Date: December 1st, 2016

Version: 1.1

Revision	Date	Changes
1.0	December 1st, 2016	Initial Release
1.1	December 6th, 2016	Impact section of this advisory is updated

Affected Platforms: CloudVision Portal (CVP) only.

Affected Software Version: All CloudVision Portal versions before 2016.1.2.1

The CVE-ID tracking this issue is CVE-2016-9012

CVSS v2 Base Score: 9.0 (AV:N/AC:L/Au:S/C:C/I:C/A:C)

CVSS v3 Base Score: 8.8 (AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H)

Impact: This vulnerability allows a potential attacker with access to the management plane to gain access to the internal configuration mechanisms of CVP and take over the CVP instance.

NOTE: This vulnerability was identified internally by Arista Networks and Arista has not received evidence of this being exploited, as of the date of this update.

BUG174047 tracks this vulnerability. A fix for this issue is available in 2016.1.2.1.

The following log message in the access.log file in /var/log/nginx indicates that this vulnerability was exploited to gain access to the CVP system

[user@cvp15 nginx]# grep "system/console/bundles" access.log

"GET /web/system/console/bundle HTTP/1.1" 401 0 "-" "Mozilla/5.0 (Windows NT 6.3; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/54.0.2840.71 Safari/537.36" "-"

Resolution: It is strongly recommended to upgrade all CloudVision Portal cluster members to version 2016.1.2.1 to address this vulnerability. Please follow the upgrade procedure provided in the CloudVison configuration guide for 2016.1.2.1

Please note that CVP fast upgrade is supported only from 2016.1 (or later) to 2016.1.2.1.

References:

CVE-2016-9012

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