CVE-2015-7541

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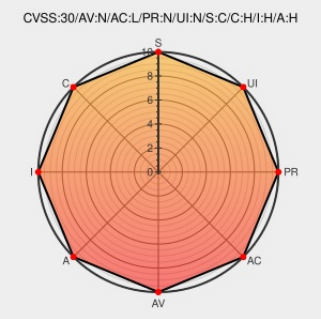
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Colorscore from Colorscore Project contain the following vulnerability:

The initialize method in the Histogram class in lib/colorscore/histogram.rb in the colorscore gem before 0.0.5 for Ruby allows context-dependent attackers to execute arbitrary code via shell metacharacters in the (1) image_path, (2) colors, or (3) depth variable.

CVE-2015-7541 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 10 - CRITICAL

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

CVSS2 Score: 10 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
oss-security - Remote Command Injection in Ruby Gem colorscore <=0.0.4	www.openwall.com text/html	MLIST [oss-security] 20160104 Remote Command Injection in Ruby Gem col <=0.0.4
CVE-2015-7541: colorscore	web.archive.org	MISC rubysec.com/advisories/CVE-2015-7541/

Gem for Ruby lib/colorscore/histogram.rb Arbitrary Command Injection - RubySec	text/html Inactive Link Not Archived	
Fix CVE-2015-7541 · quadule/colorscore@570b5e8 · GitHub	Patch github.com text/html	CONFIRM github.com/quadule/colorscore/commit/570b5e854cecddd44d2047c44126aed95

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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	Colorscore Project	Colorscore	All	All	All	All

cpe:2.3:a:colorscore_project:colorscore:*:*:*:*:*:ruby:*:*:

No vendor comments have been submitted for this CVE

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