

Release Notes for NX-OS Live Protect Shield

CVE-2026-76471 - Cisco NX-OS Software NX-API Remote Code Execution Vulnerability

Live Protect Shield

Cisco has released Live Protect shield for [CVE-2026-76471](#) 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 NX-API feature of Cisco NX-OS Software 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-napi-rce-r2shwu2j>

Attribute	Details
CVE ID	CVE-2026-76471
Shield ID	lp00074
Reference bug (IDs)	CSCwu46199
Shield File	lp00074-10.6.3-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-C9364C-GX1
- N9K-C9348GC-FX3PH
- N9K-C9348GC-FX3
- N9K-C93400LD-H1
- N9K-C9336C-FX2-E
- N9K-9336C-SE1
- N9K-C9316D-GX
- N9K-C9336C
- N9K-C93600CD-GX
- N9396T12C-SE1
- N9324C-SE1U
- N9348Y2C6D-SE1U
- N9396Y12C-SE1
- N9348Y12C-SE1
- N9364E-SG2-O
- N9364E-SG2-Q
- N9336C-SE

- **Access:** SSH, Telnet, or NXAPI access required for shield deployment.

Supported Release(s)

Cisco NX-OS Release 10.6(3)

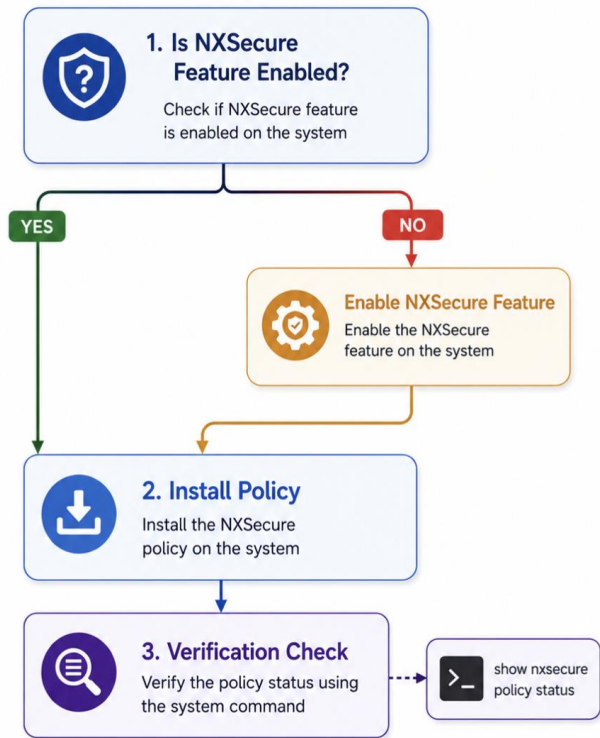
Shield behavior during Upgrade and Downgrade

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
lp00074	cve-nxapi-rce	lp00074-10.6.3-v1.lps	enforce	none	enforce	1

Shield Log Output

To inspect the hit events, use:

```
switch# show nxsecure log lp00074
```

```
Policy Id      : lp00074
Policy Name    : cve-nxapi-rce
Policy Severity : CRITICAL
Policy Event   : Hit for CVE-2026-76471: Cisco NX-OS Software NX-API
                 Remote Code Execution Vulnerability
Policy Event History(last 20 events):
```

	SNo	Time	Mode	Process
1		2026 Sep 29 06:52:16	enforce	/usr/sbin/nginx

Shield Syslog

A syslog is received for every hit:

Syslog:

```
2026 Sep 29 15:35:42 switch %APPMGR-2-NXSECURE_CRIT_THREAT: Shield ID:
lp00074, Mode: enforce, Msg : Hit for CVE-2026-76471: Cisco NX-OS Software NX-
API 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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