



Product	StorNext® File System, all versions
Summary	cvcp does not verify the number of command line arguments, which can cause it to overwrite files if not used correctly.
Date	August 2013

Overview

The /usr/cvfs/bin/cvcp command expects only 2 arguments as shown in this example:

cvcp <source_file> <target_file>

where <source_file> is the single source file for the command and <target_file>is the single target file. It does not verify if too many arguments are used. This can cause the command to copy a source file over another source file instead of the expected destination.

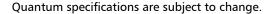
For more information, contact the Quantum Technical Assistance Center and reference CR 42323.

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Symptoms

If the cvcp command is used with more than 2 arguments, it does not return an error, but, instead, copies a source file to the destination defined by the second argument, which in most cases would be another source file.

Example1

cvcp file1 file2 file3 dir1/

In this example, the expected behavior might be that the command would copy file1, file2, file3 into dir1/. However, the actual result is that the command would copy file1 over file2, and nothing would be copied into dir1/.

Example 2

Wild cards behave in a similar manner if there is more than one file in the source directory, such as:

cvcp file* dir1/

In this example, if the current directory contains file1, file2, file3 and dir1/, the expected behavior might be that the command copies all files beginning with the prefix of file in their filenames from the current directory to dir1/. However, the actual result is that the command simply copies the file named file1 over file2. Nothing would be copied to dir1/.

Workaround

The only workaround is to use the command as documented. See the **cvcp man page** from the command line of the system. Customers should be very careful to enter commands correctly from the command line.

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