

# Release Notes

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## HySecure Ubuntu Client 5.1.3.5

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## Release Notes Document Revision History

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# OVERVIEW

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This document outlines the new feature / bug fixes / feature enhancement / known issues in the Accops HySecure Linux (Ubuntu) Client 5.1.3.5 Release.

## FEATURE ADDED IN CLIENT 5.1.3.5

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### SUPPORTED IPTABLES SUPPORT IF TURBO HANDSHAKE GETS FAILED:

IPTABLES support is added in this client in case of turbo failure.

### SUPPORTED HIDDEN APPLICATION:

Hidden application support is added in this client.

## ISSUES FIXED IN CLIENT 5.1.3.5:

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### GRAMMER MISTAKE IN SUCCESSFULLY CHANGE PASSWORD PROMPT:

After successfully changing the password from client, password changed prompt comes. It has grammar mistake. This issue has been fixed in client 5.1.3.5.

### FIXED LAUNCHING APPLICATION CONTAINING SUBSTRING OF ANOTHER APPLICATION:

From Client launchpad if we launch a rdp machine, another published rdp machine is getting launched. For ex: Instead of rdp1, rdp2 is getting launched. This issue has been fixed in client 5.1.3.5.

## KNOWN ISSUES IN CLIENT 5.1.3.5:

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### CLIENT V5135 NOT SUPPORTED IN UBUNTU 19 NON-LTS MACHINE:

Client Version 5.1.3.5 is not supported in Ubuntu 19 Non LTS machine.  
Open resolv package is required for turbo and it is not available in ubuntu 19 Non-LTS.

### IN CASE OF TURBO FAILURE SOME APPLICATIONS WILL STOP WORKING SOMETIMES:

If turbo fails, some applications like rdp, vnc will stop working.  
Same behaviour with turbo windows client.

### START ON WINDOWS LOGON FEATURE NOT WORKING

Enable 'Start HySecure Client on Windows logon' from gateway.  
Now after logon into Ubuntu machine, client will not launch automatically.

### HTTPS TYPE APP NOT WORKING IN CASE OF BLOCK INTERNET IN TURBO:

In turbo gateway https type application not works if block internet is enabled.  
This is not client issue.

### GETTING BLACK SCREEN ON CLIENT LAUNCHPAD AFTER LAUNCHING ANY APPLICATION FROM CLIENT ON UBUNTU 16.04 LTS

In Ubuntu 16.04 machine after login into vpn using Ubuntu hysecure client (from 5.1.2.5), black screen comes on client launchpad after launching any application.(application is accessible)



## WHEN LOGIN INTO VPN VIA PRESSING ENTER KEY BROADCAST MESSAGE NOT WORKING

Broadcast message not works when login into vpn using enter key.  
Workaround- use mouse to login. By clicking on login button it works.

## FOR HYSECURE PUBLISHED OVER 443 PORT, ACTIVITY LOGS ARE NOT GENERATING, UAC LOGS EXIST:

If Hysecure Gateway is published over 443 port then activity logs are not generating, but uac logs are generating.

If Hysecure gateway is published on another port (except 443 port) then activity logs are coming

## FEATURE ADDED IN CLIENT 5.1.3.3

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- Turbo support is added for the client.
- CLI support for Hysecure
- Client as a service
- Autologin client on client as a service in CLI
- Force logout
- Idle logout
- Added Mobile Token, PC token, Hardware token for MFA.
- Removed Iptables insertion for L3 and both types of Application tunnel

## TURBO SUPPORT IS ADDED FOR THE CLIENT:

This feature will create the interface named **tur** which will provide the tunnel for transferring packets. The interface can be seen by the command **ifconfig -a**. The configuration can be done while creating applications in the management console under the Tunneling option, the admin needs to select **Enable L3 App Tunneling**

## CLI SUPPORT FOR HYSECURE

To run hysecure using command line interface(CLI) simply type **hysecure** on terminal and user will see help menu. The help menu contains commands which will perform operation and tags which are supported with commands.

