



# CVE-2020-2508

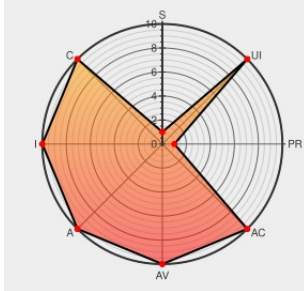
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## CVE-2020-2508 - advisory for QSA-21-01

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

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



Certain versions of [Qts](#) from [Qnap](#) contain the following vulnerability:

A command injection vulnerability has been reported to affect QTS and QuTS hero. If exploited, this vulnerability allows attackers to execute arbitrary commands in a compromised application. QNAP have already fixed this vulnerability in the following versions: QTS 4.5.1.1456 build 20201015 (and later) QuTS hero h4.5.1.1472 build 20201031 (and later)

CVE-2020-2508 has been assigned by [Q security@qnap.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Q QNAP Systems Inc.](#) - **QTS** version < 4.5.1.1456

Affected Vendor/Software: [Q QNAP Systems Inc.](#) - **QuTS hero** version < h4.5.1.1472

CVSS3 Score: **7.2 - HIGH**

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

CVSS2 Score: **6.5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description | Taas | Link |
|-------------|------|------|
|-------------|------|------|

Command Injection Vulnerability in QTS and QuTS hero - Security Advisory | QNAP

Vendor Advisory

www.qnap.com

text/html

CONFIRM

www.qnap.com/zh-tw/security-advisory/qla-21-01

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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 |
|-----------------------------------|--------|-----------|---------|--------|---------|----------|
| Operating System                  | Qnap   | Qts       | All     | All    | All     | All      |
| Operating System                  | Qnap   | Qts       | All     | All    | All     | All      |
| Operating System                  | Qnap   | Quts Hero | All     | All    | All     | All      |
| Operating System                  | Qnap   | Quts Hero | All     | All    | All     | All      |
| cpe:2.3:o:qnap:qts:*****:.*       |        |           |         |        |         |          |
| cpe:2.3:o:qnap:qts:*****:.*       |        |           |         |        |         |          |
| cpe:2.3:o:qnap:quts_hero:*****:.* |        |           |         |        |         |          |
| cpe:2.3:o:qnap:quts_hero:*****:.* |        |           |         |        |         |          |

Discovery Credit

CFF of Topsec Alpha Team

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