



CVE-2020-3394

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CVE-2020-3394 - advisory for cisco-sa-n3n9k-priv-escal-3QhXJBC

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H



Certain versions of **Nexus 3016** from **Cisco** contain the following vulnerability:

A vulnerability in the Enable Secret feature of Cisco Nexus 3000 Series Switches and Cisco Nexus 9000 Series Switches in standalone NX-OS mode could allow an authenticated, local attacker to issue the enable command and get full administrative privileges. To exploit this vulnerability, the attacker would need to have valid credentials for the

affected device. The vulnerability is due to a logic error in the implementation of the enable command. An attacker could exploit this vulnerability by logging in to the device and issuing the enable command. A successful exploit could allow the attacker to gain full administrative privileges without using the enable password. Note: The Enable Secret feature is disabled by default.

CVE-2020-3394 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **HIGH** severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

Affected Vendor/Software: [Cisco](#) - **Cisco NX-OS Software** version n/a

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE

Confidentiality Impact	Integrity Impact	Availability Impact				
COMPLETE	COMPLETE	COMPLETE				
CVE References						
Description	Tags	Link				
Cisco Nexus 3000 and 9000 Series Switches Privilege Escalation Vulnerability	Vendor Advisory tools.cisco.com text/html	 CISCO 20200826 Cisco Nexus 3000 and 9000 Series Switches Privilege Escalation Vulnerability				
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There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Cisco	Nexus 3016	-	All	All	All
Hardware 	Cisco	Nexus 3016	-	All	All	All
Hardware 	Cisco	Nexus 3048	-	All	All	All
Hardware 	Cisco	Nexus 3048	-	All	All	All
Hardware 	Cisco	Nexus 3064	-	All	All	All
Hardware 	Cisco	Nexus 3064	-	All	All	All
Hardware 	Cisco	Nexus 3064-t	-	All	All	All
Hardware 	Cisco	Nexus 3064-t	-	All	All	All
Hardware 	Cisco	Nexus 31108pc-v	-	All	All	All
Hardware 	Cisco	Nexus 31108pc-v	-	All	All	All
Hardware 	Cisco	Nexus 31108tc-v	-	All	All	All
Hardware 	Cisco	Nexus 31108tc-v	-	All	All	All
Hardware 	Cisco	Nexus 31128pq	-	All	All	All
Hardware 	Cisco	Nexus 31128pq	-	All	All	All
Hardware 	Cisco	Nexus 3132c-z	-	All	All	All
Hardware 	Cisco	Nexus 3132c-z	-	All	All	All
Hardware 	Cisco	Nexus 3132q	-	All	All	All
Hardware 	Cisco	Nexus 3132q	-	All	All	All

Hardware  	Cisco	Nexus 3132q-v	-	All	All	All
Hardware  	Cisco	Nexus 3132q-v	-	All	All	All
Hardware  	Cisco	Nexus 3132q-xl	-	All	All	All
Hardware  	Cisco	Nexus 3132q-xl	-	All	All	All
Hardware  	Cisco	Nexus 3164q	-	All	All	All
Hardware  	Cisco	Nexus 3164q	-	All	All	All
Hardware  	Cisco	Nexus 3172	-	All	All	All
Hardware  	Cisco	Nexus 3172	-	All	All	All
Hardware  	Cisco	Nexus 3172pq-xl	-	All	All	All
Hardware  	Cisco	Nexus 3172pq-xl	-	All	All	All
Hardware  	Cisco	Nexus 3172tq	-	All	All	All
Hardware  	Cisco	Nexus 3172tq	-	All	All	All
Hardware  	Cisco	Nexus 3172tq-32t	-	All	All	All
Hardware  	Cisco	Nexus 3172tq-32t	-	All	All	All
Hardware  	Cisco	Nexus 3172tq-xl	-	All	All	All
Hardware  	Cisco	Nexus 3172tq-xl	-	All	All	All
Hardware  	Cisco	Nexus 3232c	-	All	All	All
Hardware  	Cisco	Nexus 3232c	-	All	All	All
Hardware  	Cisco	Nexus 3264c-e	-	All	All	All
Hardware  	Cisco	Nexus 3264c-e	-	All	All	All
Hardware  	Cisco	Nexus 3264q	-	All	All	All
Hardware  	Cisco	Nexus 3264q	-	All	All	All
Hardware  	Cisco	Nexus 3408-s	-	All	All	All
Hardware  	Cisco	Nexus 3408-s	-	All	All	All
Hardware  	Cisco	Nexus 34180yc	-	All	All	All
Hardware  	Cisco	Nexus 34180yc	-	All	All	All
Hardware  	Cisco	Nexus 3432d-s	-	All	All	All
Hardware  	Cisco	Nexus 3432d-s	-	All	All	All
Hardware  	Cisco	Nexus 3464c	-	All	All	All
Hardware  	Cisco	Nexus 3464c	-	All	All	All
Hardware  	Cisco	Nexus 3524	-	All	All	All

