



CVE-2011-4120

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CVE-2011-4120

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

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

Yubico PAM Module before 2.10 performed user authentication when 'use_first_pass' PAM configuration option was not used and the module was configured as 'sufficient' in the PAM configuration. A remote attacker could use this flaw to circumvent common authentication process and obtain access to the account in question by providing a NULL value (pressing Ctrl-D keyboard sequence) as the password string.

CVE-2011-4120 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **yubico-pam** - **yubico-pam** version **before 2.10**

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
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cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:
cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:

```
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:
```

```
cpe:2.3:o:debian:debian linux:10.0:*:*:*:*:*.*
```

```
cpe:2.3:o:debian:debian linux:8.0:*:*:*:*:*:*:
```

```
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:
```

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

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

```
cpe:2.3:a:yubico:pam_module:*.:.:.:.:.:.:.:
```

```
cpe:2.3:a:yubico:pam_module:*.:.:.:.:.:.:.:
```

No vendor comments have been submitted for this CVE

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