

Release Notes

HySecure Gateway Idle Timeout Hotfix V6.0.2.6

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OVERVIEW

This document outlines the fix of Idle timeout issue 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.

6.0.2.6

Released on 06 April 2020

HOW TO APPLY HOTFIX

UPGRADE COMPATIBILITY OF HOTFIX V6.0.2.6

HySecure Hotfix is compatible with either of the below HySecure gateway setup:

- HySecure Gateway V5.2.3.0 Setup
- HySecure Gateway V5.2.3.0 with Security Hotfix V5.2.3.2 and V5.2.3.5.
- HySecure Gateway V5.2.3.0 with Security Hotfix V5.2.3.2, V5.2.3.5 and V5.2.3.6
- HySecure Gateway V5.2.3.0 with Security Hotfix V5.2.3.2, V5.2.3.5, V6.0.0.0
- HySecure Gateway V5.2.3.0 with Security Hotfix V5.2.3.2, V5.2.3.5, V5.2.3.6 and V6.0.0.0

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

HOW TO GET HYSECURE HOTFIX V6.0.2.6

Download the HySecure Hotfix:

https://propalmsnetwork-my.sharepoint.com/:u:/g/personal/support_accops_com/EcuEIUCBq49KkR7J7_qoyN4BpZph6YMRcObHxHRJ59EVjw?e=8iwceh

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

ISSUES FIXED IN HYSECURE HOTFIX V6.0.2.6

INCLUSION OF SECURITY HOTFIXES:

In this Hotfix V6.0.2.6, we have included below Security Hotfixes:

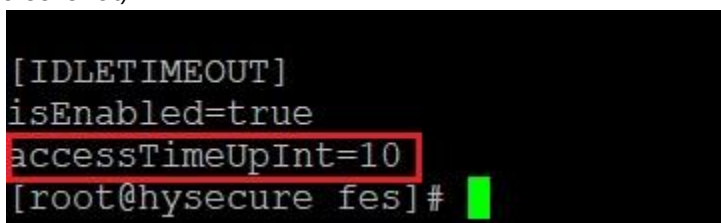
- Accops-HySecure-v5.2.3.2-SECURITY-HF1.hpat
- Accops-HySecure-v5.2.3.5-SECURITY-HF1.hpat
- Accops-HySecure-v5.2.3.6-SECURITY-HF1.hpat
- Accops-HySecure-AXIS_BANK-v6.0.0.0-SECURITY-HOT_FIX_24-07-2019.hpat

IDLE TIMEOUT ISSUE:

In HySecure gateway V5230, if Idle timeout is configured as 30 minutes then in some cases, user session may not logout and remain idle for more than 30 minutes.

In this Hotfix V6.0.2.6, we have fixed this issue. HySecure gateway updates user idle timeout after a specific interval, which is configurable by following below steps:

- Take SSH of HySecure gateway Active node.
- Open local.conf file using command: **vim /home/fes/local.conf**
- Find tag "**accessTimeUpInt**" and set desired value for updating user idle timeout in database. (Refer attached screenshot)



```
[IDLETIMEOUT]
isEnabled=true
accessTimeUpInt=10
[root@hysecure fes]#
```

PREVENT OTP FLOODING ON HYSECURE GATEWAY

In earlier versions of HySecure gateway, there was no restriction for OTP request for following events:

- User login
- Mobile token registration
- Forgot password

In this Hotfix V6.0.2.6, we have provided an option to limit number of OTPs a user can request for a specific time of interval. By default, user can request OTP for 3 times in 10 minutes. If a user requests OTP 3 times and unable to login, user needs to wait for OTP cool off period which is 10 minutes by default.

Command to change default Max OTP request:

alter table OTPsettings modify column MaxOTPSendAttempts int(4) default 5;

Above SQL command will change max OTP attempts to 5.

Command to change OTP send cool off period:

alter table OTPsettings modify column OTPSendCoolDownTime int(4) default 300;

Above SQL command will change OTP send cool off time to 300 seconds.

KNOWN ISSUES IN HYSECURE HOTFIX V6.0.2.6

PROGENERIC CRASHED IN CASE OF HEAVY LOAD:

In case of large number of users, progeneric process may get crashed.

Note: Above known issue is fixed in HySecure Hotfix V6.0.2.8.

IDLE TIMEOUT NOT WORKING WITH HYWORKS APPLICATIONS THROUGH HYSECURE CLIENT

Idle timeout will not work correctly, if user has access to Hyworks application and accessing through HySecure Client. It will work fine with HyLite Portal.

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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