



# CVE-2021-21586

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## CVE-2021-21586

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

CVSS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H



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

Wyse Management Suite versions 3.2 and earlier contain an absolute path traversal vulnerability. A remote authenticated malicious user could exploit this vulnerability in order to read arbitrary files on the system.

CVE-2021-21586 has been assigned by [Dell](#) [secure@dell.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [Dell](#) - **Wyse Management Suite** version < 3.3

CVSS3 Score: **6.5 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>NONE</b>         | <b>NONE</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>NONE</b>       | <b>NONE</b>         |

## CVE References

| Description   | Tags                                                                                             | Link                                                                           |
|---------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Access Denied | <a href="#">www.dell.com</a><br><a href="#">text/html</a><br><b>Inactive Link - Not Archived</b> | <a href="#">Dell MISC</a> <a href="#">www.dell.com/support/kbdoc/000189363</a> |

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## Related QID Numbers

[371524](#) Dell Wyse Management Suite (WMS) Multiple Vulnerabilities (DSA-2021-137)

## Known Affected Configurations (CPE V2.3)

| Type                                             | Vendor | Product               | Version | Update | Edition | Language |
|--------------------------------------------------|--------|-----------------------|---------|--------|---------|----------|
| Application                                      | Dell   | Wyse Management Suite | All     | All    | All     | All      |
| cpe:2.3:a:dell:wyse_management_suite:*:*:*:*:*.* |        |                       |         |        |         |          |

No vendor comments have been submitted for this CVE

## Social Mentions

| Source                                                                                              | Title                                                                                                                                                                                                       | Posted (UTC)        |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @NCCGroupInfosec | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) by Stephen... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>     | 2021-07-06 23:31:46 |
|  @NCCsecurityUS   | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587)... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>                | 2021-07-07 14:17:48 |
|  @ipssignatures   | The vuln CVE-2021-21586 has a tweet created 0 days ago and retweeted 12 times. <a href="https://twitter.com/NCCGroupInfosec...">twitter.com/NCCGroupInfosec...</a> #pow1rtrtwcve                            | 2021-07-07 17:06:01 |
|  @hofstra14       | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) by Stephen... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>     | 2021-07-07 22:29:05 |
|  @GRC_Pro         | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) by Stephen... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>     | 2021-07-08 15:27:00 |
|  @TheHackersNews  | Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) <a href="https://research.nccgroup.com/2021/07/06/tec...">research.nccgroup.com/2021/07/06/tec...</a> @NCCGroupInfosec   | 2021-07-08 16:55:01 |
|  @trip_elix       | "Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) <a href="https://research.nccgroup.com/2021/07/06/tec...">research.nccgroup.com/2021/07/06/tec...</a> @NCCGroupInfosec" | 2021-07-08 17:02:14 |
|  @ipssignatures   | The vuln CVE-2021-21586 has a tweet created 0 days ago and retweeted 11 times. <a href="https://twitter.com/TheHackersNews...">twitter.com/TheHackersNews...</a> #pow1rtrtwcve                              | 2021-07-08 19:06:00 |
|  @kdunn_ncc       | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) by Stephen... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>     | 2021-07-09 15:38:01 |
|  @proficioinc     | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) via... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>            | 2021-07-09 18:00:01 |
|  @osintmikey      | Technical Advisory – Arbitrary File Read in Dell Wyse Management Suite (CVE-2021-21586, CVE-2021-21587) by Stephen... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>     | 2021-07-13 15:35:00 |
|  /r/netcve        | <a href="#">CVE-2021-21586</a>                                                                                                                                                                              | 2021-07-15 16:41:18 |

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