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Rocky Enterprise Linux 9.2 Manual Pages on command 'cups-files.conf.5'

\$ man cups-files.conf.5

cups-files.conf(5) OpenPrinting cups-files.conf(5)

NAME

cups-files.conf - file and directory configuration file for cups

DESCRIPTION

The cups-files.conf file configures the files and directories used by the CUPS scheduler, cupsd(8). It is normally located in the /etc/cups directory.

Each line in the file can be a configuration directive, a blank line, or a comment. Configuration directives typically consist of a name and zero or more values separated by whitespace. The configuration directive name and values are case-insensitive. Comment lines start with the # character.

DIRECTIVES

The following directives are understood by cupsd(8):

AccessLog

AccessLog filename

AccessLog stderr

AccessLog syslog

Defines the access log filename. Specifying a blank filename disables access log generation. The value "stderr" causes log entries to be sent to the standard error file when the scheduler is running in the foreground, or to the system log daemon when run in the background. The value "syslog" causes log entries to be sent to the system log daemon. The server name may be included in filenames using the string "%s", for example:

AccessLog /var/log/cups/%s-access_log

The default is `"/var/log/cups/access_log"`.

CacheDir directory

Specifies the directory to use for long-lived temporary (cache) files. The default is `"/var/spool/cups/cache"` or `"/var/cache/cups"` depending on the platform.

ConfigFilePerm mode

Specifies the permissions for all configuration files that the scheduler writes. The default is `"0644"` on macOS and `"0640"` on all other operating systems.

Note: The permissions for the `printers.conf` file are currently masked to only allow access from the scheduler user (typically root). This is done because printer device URIs sometimes contain sensitive authentication information that should not be generally known on the system. There is no way to disable this security feature.

CreateSelfSignedCerts yes

CreateSelfSignedCerts no

Specifies whether the scheduler automatically creates self-signed certificates for client connections using TLS. The default is yes.

DataDir path

Specifies the directory where data files can be found. The default is usually `"/usr/share/cups"`.

DocumentRoot directory

Specifies the root directory for the CUPS web interface content. The default is usually `"/usr/share/doc/cups"`.

ErrorLog

ErrorLog filename

ErrorLog stderr

ErrorLog syslog

Defines the error log filename. Specifying a blank filename disables error log generation. The value `"stderr"` causes log entries to be sent to the standard error file when the scheduler is running in the foreground, or to the system log daemon when run in the background. The value `"syslog"` causes log entries to be sent to the system log daemon. The server name may be included in filenames using the string `"%s"`, for example:

`ErrorLog /var/log/cups/%s-error_log`

The default is `"/var/log/cups/error_log"`.

FatalErrors none

FatalErrors all -kind [... -kind]

FatalErrors kind [... kind]

Specifies which errors are fatal, causing the scheduler to exit. The default is

"config". The kind strings are:

none No errors are fatal.

all All of the errors below are fatal.

browse

Browsing initialization errors are fatal, for example failed connections to the
DNS-SD daemon.

config

Configuration file syntax errors are fatal.

listen

Listen or Port errors are fatal, except for IPv6 failures on the loopback or
"any" addresses.

log Log file creation or write errors are fatal.

permissions

Bad startup file permissions are fatal, for example shared TLS certificate and
key files with world-read permissions.

Group group-name-or-number

Specifies the group name or ID that will be used when executing external programs.

The default group is operating system specific but is usually "lp" or "nobody".

LogFileGroup group-name-or-number

Specifies the group name or ID that will be used for log files. The default group is
operating system specific but is usually "lp" or "nobody".

LogFilePerm mode

Specifies the permissions of all log files that the scheduler writes. The default is
"0644".

PageLog [filename]

PageLog stderr

PageLog syslog

Defines the page log filename. The value "stderr" causes log entries to be sent to
the standard error file when the scheduler is running in the foreground, or to the

system log daemon when run in the background. The value "syslog" causes log entries to be sent to the system log daemon. Specifying a blank filename disables page log generation. The server name may be included in filenames using the string "%s", for example:

PageLog /var/log/cups/%s-page_log

The default is "/var/log/cups/page_log".

PassEnv variable [... variable]

Passes the specified environment variable(s) to child processes. Note: the standard CUPS filter and backend environment variables cannot be overridden using this directive.

RemoteRoot username

Specifies the username that is associated with unauthenticated accesses by clients claiming to be the root user. The default is "remroot".

RequestRoot directory

Specifies the directory that contains print jobs and other HTTP request data. The default is "/var/spool/cups".

Sandboxing relaxed

Sandboxing strict

Specifies the level of security sandboxing that is applied to print filters, backends, and other child processes of the scheduler. The default is "strict". This directive is currently only used/supported on macOS.

ServerBin directory

Specifies the directory containing the backends, CGI programs, filters, helper programs, notifiers, and port monitors. The default is "/usr/lib/cups" or "/usr/libexec/cups" depending on the platform.

ServerKeychain path

Specifies the location of TLS certificates and private keys. The default is "/Library/Keychains/System.keychain" on macOS and "/etc/cups/ssl" on all other operating systems. macOS uses its keychain database to store certificates and keys while other platforms use separate files in the specified directory, *.crt for PEM-encoded certificates and *.key for PEM-encoded private keys.

ServerRoot directory

Specifies the directory containing the server configuration files. The default is

"/etc/cups".

SetEnv variable value

Set the specified environment variable to be passed to child processes. Note: the standard CUPS filter and backend environment variables cannot be overridden using this directive.

StateDir directory

Specifies the directory to use for PID and local certificate files. The default is "/var/run/cups" or "/etc/cups" depending on the platform.

SyncOnClose Yes

SyncOnClose No

Specifies whether the scheduler calls fsync(2) after writing configuration or state files.

SystemGroup group-name [... group-name]

Specifies the group(s) to use for @SYSTEM group authentication. The default contains "admin", "lpadmin", "root", "sys", and/or "system".

TempDir directory

Specifies the directory where short-term temporary files are stored. The default is "/var/spool/cups/tmp".

User username

Specifies the user name or ID that is used when running external programs. The default is "lp".

DEPRECATED DIRECTIVES

The following directives are deprecated and will be removed from a future version of CUPS:

FileDevice Yes

FileDevice No

Specifies whether the file pseudo-device can be used for new printer queues. The URI "file:///dev/null" is always allowed. File devices cannot be used with "raw" print queues - a PPD file is required. The specified file is overwritten for every print job. Writing to directories is not supported.

Printcap filename

Specifies a file that is filled with a list of local print queues.

PrintcapFormat bsd

PrintcapFormat plist

PrintcapFormat solaris

Specifies the format to use for the Printcap file. "bsd" is the historical LPD printcap file format. "plist" is the Apple plist file format. "solaris" is the historical Solaris LPD printcap file format.

NOTES

The scheduler **MUST** be restarted manually after making changes to the cups-files.conf file. On Linux this is typically done using the `systemctl(8)` command, while on macOS the `launchctl(8)` command is used instead.

SEE ALSO

`classes.conf(5)`, `cups(1)`, `cupsd(8)`, `cupsd.conf(5)`, `mime.convs(5)`, `mime.types(5)`, `printers.conf(5)`, `subscriptions.conf(5)`, CUPS Online Help (<http://localhost:631/help>)

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CUPS

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