Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sftp-server.8' command

$ man sftp-server.8

SFTP-SERVER(8)   BSD System Manager's Manual   SFTP-SERVER(8)

NAME

   sftp-server ? OpenSSH SFTP server subsystem

SYNOPSIS

   sftp-server [-ehR] [-d start_directory] [-f log_facility] [-l log_level]

          [-P denied_requests] [-p allowed_requests] [-u umask]

          [-m force_file_perms]

   sftp-server -Q protocol_feature

DESCRIPTION

   sftp-server is a program that speaks the server side of SFTP protocol to

   stdout and expects client requests from stdin. sftp-server is not in?

   tended to be called directly, but from sshd(8) using the Subsystem op?

   tion.

   Command-line flags to sftp-server should be specified in the Subsystem

   declaration. See sshd_config(5) for more information.

   Valid options are:

   -d start_directory

       Specifies an alternate starting directory for users. The path?

       name may contain the following tokens that are expanded at run?

       time: %% is replaced by a literal '%', %d is replaced by the home

       directory of the user being authenticated, and %u is replaced by

       the username of that user. The default is to use the user's home

       directory. This option is useful in conjunction with the

sshd_config(5) ChrootDirectory option.

-e   Causes sftp-server to print logging information to stderr instead

       of syslog for debugging.

-f log_facility

       Specifies the facility code that is used when logging messages

       from sftp-server. The possible values are: DAEMON, USER, AUTH,

       LOCAL0, LOCAL1, LOCAL2, LOCAL3, LOCAL4, LOCAL5, LOCAL6, LOCAL7.

       The default is AUTH.

-h   Displays sftp-server usage information.

-l log_level

       Specifies which messages will be logged by sftp-server. The pos?

       sible values are: QUIET, FATAL, ERROR, INFO, VERBOSE, DEBUG, DE?

       BUG1, DEBUG2, and DEBUG3. INFO and VERBOSE log transactions that

       sftp-server performs on behalf of the client. DEBUG and DEBUG1

       are equivalent. DEBUG2 and DEBUG3 each specify higher levels of

       debugging output. The default is ERROR.

-P denied_requests

       Specifies a comma-separated list of SFTP protocol requests that

       are banned by the server. sftp-server will reply to any denied

       request with a failure. The -Q flag can be used to determine the

       supported request types. If both denied and allowed lists are

       specified, then the denied list is applied before the allowed

       list.

-p allowed_requests

       Specifies a comma-separated list of SFTP protocol requests that

       are permitted by the server. All request types that are not on

       the allowed list will be logged and replied to with a failure

       message.

       Care must be taken when using this feature to ensure that re?

       quests made implicitly by SFTP clients are permitted.

-Q protocol_feature

       Queries protocol features supported by sftp-server. At present

       the only feature that may be queried is ?requests?, which may be

used to deny or allow specific requests (flags -P and -p respec‐

tively).

-R   Places this instance of sftp-server into a read-only mode. At‐

tempts to open files for writing, as well as other operations

that change the state of the filesystem, will be denied.

-u umask

Sets an explicit umask(2) to be applied to newly-created files

and directories, instead of the user's default mask.

-m force_file_perms

Sets explicit file permissions to be applied to newly-created

files instead of the default or client requested mode. Numeric

values include: 777, 755, 750, 666, 644, 640, etc. Using both -m

and -u switches makes the umask (-u) effective only for newly

created directories and explicit mode (-m) for newly created

files.

On some systems, sftp-server must be able to access /dev/log for logging

to work, and use of sftp-server in a chroot configuration therefore re‐

quires that syslogd(8) establish a logging socket inside the chroot di‐

rectory.

SEE ALSO

sftp(1), ssh(1), sshd_config(5), sshd(8)

T. Ylonen and S. Lehtinen, SSH File Transfer Protocol, draft-ietf-secsh-

filexfer-02.txt, October 2001, work in progress material.

HISTORY

sftp-server first appeared in OpenBSD 2.8.

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