



CVE-2021-28792

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Swift Development Environment](#) from [Swift Development Environment Project](#) contain the following vulnerability:

The unofficial Swift Development Environment extension before 2.12.1 for Visual Studio Code allows remote attackers to execute arbitrary code by constructing a malicious workspace with a crafted sourcekit-lsp.serverPath, swift.languageServerPath, swift.path.sourcekitten, swift.path.sourcekitten.dockerMode, swift.path.swift_driver_bin, or swift.path.shell configuration value that triggers execution upon opening the workspace.

CVE-2021-28792 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Release Banned some configs from workspace settings · vknabel/vscode-swift-development-environment · GitHub	github.com text/html	MISC github.com/vknabel/vscode-swift-development-environment/releases/tag/2.12.1

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Swift Development Environment Project	Swift Development Environment	All	All	All	All
Application	Swift Development Environment Project	Swift Development Environment	All	All	All	All
cpe:2.3:a:swift_development_environment_project:swift_development_environment:*:*:*:*:visual_studio:*:*:						
cpe:2.3:a:swift_development_environment_project:swift_development_environment:*:*:*:*:visual_studio_code:*:*:						

No vendor comments have been submitted for this CVE

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