

Release Notes

Evaluation is converted to
Subscription and ZeroMQ workers
implementation
Hotfix V6.0.2.8

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OVERVIEW

This document outlines the "Evaluation" is converted to "Subscription" feature and how to apply hotfix on HySecure gateway. It is recommended to apply this hotfix on gateway version 5.2.3.0.

Note: Down time is required while applying this hot fix.

6.0.2.8

Released on 01 April 2020

HOW TO APPLY HOTFIX

UPGRADE COMPATIBILITY OF HOTFIX V6.0.2.8

HySecure Web Login Restriction Hotfix is compatible with upgrades from either of the following HySecure versions only:

1. HySecure V5230 Setup with Security Hotfix V5.2.3.2, V5.2.3.5, V6.0.0.0 and Hotfix V6.0.2.6

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

HOW TO GET HYSECURE WEB LOGIN RESTRICTION HOTFIX

Download the HySecure Hotfix:

https://propalmsnetwork-my.sharepoint.com/:u:/g/personal/support_accops_com/ETqiXz1UivFMumO-XvUGaelBt470pVFTRH9ePO1PLKQwdg?e=h29TwE

MD5 Checksum of HySecure Web login restriction hotfix: **83bd4e20819d899405365afae08f8ed3**

"EVALUATION" IS CONVERTED TO "SUBSCRIPTION"

After apply hotfix HySecure evaluation license becomes subscription license. So, on HySecure management page, license status will be displaying subscription license instead of evaluation license.

UPDATE DATABASE USING ZEROMQ WORKERS

In this hotfix HySecure application access time is updated in the database using ZeroMQ workers. Previous release, application access time is updated in the database directly. So it was affecting HySecure performance also. This ZeroMQ workers will reduce the database load.

After applying this hotfix go to location `"/home/fes"` and edit file called **zeroMQ.conf**. Here there will be tag called **DBWORKERS=1**. Default value of this tag is 1. In case of increase load this **DBWORKERS** tag should be increased.

After edit value in **DBWORKERS** need to restart fes services on HySecure.

In case of HA setup **DBWORKERS** value will be sync in between all cluster nodes.

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

UPGRADING REAL HYSECURE CLUSTER NODE:

1. Connect to Real HySecure Cluster node as Security Officer.

Note: Do not connect using Virtual IP Address, use the actual IP of Real node.

- Login as security officer.
- Now go to "HA enable/disable" page under "High Availability" section and enable maintenance mode.
- 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.

UPGRADING STANDBY HYSECURE CLUSTER MANAGER NODE:

2. Connect to Standby HySecure Cluster Manager node as Security Officer.

Note: Do not connect using Virtual IP Address, use the actual IP of Standby node.

- Login as security officer.

- Now go to "HA enable/disable" page under "High Availability" section and enable maintenance mode.
- 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.

UPGRADING ACTIVE HYSECURE CLUSTER MANAGER NODE:

3. Connect to Active HySecure Cluster Manager node as Security Officer.

Note: Do not connect using Virtual IP Address, use the actual IP of Active node.

- Login as security officer.
- 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.

DISABLING MAINTENANCE MODE IN STANDBY NODE

- Connect to Standby HySecure Cluster Manager node as Security Officer.
- Note: Do not connect using Virtual IP Address, use the actual IP of Standby node.**
- Login as security officer.
 - Now go to "HA enable/disable" page under "High Availability" section and disable maintenance mode.

DISABLING MAINTENANCE MODE IN REAL NODE

- Connect to Real HySecure node as Security Officer.

Note: Do not connect using Virtual IP Address, use the actual IP of real node.

- Login as security officer.
- Now go to "HA enable/disable" page under "High Availability" section and disable maintenance mode.

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