Array Networks Security Advisory:
OpenSSH Vulnerability CVE-2016-6515

Advisory Date: April 13, 2017

Overview

The auth_password function in auth-passwd.c in sshd in OpenSSH before 7.3 does not limit password lengths for password authentication, which allows remote attackers to cause a denial of service (crypt CPU consumption) via a long string.

Reference: CVE-2016-6515 http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2016-6515

Impact

Array Networks AVX Series products are not affected by this vulnerability.

For APV/vAPV, AG/vxAG, and SPX Series products, attackers might exploit this vulnerability to cause the application to enter an infinite loop and consume excessive CPU resources, resulting in denial-of-service conditions.

Workaround

None.

Status

The table lists the affected products, software versions and features. You can use this table to check whether your Array products are affected by this vulnerability.

Product	Affected Versions	Affected Features/Modules
APV/vAPV	ArrayOS APV 8.6.1.22 and earlier versions ArrayOS APV 8.6.0.60 and earlier versions All ArrayOS APV 8.5.0.x versions All ArrayOS APV 8.4.0.x versions	SSH
AG/vxAG	All ArrayOS AG 9.4.0.x versions All ArrayOS AG 9.3.0.x versions	

Product	Affected Versions	Affected Features/Modules
SPX	All ArrayOS SPX 8.4.6.2.x versions	

Solution

For APV/vAPV, AG/vxAG, and SPX series products, new ArrayOS versions will be released to address this vulnerability.

➢ **Available ArrayOS TM/APV Version**

- APV 8.6.1: The solution will be available in the next ArrayOS APV 8.6.1.x release around the end of April 2017.
- APV 8.6: The solution was available in the ArrayOS APV 8.6.0.69 version released on April 11, 2017.
- APV 8.5: There is no plan to include the solution in an ArrayOS APV 8.5.0.x release. It is recommended to upgrade to ArrayOS APV 8.6.0. 69.
- APV 8.4: There is no plan to include the solution in an ArrayOS APV 8.4.0.x release. It is recommended to upgrade to ArrayOS APV 8.6.0. 69.

➢ **Available ArrayOS AG/SPX Version**

- AG 9.4: The solution will be available in the next ArrayOS AG 9.4.0.x release around the end of July 2017.
- AG 9.3: The solution will be available in a future ArrayOS AG 9.3.0.x release.
- SPX 8.4.6.2: The solution will be available in a future ArrayOS SPX 8.4.6.2.x release.