

## openssh 3.5p1: PATCH

**Source:** <http://www.derkeiler.com/Newsgroups/comp.security.ssh/2003-02/0134.html>

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**Date:** 02/11/03

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Guys,

The patch below provides the following functionality for openssh:

- sftp transaction logging
- control over whether the client can execute chmod, chown and chgrp commands
- control over the umask that is applied to uploaded files

These functions are achieved with the following directives in sshd\_config:

SftpLog, SftpLogLevel, SftpLogFacility, SftpUmask, SftpPermitChmod, SftpPermitChown

I made this patch because I a run a secure ftp server at work (Dept. of Agriculture in D.C.) and needed the extra functionality. Please note that this patch is entirely my own effort, it's not endorsed by the openssh developer group or by my employer or by the U.S. Government.

Also note that this patch is a "diff -u" which means you'll need GNU "patch."

Let me know if works for you.

```
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Only in openssh-3.5p1-sftp_mods/: Makefile  
Common subdirectories: openssh-3.5p1/autom4te-2.53.cache and  
openssh-3.5p1-sftp_mods/autom4te-2.53.cache  
Common subdirectories: openssh-3.5p1/contrib and  
openssh-3.5p1-sftp_mods/contrib  
Common subdirectories: openssh-3.5p1/openbsd-compat and  
openssh-3.5p1-sftp_mods/openbsd-compat  
Common subdirectories: openssh-3.5p1/regress and  
openssh-3.5p1-sftp_mods/regress  
Common subdirectories: openssh-3.5p1/scard and openssh-3.5p1-sftp_mods/scard  
diff -u openssh-3.5p1/servconf.c openssh-3.5p1-sftp_mods/servconf.c  
--- openssh-3.5p1/servconf.c Thu Sep 5 00:35:15 2002
```

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```
+++ openssh-3.5p1-sftp_mods/servconf.c Wed Jan 29 09:43:35 2003
@@ -124,6 +124,15 @@
options->authorized_keys_file = NULL;
options->authorized_keys_file2 = NULL;

+ options->log_sftp = LOG_SFTP_NOT_SET;
+ options->sftp_log_facility = SYSLOG_FACILITY_NOT_SET;
+ options->sftp_log_level = SYSLOG_LEVEL_NOT_SET;
+
+ memset(options->sftp_umask, 0, SFTP_UMASK_LENGTH);
+
+ options->sftp_permit_chmod = SFTP_PERMIT_NOT_SET;
+ options->sftp_permit_chown = SFTP_PERMIT_NOT_SET;
+
/* Needs to be accessible in many places */
use_privsep = -1;
}
@@ -131,7 +140,7 @@
void
fill_default_server_options(ServerOptions *options)
{
- /* Portable-specific options */
+ /* Portable-specific options */
if (options->pam_authentication_via_kbd_int == -1)
```