



CVE-2019-6157

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Summary

| | |
|------------------------|---|
| CVE | CVE-2019-6157 |
| State | PUBLIC |
| Assigner | psirt@lenovo.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-04-22 16:29:00 UTC |
| Updated | 2019-10-09 23:51:00 UTC |
| Description | In various firmware versions of Lenovo System x, the integrated management module II (IMM2)'s first failure data capture (I |

Risk And Classification

Problem Types: CWE-532

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------|------------------------------|---------|--------|---------|----------|
| Hardware | ibm | Bladecenter Hs22 | - | All | All | All |
| Hardware | ibm | Bladecenter Hs22 | - | All | All | All |
| Operating System | ibm | Bladecenter Hs22 Firmware | All | All | All | All |
| Operating System | ibm | Bladecenter Hs22 Firmware | All | All | All | All |
| Hardware | ibm | Bladecenter Hs23 | - | All | All | All |
| Hardware | ibm | Bladecenter Hs23 | - | All | All | All |
| Hardware | ibm | Bladecenter Hs23e | - | All | All | All |
| Hardware | ibm | Bladecenter Hs23e | - | All | All | All |
| Operating System | ibm | Bladecenter Hs23e Firmware | All | All | All | All |
| Operating System | ibm | Bladecenter Hs23e Firmware | All | All | All | All |
| Operating System | ibm | Bladecenter Hs23 Firmware | All | All | All | All |
| Operating System | ibm | Bladecenter Hs23 Firmware | All | All | All | All |
| Hardware | ibm | Flex System X220 M4 | - | All | All | All |
| Hardware | ibm | Flex System X220 M4 | - | All | All | All |
| Operating System | ibm | Flex System X220 M4 Firmware | All | All | All | All |
| Operating System | ibm | Flex System X220 M4 Firmware | All | All | All | All |
| Hardware | ibm | Flex System X222 M4 | - | All | All | All |

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|------------------|-----|--|-----|-----|-----|-----|
| Hardware | lbn | Flex System X222 M4 | - | All | All | All |
| Operating System | lbn | Flex System X222 M4 Firmware | All | All | All | All |
| Operating System | lbn | Flex System X222 M4 Firmware | All | All | All | All |
| Hardware | lbn | Flex System X240 M4 | - | All | All | All |
| Hardware | lbn | Flex System X240 M4 | - | All | All | All |
| Operating System | lbn | Flex System X240 M4 Firmware | All | All | All | All |
| Operating System | lbn | Flex System X240 M4 Firmware | All | All | All | All |
| Hardware | lbn | Flex System X280 M4 | - | All | All | All |
| Hardware | lbn | Flex System X280 M4 | - | All | All | All |
| Operating System | lbn | Flex System X280 M4 Firmware | All | All | All | All |
| Operating System | lbn | Flex System X280 M4 Firmware | All | All | All | All |
| Hardware | lbn | Flex System X440 M4 | - | All | All | All |
| Hardware | lbn | Flex System X440 M4 | - | All | All | All |
| Operating System | lbn | Flex System X440 M4 Firmware | All | All | All | All |
| Operating System | lbn | Flex System X440 M4 Firmware | All | All | All | All |
| Hardware | lbn | Flex System X480 M4 | - | All | All | All |
| Hardware | lbn | Flex System X480 M4 | - | All | All | All |
| Operating System | lbn | Flex System X480 M4 Firmware | All | All | All | All |
| Operating System | lbn | Flex System X480 M4 Firmware | All | All | All | All |
| Hardware | lbn | Flex System X880 M4 | - | All | All | All |
| Hardware | lbn | Flex System X880 M4 | - | All | All | All |
| Operating System | lbn | Flex System X880 M4 Firmware | All | All | All | All |
| Operating System | lbn | Flex System X880 M4 Firmware | All | All | All | All |
| Hardware | lbn | Idataplex Dx360 M4 | - | All | All | All |
| Hardware | lbn | Idataplex Dx360 M4 | - | All | All | All |
| Operating System | lbn | Idataplex Dx360 M4 Firmware | All | All | All | All |
| Operating System | lbn | Idataplex Dx360 M4 Firmware | All | All | All | All |
| Hardware | lbn | Idataplex Dx360 M4 Water Cooled | - | All | All | All |
| Hardware | lbn | Idataplex Dx360 M4 Water Cooled | - | All | All | All |
| Operating System | lbn | Idataplex Dx360 M4 Water Cooled Firmware | All | All | All | All |
| Operating System | lbn | Idataplex Dx360 M4 Water Cooled Firmware | All | All | All | All |
| Hardware | lbn | Nextscale Nx360 M4 | - | All | All | All |
| Hardware | lbn | Nextscale Nx360 M4 | - | All | All | All |
| Operating System | lbn | Nextscale Nx360 M4 Firmware | All | All | All | All |
| Operating System | lbn | Nextscale Nx360 M4 Firmware | All | All | All | All |

