel

# Listen for connections on Port 631.
Port 631
#Listen localhost:631
Listen /var/run/cups.sock

# Show shared printers on the local network.
Browsing On
BrowseOrder allow,deny
#BrowseAllow @LOCAL
BrowseAllow 192.168.1.* # change to local LAN settings
BrowseAddress 192.168.1.* # change to local LAN settings

# Default authentication type, when authentication is required...
DefaultAuthType Basic
DefaultEncryption Never # comment this line to allow encryption

# Allow access to the server from any machine on the LAN
```

```
<Location -/>
Order allow,deny
#Allow localhost
Allow 192.168.1.* # change to local LAN settings
</Location>

# Allow access to the admin pages from any machine on the LAN
<Location -/admin>
#Encryption Required
Order allow,deny
#Allow localhost
Allow 192.168.1.* # change to local LAN settings
</Location>

# Allow access to configuration files from any machine on the LAN
<Location -/admin/conf>
AuthType Basic
Require user @SYSTEM
Order allow,deny
#Allow localhost
Allow 192.168.1.* # change to local LAN settings
</Location>

# Set the default printer/job policies...
<Policy default>
# Job-related operations must be done by the owner or an administrator...
<Limit Send-Document Send-URI Hold-Job Release-Job Restart-Job Purge-Jobs \
Set-Job-Attributes Create-Job-Subscription Renew-Subscription Cancel-Subscription \
Get-Notifications Reprocess-Job Cancel-Current-Job Suspend-Current-Job Resume-Job \
CUPS-Move-Job>
Require user @OWNER @SYSTEM
Order deny,allow
</Limit>

# All administration operations require an administrator to authenticate...
<Limit Pause-Printer Resume-Printer Set-Printer-Attributes Enable-Printer \
Disable-Printer Pause-Printer-After-Current-Job Hold-New-Jobs Release-Held-New-Jobs \
Deactivate-Printer Activate-Printer Restart-Printer Shutdown-Printer Startup-Printer \
Promote-Job Schedule-Job-After CUPS-Add-Printer CUPS-Delete-Printer CUPS-Add-Class \
CUPS-Delete-Class CUPS-Accept-Jobs CUPS-Reject-Jobs CUPS-Set-Default>
AuthType Basic
Require user @SYSTEM
Order deny,allow
</Limit>

# Only the owner or an administrator can cancel or authenticate a job...
<Limit Cancel-Job CUPS-Authenticate-Job>
Require user @OWNER @SYSTEM
Order deny,allow
</Limit>

<Limit All>
Order deny,allow
```

##### #### ##### ####

</Limit>  
</Policy>

7. ##### ##### ##### ##### ##### ##### ##### ##### #####

```
WITH_CUPS=YES  
CUPS_OVERWRITE_BASE=YES  
WITHOUT_LPR=YES
```

```
### ##### ####, WITH_CUPS, #### #### ##### ## ###### ###### ###### #####. #### ##--  
#### ####, CUPS_OVERWRITE_BASE, #### #### ##### ###### ###### ###### ###### ###### ######  
##### ###### ###### ## #### ##### ###### ###### ###### ###### ###### ###### ######  
##### ###### ###### ###### ###### ###### ###### buildworld ##### #####. #### ##--  
####, WITHOUT_LPR, #### ##### ## ###### ###### ###### ###### ###### ###### ###### ####--  
##### ####.
```

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#  
####, 1

#  
#####, 1

