

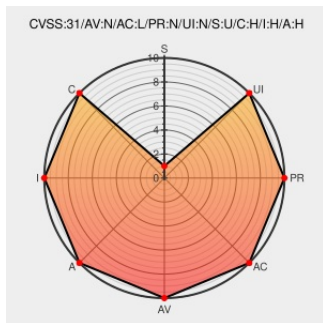


CVE-2020-28638

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CVE-2020-28638

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

Certain versions of **Tomb** from **Dyne** contain the following vulnerability: ask_password in Tomb 2.0 through 2.7 returns a warning when pinentry-curses is used and \$DISPLAY is non-empty, causing affected users' files to be encrypted with "tomb {W} Detected DISPLAY, but only pinentry-curses is found." as the encryption key.

CVE-2020-28638 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

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
[security] Any password unlocks tomb when using pinentry-curses and non-empty \$DISPLAY · Issue #385 · dyne/Tomb · GitHub	Exploit Issue Tracking Third Party Advisory github.com text/html	MISC github.com/dyne/Tomb/issues/385

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Related QID Numbers

180683 Debian Security Update for tomb (CVE-2020-28638)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Dyne	Tomb	All	All	All	All
cpe:2.3:a:dyne:tomb:*****:*						

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→