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|------------------|-----|--------------------------|-----|-----|-----|-----|
| Hardware | lbn | System X3100 M4 | - | All | All | All |
| Hardware | lbn | System X3100 M4 | - | All | All | All |
| Operating System | lbn | System X3100 M4 Firmware | All | All | All | All |
| Operating System | lbn | System X3100 M4 Firmware | All | All | All | All |
| Hardware | lbn | System X3100 M5 | - | All | All | All |
| Hardware | lbn | System X3100 M5 | - | All | All | All |
| Operating System | lbn | System X3100 M5 Firmware | All | All | All | All |
| Operating System | lbn | System X3100 M5 Firmware | All | All | All | All |
| Hardware | lbn | System X3250 M4 | - | All | All | All |
| Hardware | lbn | System X3250 M4 | - | All | All | All |
| Operating System | lbn | System X3250 M4 Firmware | All | All | All | All |
| Operating System | lbn | System X3250 M4 Firmware | All | All | All | All |
| Hardware | lbn | System X3250 M5 | - | All | All | All |
| Hardware | lbn | System X3250 M5 | - | All | All | All |
| Operating System | lbn | System X3250 M5 Firmware | All | All | All | All |
| Operating System | lbn | System X3250 M5 Firmware | All | All | All | All |
| Hardware | lbn | System X3300 M4 | - | All | All | All |
| Hardware | lbn | System X3300 M4 | - | All | All | All |
| Operating System | lbn | System X3300 M4 Firmware | All | All | All | All |
| Operating System | lbn | System X3300 M4 Firmware | All | All | All | All |
| Hardware | lbn | System X3500 M4 | - | All | All | All |
| Hardware | lbn | System X3500 M4 | - | All | All | All |
| Operating System | lbn | System X3500 M4 Firmware | All | All | All | All |
| Operating System | lbn | System X3500 M4 Firmware | All | All | All | All |
| Hardware | lbn | System X3530 M4 | - | All | All | All |
| Hardware | lbn | System X3530 M4 | - | All | All | All |
| Operating System | lbn | System X3530 M4 Firmware | All | All | All | All |
| Operating System | lbn | System X3530 M4 Firmware | All | All | All | All |
| Hardware | lbn | System X3550 M4 | - | All | All | All |
| Hardware | lbn | System X3550 M4 | - | All | All | All |
| Operating System | lbn | System X3550 M4 Firmware | All | All | All | All |
| Operating System | lbn | System X3550 M4 Firmware | All | All | All | All |
| Hardware | lbn | System X3630 M4 | - | All | All | All |
| Hardware | lbn | System X3630 M4 | - | All | All | All |
| Operating System | lbn | System X3630 M4 Firmware | All | All | All | All |

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|------------------|--------|------------------------------|-----|-----|-----|-----|
| Operating System | IBM | System X3630 M4 Firmware | All | All | All | All |
| Hardware | IBM | System X3650 M4 | - | All | All | All |
| Hardware | IBM | System X3650 M4 | - | All | All | All |
| Hardware | IBM | System X3650 M4 Bd | - | All | All | All |
| Hardware | IBM | System X3650 M4 Bd | - | All | All | All |
| Operating System | IBM | System X3650 M4 Bd Firmware | All | All | All | All |
| Operating System | IBM | System X3650 M4 Bd Firmware | All | All | All | All |
| Operating System | IBM | System X3650 M4 Firmware | All | All | All | All |
| Operating System | IBM | System X3650 M4 Firmware | All | All | All | All |
| Hardware | IBM | System X3650 M4 Hd | - | All | All | All |
| Hardware | IBM | System X3650 M4 Hd | - | All | All | All |
| Operating System | IBM | System X3650 M4 Hd Firmware | All | All | All | All |
| Operating System | IBM | System X3650 M4 Hd Firmware | All | All | All | All |
| Hardware | IBM | System X3750 M4 | - | All | All | All |
| Hardware | IBM | System X3750 M4 | - | All | All | All |
| Operating System | IBM | System X3750 M4 Firmware | All | All | All | All |
| Operating System | IBM | System X3750 M4 Firmware | All | All | All | All |
| Hardware | IBM | System X3850 X6 | - | All | All | All |
| Hardware | IBM | System X3850 X6 | - | All | All | All |
| Operating System | IBM | System X3850 X6 Firmware | All | All | All | All |
| Operating System | IBM | System X3850 X6 Firmware | All | All | All | All |
| Hardware | IBM | System X3950 X6 | - | All | All | All |
| Hardware | IBM | System X3950 X6 | - | All | All | All |
| Operating System | IBM | System X3950 X6 Firmware | All | All | All | All |
| Operating System | IBM | System X3950 X6 Firmware | All | All | All | All |
| Hardware | Lenovo | Flex System X240 M4 | - | All | All | All |
| Hardware | Lenovo | Flex System X240 M4 | - | All | All | All |
| Operating System | Lenovo | Flex System X240 M4 Firmware | All | All | All | All |
| Operating System | Lenovo | Flex System X240 M4 Firmware | All | All | All | All |
| Hardware | Lenovo | Flex System X240 M5 | - | All | All | All |
| Hardware | Lenovo | Flex System X240 M5 | - | All | All | All |
| Operating System | Lenovo | Flex System X240 M5 Firmware | All | All | All | All |
| Operating System | Lenovo | Flex System X240 M5 Firmware | All | All | All | All |
| Hardware | Lenovo | Flex System X280 X6 | - | All | All | All |
| Hardware | Lenovo | Flex System X280 X6 | - | All | All | All |
| Operating System | Lenovo | Flex System X280 X6 Firmware | All | All | All | All |

