



# Iobit Malware Fighter 4.3.1 Unquoted Service Path Privilege Escalation

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2016-20059
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulnCheck
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-04 14:16:18 UTC
<b>Updated</b>	2026-04-04 14:16:18 UTC
<b>Description</b>	Iobit Malware Fighter 4.3.1 contains an unquoted service path vulnerability in the IMFService and LiveUpdateSvc services 1

## Risk And Classification

**Primary CVSS:** v4.0 8.5 HIGH from disclosure@vulncheck.com

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**Problem Types:** CWE-428 | CWE-428 Unquoted Search Path or Element

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	8.5	HIGH	CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	disclosure@vulncheck.com	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

## CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

None  
 Confidentiality  
 High  
 Integrity  
 High  
 Availability  
 High  
 Sub Conf.  
 None  
 Sub Integrity  
 None  
 Sub Availability  
 None

CVSS:4.0/AV:L/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	iobit	<a href="#">IObit Malware Fighter</a>	affected 4.3.1	Not specified

### References

Reference	Source	Link	Ta
<a href="http://www.iobit.com/downloadcenter.php">www.iobit.com/downloadcenter.php</a>	<a href="mailto:disclosure@vulncheck.com">disclosure@vulncheck.com</a>	<a href="http://www.iobit.com">www.iobit.com</a>	

www.iobit.com/en/index.php	disclosure@vulncheck.com	<a href="http://www.iobit.com">www.iobit.com</a>	
www.exploit-db.com/exploits/40525	disclosure@vulncheck.com	<a href="http://www.exploit-db.com">www.exploit-db.com</a>	
www.vulncheck.com/advisories/iobit-malware-fighter-unquoted-service-path-privil...	disclosure@vulncheck.com	<a href="http://www.vulncheck.com">www.vulncheck.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	ca

## Vendor Comments And Credit

Discovery Credit

**CNA:** Amir.ght (en)

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

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