



# CVE-2018-11422

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## CVE-2018-11422

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Oncell G3150-hspa](#) from [Moxa](#) contain the following vulnerability:

Moxa OnCell G3100-HSPA Series version 1.6 Build 17100315 and prior use a proprietary configuration protocol that does not provide confidentiality, integrity, and authenticity security controls. All information is sent in plain text, and can be intercepted and modified.

Any commands (including device reboot, configuration download or upload, or firmware upgrade) are accepted and executed by the device without authentication.

CVE-2018-11422 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</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: **7.5 - HIGH**

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

## CVE References

| Description                                                                  | Tags                                                               | Link                                                                                        |
|------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Advisories/KL-MOXA-2018-104.md at master · klsecservices/Advisories · GitHub | <a href="#">Third Party Advisory</a><br><a href="#">github.com</a> | <a href="#">MISC</a><br><a href="#">github.com/klsecservices/Advisories/blob/master/KL-</a> |

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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 |
|--------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|---------|--------|---------|----------|
| Hardware  | <a href="#">Moxa</a> | <a href="#">Oncell G3150-hspa</a>            | -       | All    | All     | All      |
| Hardware  | <a href="#">Moxa</a> | <a href="#">Oncell G3150-hspa</a>            | -       | All    | All     | All      |
| Hardware  | <a href="#">Moxa</a> | <a href="#">Oncell G3150-hspa-t</a>          | -       | All    | All     | All      |
| Hardware  | <a href="#">Moxa</a> | <a href="#">Oncell G3150-hspa-t</a>          | -       | All    | All     | All      |
| Operating System                                                                           | <a href="#">Moxa</a> | <a href="#">Oncell G3150-hspa-t Firmware</a> | All     | All    | All     | All      |
| Operating System                                                                           | <a href="#">Moxa</a> | <a href="#">Oncell G3150-hspa Firmware</a>   | All     | All    | All     | All      |
| cpe:2.3:h:moxa:oncell_g3150-hspa:-:*:*:*:*:*:                                              |                      |                                              |         |        |         |          |
| cpe:2.3:h:moxa:oncell_g3150-hspa:-:*:*:*:*:*:                                              |                      |                                              |         |        |         |          |
| cpe:2.3:h:moxa:oncell_g3150-hspa-t:-:*:*:*:*:*:                                            |                      |                                              |         |        |         |          |
| cpe:2.3:h:moxa:oncell_g3150-hspa-t:-:*:*:*:*:*:                                            |                      |                                              |         |        |         |          |
| cpe:2.3:o:moxa:oncell_g3150-hspa-t_firmware:*:*:*:*:*:                                     |                      |                                              |         |        |         |          |
| cpe:2.3:o:moxa:oncell_g3150-hspa_firmware:*:*:*:*:*:                                       |                      |                                              |         |        |         |          |

No vendor comments have been submitted for this CVE

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