Date: September 9, 2026

Revision	Date	Changes
1.0	September 9, 2026	Initial release

The CVE-ID tracking this issue: CVE-2026-73454
CVSSv3.1 Base Score: 8.1 (CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:N)
CVSSv4.0 Base Score: 8.6
(CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:N/SC:N/SI:N/SA:N)
Common Weakness Enumeration: CWE-77: Improper Neutralization of Special Elements used in a Command ('Command Injection')
This vulnerability is being tracked by BUG 1602633

Description

On affected platforms running Arista EOS with gRPC Network Security Interface (gNSI) Credentialz configured, a specially crafted request can cause unintended modifications to the target account's properties. This may result in the account being assigned elevated privileges or access beyond what an administrator intended.

This issue was discovered internally by Arista and the company is not aware of any malicious uses of this issue in customer networks.

Vulnerability Assessment

Platform and Software Applicability Note

To determine actual exposure, operators should first check their software versions against the "Affected Software" list below. If your software release is not listed, your deployment is not vulnerable, regardless of the hardware platform in use.

Affected Software

EOS Versions

- 4.36.0.1F and below releases in the 4.36.x train
- 4.35.5M and below releases in the 4.35.x train
- 4.34.7M and below releases in the 4.34.x train
- 4.33.8M and below releases in the 4.33.x train
- All releases in 4.32.x, 4.31.x and 4.30.x trains

Affected Platforms

The following products **are** affected by this vulnerability:

- Arista EOS-based products:
  - 710 Series
  - 720D Series
  - 720XP/722XPM Series
  - 750X Series
  - 7010TX Series
  - 7020R/R4 Series
  - 7130 Series running EOS
  - 7170 Series
  - 7050X3/X4 Series
  - 7060X/X2/X4/X5/X6 Series
  - 7260X/X3 Series
  - 7280R/R2/R3/R4 Series
  - 7300X/X3 Series
  - 7320X Series
  - 7358X4 Series
  - 7368X4 Series
  - 7388X5 Series
  - 7500R/R2/R3 Series
  - 7800R3/R4 Series
  - 7700R4 Series
  - AWE 5000 Series
  - AWE 7200R Series
  - CloudEOS
  - cEOS-lab
  - vEOS-lab
  - CloudVision eXchange, virtual or physical appliance

The following product versions and platforms **are not** affected by this vulnerability:

- Arista Wireless Access Points
- CloudVision CUE, virtual appliance or physical appliance
- CloudVision CUE cloud service delivery
- CloudVision Portal, virtual appliance or physical appliance
- CloudVision Appliance Software
- CloudVision as-a-Service
- CloudVision AGNI - Cloud service delivery
- CloudVision AGNI - Virtual or physical appliance
- Arista 7130 Systems running MOS
- Arista Converged Cloud Fabric (formerly Big Switch BCF)
- DANZ Monitoring Fabric (DMF) - Controller Appliance
- DANZ Monitoring Fabric (DMF) - Analytics Node Appliance
- DANZ Monitoring Fabric (DMF) - Recorder Node Appliance
- DANZ Monitoring Fabric (DMF) - Service Node Appliance
- Arista Multi Cloud Director (formerly Big Switch MCD)
- Arista Network Detection and Response (NDR) Security Platform (Formerly Awake

NDR)
- Arista Edge Threat Management - Arista NG Firewall and Arista Micro Edge (Formerly Untangle)
- Arista NetVisor OS, Arista NetVisor UNUM, and Insight Analytics (Formerly Pluribus)
- VeloCloud Orchestrator (Formerly VeloCloud Orchestrator by Broadcom)
- VeloCloud Gateway (Formerly VeloCloud Gateway by Broadcom)
- VeloCloud Edge (Formerly VeloCloud Edge by Broadcom)

Required Configuration for Exploitation

In order to be vulnerable to CVE-2026-73454, the following condition must be met:

gNSI Credentialz must be enabled (Note: gNSI Credentialz is disabled by default):

```
switch(config)#show management api gnsi
Transport: default
Transport enabled: yes
Server: running on port 6030, in default VRF

Acctz enabled: no
Attestz enabled: no
Authz enabled: no
Certz enabled: no
Credentialz enabled: yes
Enrollz enabled: no
Pathz enabled: no
```

If Credentialz is not enabled there is no exposure to this issue and the message will look something like:

```
switch(config)#show management api gnsi
Transport: def
Transport enabled: yes
Server: running on port 6030, in default VRF

Acctz enabled: no
Attestz enabled: no
Authz enabled: no
Certz enabled: no
Credentialz enabled: no
Enrollz enabled: no
Pathz enabled: no
```

Indicators of Compromise

Exploitation of this vulnerability would result in user account properties (role, privilege level, or shell) being modified. Accounts with unexpected role, privilege, or shell settings can be identified by inspecting the running configuration:

```
show running-config | section username
```

Any account whose role, privilege level, or shell does not match expected configuration may indicate exploitation.

Note: the absence of these indicators does not rule out exploitation.

Mitigation

The workaround is to disable gNSI Credentialz service. Note: Disabling Credentialz prevents gNSI-based credential rotation (SSH keys, passwords, host parameters) but does not affect traditional EOS CLI credential management. Credentialz is not enabled by default.

```
switch(config)#management api gnsi
switch(config-mgmt-api-gnsi)#no service credentialz
```

Resolution

The recommended resolution is to upgrade to a remediated software version at your earliest convenience. Arista recommends customers move to the latest version of each release that contains all the fixes listed below. For more information about upgrading see EOS User Manual: Upgrades and Downgrades

CVE-2026-73454 has been fixed in the following releases:

- 4.36.1F and later releases in the 4.36.x train
- 4.35.6M and later releases in the 4.35.x train
- 4.34.7.1M and later releases in the 4.34.x train
- 4.33.9M and later releases in the 4.33.x train

Hotfix

No hotfix is available for this issue.

For More Information

If you require further assistance, or if you have any further questions regarding this security notice, please contact the Arista Networks Technical Assistance Center (TAC) by one of the following methods:

Open a Service Request

Contact information needed to open a new service request may be found at:
https://www.arista.com/en/support/customer-support