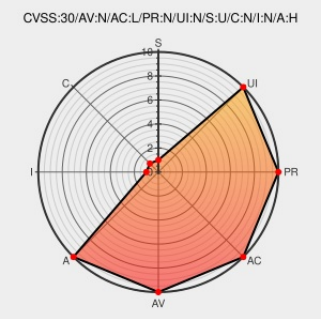
CVE-2015-8630

Published on: 02/12/2016 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:13 PM UTC

CVE-2015-8630

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



Certain versions of Kerberos 5 from Mit contain the following vulnerability:

The (1) kadm5_create_principal_3 and (2) kadm5_modify_principal functions in lib/kadm5/srv/svr_principal.c in kadmind in MIT Kerberos 5 (aka krb5) 1.12.x and 1.13.x before 1.13.4 and 1.14.x before 1.14.1 allow remote authenticated users to cause a denial of service (NULL pointer dereference and daemon crash) by specifying KADM5_POLICY with a NULL policy name.

CVE-2015-8630 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Debian -- Security Information -- DSA-3466-1 krb5	www.debian.org, Depreciated Link	DEBIAN DSA-3466

	text/html	
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:0532
Oracle Linux Bulletin - April 2016	www.oracle.com text/html	CONFIRM www.oracle.com/technetwork/topics/security/linuxbulletinapr2016-2952096.html
Kerberos kadmind Policy Processing Null Pointer Dereference Lets Remote Authenticated Users Deny Service - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034915
openSUSE-SU-2016:0406-1: moderate: Security update for krb5	lists.opensuse.org text/html	SUSE openSUSE-SU-2016:0406
openSUSE-SU-2016:0501-1: moderate: Security update for krb5	lists.opensuse.org text/html	SUSE openSUSE-SU-2016:0501
Check for null kadm5 policy name [CVE-2015-8630] · krb5/krb5@b863de7 · GitHub	Patch github.com text/html	CONFIRM github.com/krb5/krb5/commit/b863de7fbf080b15e347a736fdda0a82d42f4f6b
#8342: Check for null kadm5 policy name [CVE-2015-8630]	krbdev.mit.edu text/html	CONFIRM krbdev.mit.edu/rt/Ticket/Display.html?id=8342

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mit	Kerberos 5	1.12	All	All	All
Application	Mit	Kerberos 5	1.12.1	All	All	All
Application	Mit	Kerberos 5	1.12.2	All	All	All
Application	Mit	Kerberos 5	1.12.3	All	All	All
Application	Mit	Kerberos 5	1.12.4	All	All	All
Application	Mit	Kerberos 5	1.12.5	All	All	All
Application	Mit	Kerberos 5	1.13	All	All	All
Application	Mit	Kerberos 5	1.13.1	All	All	All
Application	Mit	Kerberos 5	1.13.2	All	All	All
Application	Mit	Kerberos 5	1.13.3	All	All	All
Application	Mit	Kerberos 5	1.14	All	All	All
Application	Mit	Kerberos 5	1.14	alpha1	All	All

Application	Mit	Kerberos 5	1.14	beta1	All	All
Application	Mit	Kerberos 5	1.14	beta2	All	All
Application	Mit	Kerberos 5	1.12	All	All	All
Application	Mit	Kerberos 5	1.12.1	All	All	All
Application	Mit	Kerberos 5	1.12.2	All	All	All
Application	Mit	Kerberos 5	1.12.3	All	All	All
Application	Mit	Kerberos 5	1.12.4	All	All	All
Application	Mit	Kerberos 5	1.12.5	All	All	All
Application	Mit	Kerberos 5	1.13	All	All	All
Application	Mit	Kerberos 5	1.13.1	All	All	All
Application	Mit	Kerberos 5	1.13.2	All	All	All
Application	Mit	Kerberos 5	1.13.3	All	All	All
Application	Mit	Kerberos 5	1.14	All	All	All
Application	Mit	Kerberos 5	1.14	alpha1	All	All
Application	Mit	Kerberos 5	1.14	beta1	All	All
Application	Mit	Kerberos 5	1.14	beta2	All	All

cpe:2.3:a:mit:kerberos_5:1.12:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.12.1:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.12.2:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.12.3:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.12.4:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.12.5:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.13:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.13.1:*:*:*:*:*:*:*:

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cpe:2.3:a:mit:kerberos_5:1.13.3:*:*:*:*:*:*:*:

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cpe:2.3:a:mit:kerberos_5:1.14:alpha1:*:*:*:*:*:*:*:

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cpe:2.3:a:mit:kerberos_5:1.12:*:*:*:*:*:*:*:

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cpe:2.3:a:mit:kerberos_5:1.13:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.13.1:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.13.2:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.13.3:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.14:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.14:alpha1:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.14:beta1:*:*:*:*:*:*:*:

cpe:2.3:a:mit:kerberos_5:1.14:beta2:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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