CVE-2019-3735

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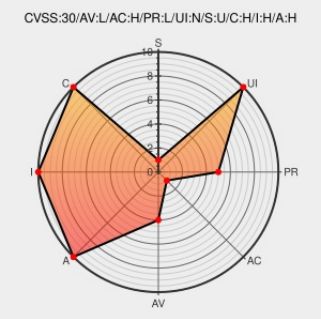
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Supportassist For Business Pcs from Dell contain the following vulnerability:

Dell SupportAssist for Business PCs version 2.0 and Dell SupportAssist for Home PCs version 2.2, 2.2.1, 2.2.2, 2.2.3, 3.0, 3.0.1, 3.0.2, 3.1, 3.2, and 3.2.1 contain an Improper Privilege Management Vulnerability. A malicious local user can exploit this vulnerability by inheriting a system thread using a leaked thread handle to gain system privileges on the affected machine.

CVE-2019-3735 has been assigned by security_alert@emc.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Dell** - **Dell SupportAssist for Business PCs** version **= 2.0**

Affected Vendor/Software: **Dell** - **Dell SupportAssist for Home PCs** version **= 2.2, 2.2.1, 2.2.2, 2.2.3, 3.0, 3.0.1, 3.0.2, 3.1, 3.2, and 3.2.1**

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
DSA-2019-088: Dell SupportAssist Security Update for Improper Privilege Management Vulnerability | Dell US	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	MISC www.dell.com/support/article/sln317453

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Dell	Supportassist For Business Pcs	2.0	All	All	All
Application	Dell	Supportassist For Business Pcs	2.0	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2.1	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2.2	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2.3	All	All	All
Application	Dell	Supportassist For Home Pcs	3.0	All	All	All
Application	Dell	Supportassist For Home Pcs	3.0.1	All	All	All
Application	Dell	Supportassist For Home Pcs	3.0.2	All	All	All
Application	Dell	Supportassist For Home Pcs	3.1	All	All	All
Application	Dell	Supportassist For Home Pcs	3.2	All	All	All
Application	Dell	Supportassist For Home Pcs	3.2.1	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2.1	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2.2	All	All	All
Application	Dell	Supportassist For Home Pcs	2.2.3	All	All	All
Application	Dell	Supportassist For Home Pcs	3.0	All	All	All
Application	Dell	Supportassist For Home Pcs	3.0.1	All	All	All
Application	Dell	Supportassist For Home Pcs	3.0.2	All	All	All
Application	Dell	Supportassist For Home Pcs	3.1	All	All	All
Application	Dell	Supportassist For Home Pcs	3.2	All	All	All
Application	Dell	Supportassist For Home Pcs	3.2.1	All	All	All

cpe:2.3:a:dell:supportassist_for_business_pcs:2.0:*:*:*:*:*:*:*

cpe:2.3:a:dell:supportassist_for_business_pcs:2.0:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2.3:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.0:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.2.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:2.2.3:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.0:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.0.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.1:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.2:*:*:*:*:*:*:*:

cpe:2.3:a:dell:supportassist_for_home_pcs:3.2.1:*:*:*:*:*:*:*:

Discovery Credit

Dell would like to thank Bill Demirkapi for reporting this vulnerability.

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CVE.report and Source URL Uptime Status status.cve.report