



CVE-2011-3427

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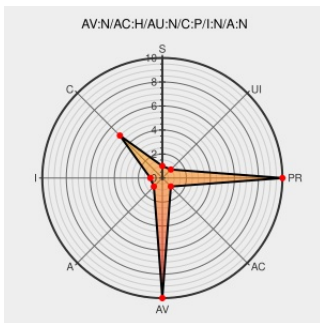
CVE-2011-3427

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: [PDF](#)



Certain versions of [Apple Tv](#) from [Apple](#) contain the following vulnerability:

The Data Security component in Apple iOS before 5 and Apple TV before 4.4 does not properly restrict use of the MD5 hash algorithm within X.509 certificates, which makes it easier for man-in-the-middle attackers to spoof servers or obtain sensitive information via a crafted certificate.

CVE-2011-3427 has been assigned by product-security@apple.com to track the vulnerability

CVSS2 Score: **2.6 - LOW**

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

CVE References

Description	Tags	Link
APPLE-SA-2011-10-12-2 Apple TV Software Update 4.4	Vendor Advisory lists.apple.com text/html	APPLE APPLE-SA-2011-10-12-2
APPLE-SA-2013-10-22-3 OS X Mavericks v10.9	lists.apple.com text/html	APPLE APPLE-SA-2013-10-22-3
APPLE-SA-2011-10-12-1 iOS 5 Software Update	Vendor Advisory lists.apple.com text/html	APPLE APPLE-SA-2011-10-12-1
No Description Provided	osvdb.org	OSVDB 76326
	Inactive Link Not Archived	

About the security content of iOS 5 Software Update	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/kb/H14999
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF appleios-appletv-x509-spoofing(70547)
About the security content of Apple TV Software Update 4.4	Vendor Advisory support.apple.com text/html	 CONFIRM support.apple.com/kb/HT5001

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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
Application	Apple	Apple Tv	4.0	All	All	All
Application	Apple	Apple Tv	4.1	All	All	All
Application	Apple	Apple Tv	4.2	All	All	All
Application	Apple	Apple Tv	4.3	All	All	All
Application	Apple	Apple Tv	4.0	All	All	All
Application	Apple	Apple Tv	4.1	All	All	All
Application	Apple	Apple Tv	4.2	All	All	All
Application	Apple	Apple Tv	4.3	All	All	All
Operating System	Apple	Iphone Os	3.0	-	iphone	All
Operating System	Apple	Iphone Os	3.1	All	All	All
Operating System	Apple	Iphone Os	3.1	-	iphone	All
Operating System	Apple	Iphone Os	3.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1.2	-	iphone	All
Operating System	Apple	Iphone Os	3.1.3	-	iphone	All
Operating System	Apple	Iphone Os	3.2	-	iphone	All
Operating System	Apple	Iphone Os	3.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.2.1	All	All	All

Operating System	Apple	Iphone Os	3.2.1	-	ipad	All
Operating System	Apple	Iphone Os	3.2.2	All	All	All
Operating System	Apple	Iphone Os	4.0	All	All	All
Operating System	Apple	Iphone Os	4.0	-	iphone	All
Operating System	Apple	Iphone Os	4.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	4.0.1	All	All	All
Operating System	Apple	Iphone Os	4.0.1	-	iphone	All
Operating System	Apple	Iphone Os	4.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	4.0.2	All	All	All
Operating System	Apple	Iphone Os	4.1	All	All	All
Operating System	Apple	Iphone Os	4.2.1	All	All	All
Operating System	Apple	Iphone Os	4.2.5	All	All	All
Operating System	Apple	Iphone Os	4.2.8	All	All	All
Operating System	Apple	Iphone Os	4.3.0	All	All	All
Operating System	Apple	Iphone Os	4.3.1	All	All	All
Operating System	Apple	Iphone Os	4.3.2	All	All	All
Operating System	Apple	Iphone Os	4.3.3	All	All	All
Operating System	Apple	Iphone Os	4.3.5	All	All	All
Operating System	Apple	Iphone Os	4.3.5	-	ipad	All
Operating System	Apple	Iphone Os	4.3.5	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.0	-	iphone	All
Operating System	Apple	Iphone Os	3.1	All	All	All
Operating System	Apple	Iphone Os	3.1	-	iphone	All