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|------------------|--------|------------------------------|-----|-----|-----|-----|
| Operating System | Lenovo | Flex System X280 X6 Firmware | All | All | All | All |
| Hardware | Lenovo | Flex System X440 M4 | - | All | All | All |
| Hardware | Lenovo | Flex System X440 M4 | - | All | All | All |
| Operating System | Lenovo | Flex System X440 M4 Firmware | All | All | All | All |
| Operating System | Lenovo | Flex System X440 M4 Firmware | All | All | All | All |
| Hardware | Lenovo | Flex System X480 X6 | - | All | All | All |
| Hardware | Lenovo | Flex System X480 X6 | - | All | All | All |
| Operating System | Lenovo | Flex System X480 X6 Firmware | All | All | All | All |
| Operating System | Lenovo | Flex System X480 X6 Firmware | All | All | All | All |
| Hardware | Lenovo | Flex System X880 | - | All | All | All |
| Hardware | Lenovo | Flex System X880 | - | All | All | All |
| Operating System | Lenovo | Flex System X880 Firmware | All | All | All | All |
| Operating System | Lenovo | Flex System X880 Firmware | All | All | All | All |
| Hardware | Lenovo | Nextscale Nx360 M5 | - | All | All | All |
| Hardware | Lenovo | Nextscale Nx360 M5 | - | All | All | All |
| Operating System | Lenovo | Nextscale Nx360 M5 Firmware | All | All | All | All |
| Operating System | Lenovo | Nextscale Nx360 M5 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3250 M6 | - | All | All | All |
| Hardware | Lenovo | System X3250 M6 | - | All | All | All |
| Operating System | Lenovo | System X3250 M6 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3250 M6 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3500 M5 | - | All | All | All |
| Hardware | Lenovo | System X3500 M5 | - | All | All | All |
| Operating System | Lenovo | System X3500 M5 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3500 M5 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3550 M5 | - | All | All | All |
| Hardware | Lenovo | System X3550 M5 | - | All | All | All |
| Operating System | Lenovo | System X3550 M5 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3550 M5 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3650 M5 | - | All | All | All |
| Hardware | Lenovo | System X3650 M5 | - | All | All | All |
| Operating System | Lenovo | System X3650 M5 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3650 M5 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3750 M4 | - | All | All | All |
| Hardware | Lenovo | System X3750 M4 | - | All | All | All |

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|------------------|--------|--------------------------|-----|-----|-----|-----|
| Operating System | Lenovo | System X3750 M4 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3750 M4 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3850 X6 | - | All | All | All |
| Hardware | Lenovo | System X3850 X6 | - | All | All | All |
| Operating System | Lenovo | System X3850 X6 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3850 X6 Firmware | All | All | All | All |
| Hardware | Lenovo | System X3950 X6 | - | All | All | All |
| Hardware | Lenovo | System X3950 X6 | - | All | All | All |
| Operating System | Lenovo | System X3950 X6 Firmware | All | All | All | All |
| Operating System | Lenovo | System X3950 X6 Firmware | All | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|---|------------------------|
| IMM2 FFDC includes Private Key - Lenovo Support US | MISC | support.lenovo.com | Patch, Vendor Advisory |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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