CVE-2015-7519

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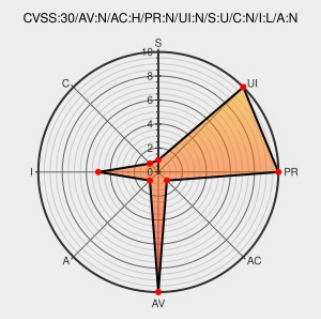
CVE-2015-7519

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



Certain versions of Phusion Passenger from Phusionpassenger contain the following vulnerability:

agent/Core/Controller/SendRequest.cpp in Phusion Passenger before 4.0.60 and 5.0.x before 5.0.22, when used in Apache integration mode or in standalone mode without a filtering proxy, allows remote attackers to spoof headers passed to applications by using an _ (underscore) character instead of a - (dash) character in an HTTP header, as demonstrated by an X_User header.

CVE-2015-7519 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as LOW severity.

CVSS3 Score: 3.7 - LOW

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

CVSS2 Score: 4.3 - MEDIUM

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

CVE References

Description	Tags	Link
oss-security - CVE-2015-7519: Phusion Passenger	www.openwall.com text/html	MLIST [oss-security] 20151207 CVE-2015-7519: Phusion Passenger Header overwriting issue

Header overwriting issue		
CVE-2015-7519 - Header Overwriting Passenger Vulnerability | Puppet	puppet.com text/html	CONFIRM puppet.com/security/cve/passenger-dec-2015-security-fixes
[security-announce] SUSE-SU-2015:2337-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2015:2337
oss-security - injecting environment variables into Phusion Passenger (CVE-2015-7519)	www.openwall.com text/html	MLIST [oss-security] 20151207 injecting environment variables into Phusion Passenger (CVE-2015-7519)
[SECURITY] [DLA 1399-1] ruby-passenger security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20180627 [SECURITY] [DLA 1399-1] ruby-passenger security update
Fix CVE-2015-7519 header collision vulnerability · phusion/passenger@ddb8ecc · GitHub	github.com text/html	CONFIRM github.com/phusion/passenger/commit/ddb8ecc4ebf260e4967f57f271d4f5761abeac3e
Security advisory: CVE-2015-7519 header overwriting (medium severity)	Vendor Advisory blog.phusion.nl text/html	CONFIRM blog.phusion.nl/2015/12/07/cve-2015-7519/
Bug 956281 – VUL-0: CVE-2015-7519: rubygem-passenger: Passenger is not filtering environment like apache is doing	bugzilla.suse.com text/html	CONFIRM bugzilla.suse.com/show_bug.cgi?id=956281

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Phusionpassenger	Phusion Passenger	5.0.0	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	beta1	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	beta2	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	beta3	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	rc1	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	rc2	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.1	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.10	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.11	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.12	All	All	All

Application	Phusionpassenger	Phusion Passenger	5.0.13	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.14	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.15	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.16	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.17	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.18	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.19	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.2	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.20	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.21	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.3	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.4	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.5	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.6	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.7	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.8	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.9	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	beta1	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	beta2	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	beta3	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	rc1	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.0	rc2	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.1	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.10	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.11	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.12	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.13	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.14	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.15	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.16	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.17	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.18	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.19	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.2	All	All	All

Application	Phusionpassenger	Phusion Passenger	5.0.20	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.21	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.3	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.4	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.5	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.6	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.7	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.8	All	All	All
Application	Phusionpassenger	Phusion Passenger	5.0.9	All	All	All
Application	Phusionpassenger	Phusion Passenger	All	All	All	All

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:beta1:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:beta2:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:beta3:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:rc2:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.10:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.11:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.12:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.13:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.14:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.15:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.16:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.17:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.18:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.19:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.20:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.21:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.3:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.4:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.5:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.6:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.7:*:*:*:*:*:*:*:

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cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.9:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:beta1:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:beta2:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:beta3:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.0:rc2:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.1:*:*:*:*:*:*:*:

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cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.18:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.19:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.20:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.21:*:*:*:*:*:*:*:

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cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.8:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:5.0.9:*:*:*:*:*:*:*:

cpe:2.3:a:phusionpassenger:phusion_passenger:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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