Operating System	Apple	Iphone Os	3.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.1.2	-	iphone	All
Operating System	Apple	Iphone Os	3.1.3	-	iphone	All
Operating System	Apple	Iphone Os	3.2	-	iphone	All
Operating System	Apple	Iphone Os	3.2	-	ipodtouch	All
Operating System	Apple	Iphone Os	3.2.1	All	All	All
Operating System	Apple	Iphone Os	3.2.1	-	ipad	All
Operating System	Apple	Iphone Os	3.2.2	All	All	All
Operating System	Apple	Iphone Os	4.0	All	All	All
Operating System	Apple	Iphone Os	4.0	-	iphone	All
Operating System	Apple	Iphone Os	4.0	-	ipodtouch	All
Operating System	Apple	Iphone Os	4.0.1	All	All	All
Operating System	Apple	Iphone Os	4.0.1	-	iphone	All
Operating System	Apple	Iphone Os	4.0.1	-	ipodtouch	All
Operating System	Apple	Iphone Os	4.0.2	All	All	All
Operating System	Apple	Iphone Os	4.1	All	All	All
Operating System	Apple	Iphone Os	4.2.1	All	All	All
Operating System	Apple	Iphone Os	4.2.5	All	All	All
Operating System	Apple	Iphone Os	4.2.8	All	All	All
Operating System	Apple	Iphone Os	4.3.0	All	All	All
Operating System	Apple	Iphone Os	4.3.1	All	All	All
Operating System	Apple	Iphone Os	4.3.2	All	All	All
Operating System	Apple	Iphone Os	4.3.3	All	All	All

Operating System	Apple	Iphone Os	4.3.5	All	All	All
Operating System	Apple	Iphone Os	4.3.5	-	ipad	All
Operating System	Apple	Iphone Os	4.3.5	-	ipodtouch	All
cpe:2.3:a:apple:apple_tv:4.0:*****:						
cpe:2.3:a:apple:apple_tv:4.1:*****:						
cpe:2.3:a:apple:apple_tv:4.2:*****:						
cpe:2.3:a:apple:apple_tv:4.3:*****:						
cpe:2.3:a:apple:apple_tv:4.0:*****:						
cpe:2.3:a:apple:apple_tv:4.1:*****:						
cpe:2.3:a:apple:apple_tv:4.2:*****:						
cpe:2.3:a:apple:apple_tv:4.3:*****:						
cpe:2.3:o:apple:iphone_os:3.0:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:3.1:*****:						
cpe:2.3:o:apple:iphone_os:3.1:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:3.1:-:ipodtouch:*****:						
cpe:2.3:o:apple:iphone_os:3.1.2:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:3.1.3:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:3.2:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:3.2:-:ipodtouch:*****:						
cpe:2.3:o:apple:iphone_os:3.2.1:*****:						
cpe:2.3:o:apple:iphone_os:3.2.1:-:ipad:*****:						
cpe:2.3:o:apple:iphone_os:3.2.2:*****:						
cpe:2.3:o:apple:iphone_os:4.0:*****:						
cpe:2.3:o:apple:iphone_os:4.0:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:4.0:-:ipodtouch:*****:						
cpe:2.3:o:apple:iphone_os:4.0.1:*****:						
cpe:2.3:o:apple:iphone_os:4.0.1:-:iphone:*****:						
cpe:2.3:o:apple:iphone_os:4.0.1:-:ipodtouch:*****:						

cpe:2.3:o:apple:iphone_os:4.0.2:****:*:
cpe:2.3:o:apple:iphone_os:4.1:****:*:
cpe:2.3:o:apple:iphone_os:4.2.1:****:*:
cpe:2.3:o:apple:iphone_os:4.2.5:****:*:
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cpe:2.3:o:apple:iphone_os:4.3.1:****:*:
cpe:2.3:o:apple:iphone_os:4.3.2:****:*:
cpe:2.3:o:apple:iphone_os:4.3.3:****:*:
cpe:2.3:o:apple:iphone_os:4.3.5:****:*:
cpe:2.3:o:apple:iphone_os:4.3.5:-:ipad:****:
cpe:2.3:o:apple:iphone_os:4.3.5:-:ipodtouch:****:
cpe:2.3:o:apple:iphone_os:3.0:-:iphone:****:
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cpe:2.3:o:apple:iphone_os:3.1:-:iphone:****:
cpe:2.3:o:apple:iphone_os:3.1:-:ipodtouch:****:
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cpe:2.3:o:apple:iphone_os:3.1.3:-:iphone:****:
cpe:2.3:o:apple:iphone_os:3.2:-:iphone:****:
cpe:2.3:o:apple:iphone_os:3.2:-:ipodtouch:****:
cpe:2.3:o:apple:iphone_os:3.2.1:****:*:
cpe:2.3:o:apple:iphone_os:3.2.1:-:ipad:****:
cpe:2.3:o:apple:iphone_os:3.2.2:****:*:
cpe:2.3:o:apple:iphone_os:4.0:****:*:
cpe:2.3:o:apple:iphone_os:4.0:-:iphone:****:
cpe:2.3:o:apple:iphone_os:4.0:-:ipodtouch:****:
cpe:2.3:o:apple:iphone_os:4.0.1:****:*:
cpe:2.3:o:apple:iphone_os:4.0.1:-:iphone:****:

cpe:2.3:o:apple:iphone_os:4.0.1:-:ipodtouch:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.0.2:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.1:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.2.1:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.2.5:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.2.8:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.0:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.1:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.2:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.3:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.5:*:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.5:-:ipad:*:*:*:*:
cpe:2.3:o:apple:iphone_os:4.3.5:-:ipodtouch:*:*:*:*:

No vendor comments have been submitted for this CVE

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