Hardware 	Cisco	Nexus 3524	-	All	All	All
Hardware 	Cisco	Nexus 3524-x	-	All	All	All
Hardware 	Cisco	Nexus 3524-x	-	All	All	All
Hardware 	Cisco	Nexus 3524-xl	-	All	All	All
Hardware 	Cisco	Nexus 3524-xl	-	All	All	All
Hardware 	Cisco	Nexus 3548	-	All	All	All
Hardware 	Cisco	Nexus 3548	-	All	All	All
Hardware 	Cisco	Nexus 3548-x	-	All	All	All
Hardware 	Cisco	Nexus 3548-x	-	All	All	All
Hardware 	Cisco	Nexus 3548-xl	-	All	All	All
Hardware 	Cisco	Nexus 3548-xl	-	All	All	All
Hardware 	Cisco	Nexus 36180yc-r	-	All	All	All
Hardware 	Cisco	Nexus 36180yc-r	-	All	All	All
Hardware 	Cisco	Nexus 3636c-r	-	All	All	All
Hardware 	Cisco	Nexus 3636c-r	-	All	All	All
Hardware 	Cisco	Nexus 9000v	-	All	All	All
Hardware 	Cisco	Nexus 9000v	-	All	All	All
Hardware 	Cisco	Nexus 92160yc-x	-	All	All	All
Hardware 	Cisco	Nexus 92160yc-x	-	All	All	All
Hardware 	Cisco	Nexus 92300yc	-	All	All	All
Hardware 	Cisco	Nexus 92300yc	-	All	All	All
Hardware 	Cisco	Nexus 92304qc	-	All	All	All
Hardware 	Cisco	Nexus 92304qc	-	All	All	All
Hardware 	Cisco	Nexus 92348gc-x	-	All	All	All
Hardware 	Cisco	Nexus 92348gc-x	-	All	All	All
Hardware 	Cisco	Nexus 9236c	-	All	All	All
Hardware 	Cisco	Nexus 9236c	-	All	All	All
Hardware 	Cisco	Nexus 9272q	-	All	All	All
Hardware 	Cisco	Nexus 9272q	-	All	All	All
Hardware 	Cisco	Nexus 93108tc-ex	-	All	All	All
Hardware 	Cisco	Nexus 93108tc-ex	-	All	All	All

