



# CVE-2016-8964

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2016-8964   |
| <b>State</b>           | PUBLISHED   |
| <b>Assigner</b>        | ibm   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2017-07-13 15:29:00 UTC   |
| <b>Updated</b>         | 2025-04-20 01:37:25 UTC   |
| <b>Description</b>     | IBM BigFix Inventory v9 9.2 uses an inadequate account lockout setting that could allow a remote attacker to brute force ac |

## Risk And Classification

**Primary CVSS:** v3.0 9.8 CRITICAL from nvd@nist.gov

**CVSS:**3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

**Problem Types:** CWE-200 | CWE-254 | Obtain Information

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|--|
| 3.0     | nvd@nist.gov | Primary | 9.8   | CRITICAL | CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H |
| 2.0     | nvd@nist.gov | Primary | 5     |          | AV:N/AC:L/Au:N/C:P/I:N/A:N                   |

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:L/Au:N/C:P/I:N/A:N

### NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product             | Version | Update | Edition | Language |
|-------------|--------|---------------------|---------|--------|---------|----------|
| Application | ibm    | Bigfix Inventory    | All     | All    | All     | All      |
| Application | ibm    | License Metric Tool | All     | All    | All     | All      |

### Vendor Declared Affected Products

| Source | Vendor | Product          | Version      | Platforms     |
|--------|--------|------------------|--------------|---------------|
| CNA    | IBM    | BigFix Inventory | affected 9.2 | Not specified |

### References

#### Reference

Multiple IBM Products CVE-2016-8964 Brute Force Authentication Bypass Vulnerability

Security Bulletin: Vulnerability in account lockout affects IBM License Metric Tool v9.x and IBM BigFix Inventory v9.x (CVE-2016-8964)

IBM X-Force Exchange

IBM License Metric Tool Lack of Account Lockout Mechanism Lets Remote Users Determine Passwords on the Target System - SecurityTrack

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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