

Release Notes for NX-OS Live Protect Shield

CVE-2026-76465 - Cisco Nexus 3000 and 9000 Series Switches MPLS OAM Remote Code Execution Vulnerability

Live Protect Shield

Cisco has released Live Protect shield for [CVE-2026-76465](#) to temporarily mitigate this vulnerability in Cisco NX-OS Software.

For information about Live Protect for Cisco NX-OS Software, see [Cisco Nexus 9000 Series NX-OS Security Configuration Guide](#).

Note: Live Protect shield is a temporary mitigation to bridge the gap until software updates can be scheduled. To fully remediate this vulnerability, upgrade to a fixed software release, which can be found using the [Cisco Software Checker](#).

Overview

A vulnerability in the MPLS Operation, Administration, and Maintenance (OAM) feature of Cisco NX-OS Software for Cisco Nexus 3000 Series Switches and Cisco Nexus 9000 Series Switches could allow an unauthenticated, remote attacker to execute arbitrary code with root privileges or cause a denial of service (DoS) condition on an affected device.

For additional information refer to the security advisory at the following link.
<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-moam-rce-uBTzYV7>

Attribute	Details
CVE ID	CVE-2026-76465
Shield ID	lp00037
Reference bug (IDs)	CSCwu19799
Shield File	lp00037-10.6.3-v1.lps

Requirements

- **Hardware:**
 - N9K-C92348GC-FX3
 - N9K-C9336C-FX2
 - N9K-C9332D-H2R
 - N9K-C9332D-GX2B
 - N9K-C9408
 - N9K-C93180YC-FX
 - N9K-C93108TC-FX
 - N9K-C9348GC-FXP
 - N9K-C93240YC-FX2
 - N9K-C93360YC-FX2
 - N9K-C93216TC-FX2
 - N9K-C93180YC-FX3S
 - N9K-C93180YC-FX3H

-
- N9K-C93180YC-FX3
 - N9K-C93180YC-FX-24
 - N9K-C93108TC-FX-24
 - N9K-C93108TC-FX3
 - N9K-C93108TC-FX3H
 - N9K-C93108TC-FX3P
 - N9K-C9348D-GX2A
 - N9K-C9364D-GX2A
 - N9K-C9364C-H1
 - N9K-C9364C-GX
 - N9K-C9348GC-FX3PH
 - N9K-C9348GC-FX3
 - N9K-C93400LD-H1
 - N9K-C9336C-FX2-E
 - N9K-C9316D-GX
 - N9K-C9336C
 - N9K-C93600CD-GX
-
- **Access:** SSH Telnet or NXAPI access required for shield deployment.

Supported Release(s)

Cisco NX-OS Release 10.6(3)

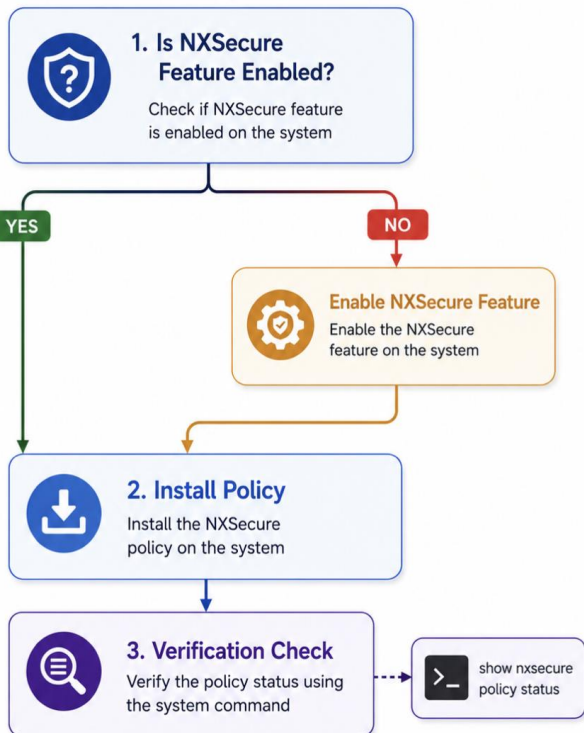
Shield behavior during Upgrade and Downgrade

Upgrade: When upgrading to NX-OS 10.6(4) or higher shield operational mode transitions to **N/A**.

Downgrade: When downgrading to NX-OS 10.6(2) shield will not be removed. User must remove the shield prior to downgrade using nxsecure policy remove method. Refer to [Live Protect Configuration Guide](#).

Verification & Deployment Flow

The following process map outlines the validation path after policy deployment:



Verification Details

Policy Status

Use the following command to confirm the shield is in enforce mode:

```
switch# show nxsecure policy status
```

Id		Name		Package		Original	
Override	Current		Hits				
lp00037	cve-mpls-oam-rce	lp00037-10.6.3-v1.lps	enforce	none	enforce	1	

Shield Log Output

To inspect the hit events use:

```
switch# show nxsecure log lp00037
```

Policy Id : lp00037

Policy Name : cve-mpls-oam-rce

Policy Severity : CRITICAL

Policy Event : Hit for CVE-2026-76465: Cisco Nexus 3000 and 9000 Series Switches MPLS OAM Remote Code Execution Vulnerability

Policy Event History(last 20 events):

SNo	Time	Mode	Process
1	2026 Sep 29 07:42:23	enforce	/isan/bin/routing-sw/mpls_oam

Shield Syslog

A syslog is received for every hit:

Syslog:

```
2026 Sep 29 15:30:47 switch %APPMGR-2-NXSECURE_CRIT_THREAT: Shield ID: lp00037,  
Mode: enforce, Msg : Hit for CVE-2026-76465: Cisco Nexus 3000 and 9000 Series  
Switches MPLS OAM Remote Code Execution Vulnerability
```

Reference

For detailed installation steps about Live Protect for Cisco NX-OS Software, see [Cisco Nexus 9000 Series NX-OS Security Configuration Guide](#).

Documentation Feedback

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