CVE-2016-3699

Published on: 10/07/2016 12:00:00 AM UTC

Last Modified on: 02/13/2023 04:50:00 AM UTC

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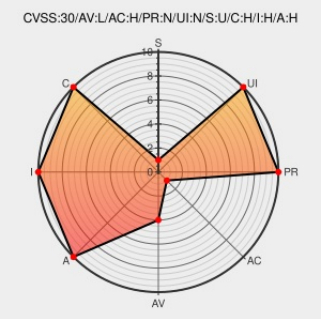
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

The Linux kernel, as used in Red Hat Enterprise Linux 7.2 and Red Hat Enterprise MRG 2 and when booted with UEFI Secure Boot enabled, allows local users to bypass intended Secure Boot restrictions and execute untrusted code by appending ACPI tables to the initrd.

CVE-2016-3699 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.4 - HIGH

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

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:2574
acpi: Disable ACPI table override if securelevel is set	Exploit github.com	MISC github.com/mjg59/linux/commit/a4a5ed2835e8ea042868b7401dced3f517cafa76

· mjg59/linux@a4a5ed2 · GitHub	text/html	
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:2574
Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/errata/RHSA-2016:2584
Red Hat Enterprise Linux CVE-2016-3699 Local Security Bypass Vulnerability	Broken Link cve.report (archive) text/html	BID 93114
Bug 1329653 – CVE-2016-3699 kernel: ACPI table override allowed when securelevel is enabled	Issue Tracking Patch Third Party Advisory VDB Entry bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=1329653
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:2584
CVE-2016-3699 - Red Hat Customer Portal	access.redhat.com text/html	MISC access.redhat.com/security/cve/CVE-2016-3699
oss-security - kernel: ACPI table override is allowed when securelevel is enabled	Third Party Advisory www.openwall.com text/html	MLIST [oss-security] 20160922 kernel: ACPI table override is allowed when securelevel is enabled

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All
Operating System	Redhat	Enterprise Mrg	2.0	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All
Operating System	Redhat	Linux	7.2	All	All	All
Operating System	Redhat	Linux	7.2	All	All	All

cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:enterprise_mrg:2.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_mrg:2.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:enterprise_mrg:2.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:linux:7.2:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:linux:7.2:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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