



# CVE-2019-6159

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## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2019-6159   |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | psirt@lenovo.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2019-08-19 15:15:00 UTC   |
| <b>Updated</b>         | 2023-03-29 16:23:00 UTC   |
| <b>Description</b>     | A stored cross-site scripting (XSS) vulnerability exists in various firmware versions of the legacy IBM System x IMM (IMM v |

## Risk And Classification

### Problem Types: CWE-79

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                 | Product                                    | Version | Update | Edition | Language |
|------------------|------------------------|--|---------|--------|---------|----------|
| Hardware         | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22v</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22v</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22v Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22v Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22 Firmware</a>  | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hs22 Firmware</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hx5</a>            | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hx5</a>            | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hx5 Firmware</a>   | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">Bladecenter Hx5 Firmware</a>   | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">System X3400 M3</a>            | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">System X3400 M3</a>            | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">System X3400 M3 Firmware</a>   | -       | All    | All     | All      |
| Operating System | <a href="#">Lenovo</a> | <a href="#">System X3400 M3 Firmware</a>   | -       | All    | All     | All      |
| Hardware         | <a href="#">Lenovo</a> | <a href="#">System X3500 M2</a>            | -       | All    | All     | All      |

|                  |        |                          |   |     |     |     |
|------------------|--------|--------------------------|---|-----|-----|-----|
| Hardware         | Lenovo | System X3500 M2          | - | All | All | All |
| Operating System | Lenovo | System X3500 M2 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3500 M2 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3500 M3          | - | All | All | All |
| Hardware         | Lenovo | System X3500 M3          | - | All | All | All |
| Operating System | Lenovo | System X3500 M3 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3500 M3 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3550 M3          | - | All | All | All |
| Hardware         | Lenovo | System X3550 M3          | - | All | All | All |
| Operating System | Lenovo | System X3550 M3 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3550 M3 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3560 M2          | - | All | All | All |
| Hardware         | Lenovo | System X3560 M2          | - | All | All | All |
| Operating System | Lenovo | System X3560 M2 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3560 M2 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3630 M3          | - | All | All | All |
| Hardware         | Lenovo | System X3630 M3          | - | All | All | All |
| Operating System | Lenovo | System X3630 M3 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3630 M3 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3650 M3          | - | All | All | All |
| Hardware         | Lenovo | System X3650 M3          | - | All | All | All |
| Operating System | Lenovo | System X3650 M3 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3650 M3 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3690 X5          | - | All | All | All |
| Hardware         | Lenovo | System X3690 X5          | - | All | All | All |
| Operating System | Lenovo | System X3690 X5 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3690 X5 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3850 X5          | - | All | All | All |
| Hardware         | Lenovo | System X3850 X5          | - | All | All | All |
| Operating System | Lenovo | System X3850 X5 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3850 X5 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X3950 X5          | - | All | All | All |
| Hardware         | Lenovo | System X3950 X5          | - | All | All | All |
| Operating System | Lenovo | System X3950 X5 Firmware | - | All | All | All |
| Operating System | Lenovo | System X3950 X5 Firmware | - | All | All | All |

|                  |        |                                      |   |     |     |     |
|------------------|--------|--------------------------------------|---|-----|-----|-----|
| Hardware         | Lenovo | System X Idataplex Dx360 M2          | - | All | All | All |
| Hardware         | Lenovo | System X Idataplex Dx360 M2          | - | All | All | All |
| Operating System | Lenovo | System X Idataplex Dx360 M2 Firmware | - | All | All | All |
| Operating System | Lenovo | System X Idataplex Dx360 M2 Firmware | - | All | All | All |
| Hardware         | Lenovo | System X Idataplex Dx360 M3          | - | All | All | All |
| Hardware         | Lenovo | System X Idataplex Dx360 M3          | - | All | All | All |
| Operating System | Lenovo | System X Idataplex Dx360 M3 Firmware | - | All | All | All |
| Operating System | Lenovo | System X Idataplex Dx360 M3 Firmware | - | All | All | All |

## References

| Reference   | Source  | Link  | Tags                |
|---|---------|---|---------------------|
| Stored XSS Vulnerability in legacy IBM System x IMM - Lenovo Support US | CONFIRM | <a href="https://support.lenovo.com">support.lenovo.com</a>                     | Mitigation, Vendor  |
| IBM X-Force Exchange  | MISC    | <a href="https://exchange.xforce.ibmcloud.com">exchange.xforce.ibmcloud.com</a> | Third Party Advice  |
| CVE Program record  | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                                   | canonical           |
| NVD vulnerability detail  | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                                 | canonical, analysis |

## Vendor Comments And Credit

Discovery Credit

**LEGACY:** Lenovo thanks Christopher Arnold for reporting this issue.

There are currently no legacy QID mappings associated with this CVE.