HPE Software Security Update

HPE Virtualization Performance Viewer
CVE-2015-7872

Summary:

The following article enlists the necessary related for the HPE Software Product Virtualization Performance Viewer Virtual Appliance on the CVE-2015-7872.

Topic

CVE-2015-7872 *security vulnerability*

https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-7872

Note: This link provides further information about this issue and lists the products affected.

HPE has investigated the CVE-2015-7872 security vulnerability in relation to HPE Virtualization Performance Viewer Virtual Appliance. This document provides required actions that must be performed to mitigate this vulnerability.

Product name	Affected Supported Versions
HPE Virtualization Performance Viewer	v1.20, v2.0, v2.01, v2.10, v2.20

ACTION: Review all details in instructions provided in this paper to address the vulnerability. HPE SW recommends addressing this information as soon as possible.

Response

Impact on Virtualization Performance Viewer Virtual Appliance

HPE Virtualization Performance Viewer product was found to be vulnerable to the CVE-2015-7872. Affected versions are mentioned above in the table.

The key_gc_unused_keys function in security/keys/gc.c in the Linux kernel through 4.2.6 allows local users to cause a denial of service (OOPS) via crafted keyctl commands. Following are the rpms updated in HPE Cloud Optimizer (new name of vPV) 3.00 Virtual Appliance.

rpm name="kernel" epoch="(none)" version="2.6.32" release="573.12.1.el6" arch="x86_64"
rpm name="kernel-firmware" epoch="(none)" version="2.6.32" release="573.12.1.el6" arch="noarch"
rpm name="kernel-headers" epoch="(none)" version="2.6.32" release="573.12.1.el6" arch="x86_64"

Mitigation Actions

HP recommends that customers update to HPE Cloud Optimizer (new name of vPV) 3.00 Virtual Appliance.

Note: HPE Cloud Optimizer is new name of HPE Virtualization Performance Viewer