



CVE-2017-1665

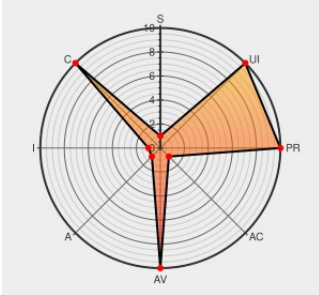
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CVE-2017-1665

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N



Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

IBM Tivoli Key Lifecycle Manager 2.5, 2.6, and 2.7 uses weaker than expected cryptographic algorithms that could allow an attacker to decrypt highly sensitive information. IBM X-Force ID: 133559.

CVE-2017-1665 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [IBM](#) - **Security Key Lifecycle Manager** version 2.5

Affected Vendor/Software: [IBM](#) - **Security Key Lifecycle Manager** version 2.6

Affected Vendor/Software: [IBM](#) - **Security Key Lifecycle Manager** version 2.7

CVSS3 Score: **5.9 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: IBM Security Key Lifecycle Manager uses inadequate encryption strength algorithms (CVE-2017-1665)	Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/docview.wss?uid=swg22012023
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 MISC exchange.xforce.ibmcloud.com/vulnerabilities/133559
Debian -- Security Information -- DSA-4262-1 symfony	Third Party Advisory www.debian.org Deprecated Link text/html	 DEBIAN DSA-4262

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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	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.0	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.1	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.2	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.3	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.4	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.5	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.6	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.7	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.5.0.8	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.6.0	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.6.0.1	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.6.0.2	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.6.0.3	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.7.0	All	All	All
Application	Ibm	Security Key Lifecycle Manager	2.7.0.1	All	All	All

Application	IBM	Security Key Lifecycle Manager	2.7.0.2	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.0	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.1	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.2	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.3	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.4	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.5	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.6	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.7	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.5.0.8	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.6.0	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.6.0.1	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.6.0.2	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.6.0.3	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.7.0	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.7.0.1	All	All	All
Application	IBM	Security Key Lifecycle Manager	2.7.0.2	All	All	All
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.0:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.1:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.2:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.3:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.4:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.5:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.6:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.7:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.8:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0:*:*:*:*:*:						
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0.1:*:*:*:*:*:						

cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0.2:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0.3:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.7.0:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.7.0.1:*****:
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cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.2:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.3:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.4:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.5:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.6:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.7:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.5.0.8:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0.1:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0.2:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.6.0.3:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.7.0:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.7.0.1:*****:
cpe:2.3:a:ibm:security_key_lifecycle_manager:2.7.0.2:*****:

No vendor comments have been submitted for this CVE

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