



CVE-2018-15781

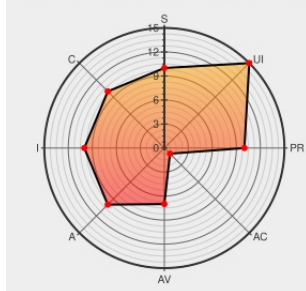
Published on: 02/13/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:27 PM UTC

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

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



Certain versions of [Wyse Thinlinux](#) from [Dell](#) contain the following vulnerability:

The Dell Wyse Password Encoder in ThinLinux2 versions prior to 2.1.0.01 contain a Hard-coded Cryptographic Key vulnerability. An unauthenticated remote attacker could reverse engineer the cryptographic system used in the Dell Wyse Password Encoder to discover the hard coded private key and decrypt locally stored cipher text.

CVE-2018-15781 has been assigned by [security_alert@emc.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Dell](#) - **Wyse Password Encoder** version **2.1.0.01**

CVSS3 Score: **8 - HIGH**

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

CVSS2 Score: **7.9 - HIGH**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
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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	Dell	Wyse Thinlinux	All	All	All	All
Application	Dell	Wyse Thinlinux	All	All	All	All
cpe:2.3:a:dell:wyse_thinlinux:*****:						
cpe:2.3:a:dell:wyse_thinlinux:*****:						

Discovery Credit

Dell would like to thank Andrew Tierney at Pen Test Partners for reporting this vulnerability.

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