



CVE-2017-1000212

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

Certain versions of [Alchemist-server](#) from [Alchemist-elixir](#) contain the following vulnerability:

Elixir's vim plugin, `alchemist.vim` is vulnerable to remote code execution in the bundled `alchemist-server`. A malicious website can execute requests against an ephemeral port on localhost that are then evaluated as elixir code.

CVE-2017-1000212 has been assigned by [M](#) `cve@mitre.org` to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Server executes arbitrary code from remote machines · Issue #14 · tonini/alchemist-server · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/tonini/alchemist-server/issues/14

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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	Alchemist-elixir	Alchemist-server	-	All	All	All
Application	Alchemist-elixir	Alchemist-server	-	All	All	All
cpe:2.3:a:alchemist-elixir:alchemist-server:-:*:*:*:*:vim:*:*:						
cpe:2.3:a:alchemist-elixir:alchemist-server:-:*:*:*:*:vim:*:*:						

No vendor comments have been submitted for this CVE

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