CVE-2015-8553

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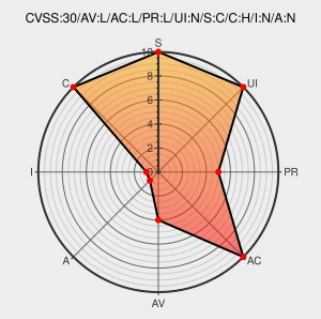

Certain versions of Enterprise Linux from Redhat contain the following vulnerability:

Xen allows guest OS users to obtain sensitive information from uninitialized locations in host OS kernel memory by not enabling memory and I/O decoding control bits. NOTE: this vulnerability exists because of an incomplete fix for CVE-2015-0777.

CVE-2015-8553 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 2.1 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
XSA-120 - Xen Security Advisories	Patch, Vendor Advisory, xenbits.xen.org, text/html	CONFIRM xenbits.xen.org/xsa/advisory-120.html

Debian -- Security Information -- DSA-4497-1 linux	www.debian.org Depreciated Link text/html	DEBIAN DSA-4497
Bugtraq: [SECURITY] [DSA 4497-1] linux security update	seclists.org text/html	BUGTRAQ 20190813 [SECURITY] [DSA 4497-1] linux security update

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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
Operating System	Redhat	Enterprise Linux	5	All	All	All
Operating System	Redhat	Enterprise Linux	5	All	All	All
Operating System	Xen	Xen	-	All	All	All
Operating System	Xen	Xen	-	All	All	All

cpe:2.3:o:redhat:enterprise_linux:5:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:5:*:*:*:*:*:*:*:

cpe:2.3:o:xen:xen:-:*:*:*:*:*:*:*:

cpe:2.3:o:xen:xen:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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