Hardware 	Cisco	Nexus 93108tc-fx	-	All	All	All
Hardware 	Cisco	Nexus 93108tc-fx	-	All	All	All
Hardware 	Cisco	Nexus 93120tx	-	All	All	All
Hardware 	Cisco	Nexus 93120tx	-	All	All	All
Hardware 	Cisco	Nexus 93128tx	-	All	All	All
Hardware 	Cisco	Nexus 93128tx	-	All	All	All
Hardware 	Cisco	Nexus 93180lc-ex	-	All	All	All
Hardware 	Cisco	Nexus 93180lc-ex	-	All	All	All
Hardware 	Cisco	Nexus 93180yc-ex	-	All	All	All
Hardware 	Cisco	Nexus 93180yc-ex	-	All	All	All
Hardware 	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware 	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware 	Cisco	Nexus 93216tc-fx2	-	All	All	All
Hardware 	Cisco	Nexus 93216tc-fx2	-	All	All	All
Hardware 	Cisco	Nexus 93240yc-fx2	-	All	All	All
Hardware 	Cisco	Nexus 93240yc-fx2	-	All	All	All
Hardware 	Cisco	Nexus 9332c	-	All	All	All
Hardware 	Cisco	Nexus 9332c	-	All	All	All
Hardware 	Cisco	Nexus 9332pq	-	All	All	All
Hardware 	Cisco	Nexus 9332pq	-	All	All	All
Hardware 	Cisco	Nexus 93360yc-fx2	-	All	All	All
Hardware 	Cisco	Nexus 93360yc-fx2	-	All	All	All
Hardware 	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware 	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware 	Cisco	Nexus 9336pq Aci Spine	-	All	All	All
Hardware 	Cisco	Nexus 9336pq Aci Spine	-	All	All	All
Hardware 	Cisco	Nexus 9348gc-fxp	-	All	All	All
Hardware 	Cisco	Nexus 9348gc-fxp	-	All	All	All
Hardware 	Cisco	Nexus 9364c	-	All	All	All
Hardware 	Cisco	Nexus 9364c	-	All	All	All
Hardware 	Cisco	Nexus 9372px	-	All	All	All
Hardware 	Cisco	Nexus 9372px	-	All	All	All

Hardware		Cisco	Nexus 9372px	-	All	All	All
Hardware		Cisco	Nexus 9372px-e	-	All	All	All
Hardware		Cisco	Nexus 9372px-e	-	All	All	All
Hardware		Cisco	Nexus 9372tx	-	All	All	All
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Hardware		Cisco	Nexus 9372tx-e	-	All	All	All
Hardware		Cisco	Nexus 9396px	-	All	All	All
Hardware		Cisco	Nexus 9396px	-	All	All	All
Hardware		Cisco	Nexus 9396tx	-	All	All	All
Hardware		Cisco	Nexus 9396tx	-	All	All	All
Hardware		Cisco	Nexus 9504	-	All	All	All
Hardware		Cisco	Nexus 9504	-	All	All	All
Hardware		Cisco	Nexus 9508	-	All	All	All
Hardware		Cisco	Nexus 9508	-	All	All	All
Hardware		Cisco	Nexus 9516	-	All	All	All
Hardware		Cisco	Nexus 9516	-	All	All	All
Operating System		Cisco	Nx-os	-	All	All	All
Operating System		Cisco	Nx-os	-	All	All	All
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cpe:2.3:h:cisco:nexus_9332c:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9332c:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9332pq:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9332pq:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_93360yc-fx2:-:~::~~::~~::~~::~~::~~::~~:::
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cpe:2.3:h:cisco:nexus_9364c:-:~::~~::~~::~~::~~::~~::~~:::
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cpe:2.3:h:cisco:nexus_9372px-e:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9372px-e:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9372tx:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9372tx:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9372tx-e:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9372tx-e:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9396px:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9396px:-:~::~~::~~::~~::~~::~~::~~:::
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cpe:2.3:h:cisco:nexus_9504:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:cisco:nexus_9508:-:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:h:cisco:nexus_9508:-:*****:
cpe:2.3:h:cisco:nexus_9508:-:*****:
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cpe:2.3:h:cisco:nexus_9516:-:*****:
cpe:2.3:o:cisco:nx-os:-:*****:
cpe:2.3:o:cisco:nx-os:-:*****:

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID→](#)