

Security Hotfix Release

AOS-HF-COS7-GU1000.HPAT

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OVERVIEW

This document outlines the fixes provided in Hotfix **AOS-HF-COS7-GU1000.HPAT** and steps to apply security hotfix on HySecure gateway. This hotfix can be applied on any version of gateway from 5.2.X.X to 5.3.X.X with or without any patch applied. This is an OS level security Hotfix.

AOS-HF-COS7-GU1000.HPAT

Released on 3rd February 2020

ISSUES FIXED IN HOTFIX AOS-HF-COS7-GU1000.HPAT

UPDATE FOR SUDO

Fixes the latest critical vulnerability (**CVE-2021-3156**) for the "**sudo**" package.

Brief:

Sudo before 1.9.5p2 has a Heap-based Buffer Overflow, allowing privilege escalation to root via "sdoedit -s" and a command-line argument that ends with a single backslash character.

More details:

[NVD - CVE-2021-3156 \(nist.gov\)](https://nvd.nist.gov/vuln/detail/CVE-2021-3156)

[CVE - CVE-2021-3156 \(mitre.org\)](https://cve.mitre.org/cve/2021/3156)

HOW TO APPLY HOTFIX

UPGRADE COMPATIBILITY OF HOTFIX AOS-HF-COS7-GU1000

HySecure Hotfix AOS-HF-COS7-GU1000.HPAT can be applied on any of the HySecure gateway based on HySecure version 5.2 or version5.3 series. There is no dependency on any previous hot fix releases.

HOW TO GET HYSECURE HOTFIX AOS-HF-COS7-GU1000

Download link for HySecure Hotfix AOS-HF-COS7-GU1000:

https://propalmsnetwork-my.sharepoint.com/:u:/g/personal/support_accops_com/EUjWPvYf-oFGkC7hO-nCtCQBW-cKKS6ThDfdoD6gjhLunw?e=hsHgVw

MD5 Checksum of HySecure Hotfix AHS-HF-5230-GU6096:

a5f41c3bd49dafc2379aa450750046ee

Please refer section Appendix A: [Upgrading HySecure cluster gateway](#) for procedure to upgrade **HySecure cluster gateway**.

APPENDIX A: UPGRADING HYSECURE CLUSTER

The section describes the detailed process to apply hotfix on HySecure Cluster having three nodes (Active, Standby and Real Gateway server):

To upgrade HySecure cluster, follow these main steps:

- Upgrade the HySecure real Node
- Upgrade the HySecure standby Cluster Manger Node
- Upgrade the HySecure active Cluster Manger Node

The process to upgrading any of the node is same as described below

Note: Gateway reboot or service restart will not happen upon applying this hotfix.

UPGRADING HYSECURE NODE:

- Login into each HySecure node as security officer with the actual IP address of the node.
Note: Do not connect using Virtual IP Address, use the actual IP address of the node.
- Now go to "Upgrade Firmware" page under "Host Maintenance" Section => Select option **Hotfix or service pack** and upload the HySecure hotfix file.
- It may take 1 minutes or more to upload the hotfix based on network bandwidth between your PC and Gateway.
- Once the hotfix file is uploaded and upgrade is started, the message will be displayed on the browser. In some cases, the message may not come on the management console. Refresh the browser and see if the upgrade has completed.
- After hotfix is applied successfully.
- Go to "Upgrade Firmware" page under "Host Maintenance" Section and click on **View Logs** button to check the hotfix installation logs.

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