Product Alert 43 Rev A

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.

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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