

# [NEWS] CwpApi's GetRelativePath() Returns Invalid Paths

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*Date:* 01/29/02

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CwpApi's GetRelativePath() Returns Invalid Paths

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## SUMMARY

The <<http://sourceforge.net/projects/cwpapi/>> Comprehensive Web Programming API is an interface for programmers who wish to write a secure web program. An updated CwpApi release is available which fixes a minor security bug in GetRelativePath() that allows a file outside the HTTP ServerRoot to be read.

## DETAILS

Vulnerable systems:

CwpApi version 1.1.0 and prior

Immune systems:

CwpApi version 1.1.1

Versions of CwpApi before 1.1.1 can return a path via GetRelativePath() that is outside the HTTP server root. This happens because the code checked only to see if the server root was included in the path, not whether the actual directory fell under the server root. For example: the path /etc/var/www/myfile.file would be considered valid if the server root directory is /var/www.

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How the update works:

If the directory is not below the server root, the directory is forced beneath the server root. For example, /etc/var/www/myfile.file will become /var/www/etc/var/www/myfile.file.

Solution:

Upgrade to the latest version:

[http://sourceforge.net/project/showfiles.php?group\\_id=39378](http://sourceforge.net/project/showfiles.php?group_id=39378)

[http://sourceforge.net/project/showfiles.php?group\\_id=39378](http://sourceforge.net/project/showfiles.php?group_id=39378)

### ADDITIONAL INFORMATION

The information has been provided by <<mailto:support@acdinc.net>> ACD Incorporated Support.

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