## THE SUPPORTED TAGS ARE

<b>Short form of tag</b>	<b>Long form of tag</b>	<b>Meaning of tag</b>
-h	--help	help information on command line arguments
-p	--password	password information on command line arguments
-s	--server	server information on command line arguments
-d	--domain	domain(realm) information on command line arguments
-port	--port	port information on command line arguments
-v	--version	version information on command line arguments
-u	--username	username information on command line arguments

## THE SUPPORTED COMMANDS ARE

Command	Use
login [-u   -p   -s   -d   -port]	to login client
logout	to logout the user
status	to check login status
delete-config	to check login status
autologin	to login automatically(it will use last login credential and only work if config are not deleted)
app	to show assigned user applications
-h	to get help information
-v	to get hysecure client version

### NOTE:

- While providing information in tag use single quote (') if it has special character like @,},# etc.
- Deleting config file with command **delete-config** will prevent **autologin** to work until next login.
- When User is logged in into vpn, user can not execute delete-config command.
- MFA is supported while login.
- The CLI commands can be run from anywhere in terminal.
- Server port can be given in 2 ways.
  1. by -s tag :  
-s 172.28.10.139:6443
  2. by -port tag:  
-port 6443
- If no port is given then by default 443 is used.
- All inputs are case sensitive.

## AUTOLOGIN CLIENT ON CLIENT AS A SERVICE IN CLI:

This feature will automatically login into client when client as a service is set from gateway. It will also work on system reboot. This feature won't work on MFA

## CLIENT AS A SERVICE:

This feature will automatically login the user if user is logged out only due to session expired. If user want to exit from this mode he need to enter client exit password at the time of logout.

To work this feature a set of configuration has to be made, the configuration will be in verinfo.js file.

### CONFIGURATION :

#### VERINFO TAG:

Tag	Value	Action
DISABLEPASSWORDSAVE=	false	It will save the password on the user PC.
DISABLEUSERSAVESAVE=	false	It will save the username on the user PC.
CLIENTEXITPASSWORD=	value	It is the password which is required at logout and will exit service mode.
VPNSERVICE_INSTALL=	true	It will set use hysecure client as a service.

**Note:** Missing any 1 out of 4 configuration will result in denying of this feature.

## ADDED SUPPORT FOR FORCE LOGOUT/ IDLE TIMEOUT:

On force logout or idle timeout user will be logged out from the client but this can be seen when user tried to access any application. But in case of hysecure as a service user will be again logged in.

### NOTE:

- Force logout and Idle timeout doesn't seem to work on turbo gateway.
- Turbo Client requires **resolvconf** package to be installed.  
It can be installed by **sudo apt-get install resolvconf.**  
**OR**  
It will be automatically installed during client installation by **sudo apt install ./<deb-file>**
- Please give 20-30 sec for CLI to execute its operations

## ADDED MOBILE TOKEN, PC TOKEN, HARDWARE TOKEN FOR MFA:

Mobile token, pc token and hardware token support is added in this client.

## REMOVED IPTABLES INSERTION FOR L3 AND BOTH TYPES OF APPLICATION TUNNEL.

Iptables insertion is removed in this client.

## KNOWN ISSUES IN 5.1.3.3:

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### CLIENT V5133 NOT SUPPORTED IN UBUNTU 19 NON-LTS MACHINE:

Client Version 5.1.3.3 is not supported in Ubuntu 19 Non LTS machine.  
Open resolv package is required for turbo and it is not available in ubuntu 19 Non-LTS.

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### HIDDEN APPLICATION NOT SUPPORTED:

Hidden application feature not supported in this client.

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If Hysecure gateway is published on another port (except 443 port) then activity logs are coming.

## FIXED ISSUES IN 5.1.2.5

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### DEVICE DETAIL IS GETTING FETCHED WHEN USER DISABLE COLLECTION OF DEVICE FINGERPRINT DETAILS FROM HYSECURE GATEWAY

In previous version 5124 Device detail is getting fetched when user disable collection of device fingerprint details from hysecure gateway. This issue has been fixed in this release.

### MYDESKTOP AS FILESHARE ICON IS DISPLAYING AS RDP ICON

In previous client MyDesktop as Fileshare icon is displaying as RDP icon. Now it is coming under local applications.

## KNOWN ISSUES IN 5.1.2.5

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If Hysecure gateway is published on another port (except 443 port) then activity logs are coming.

## NEW FEATURES IN 5.1.2.4

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### BROADCAST MESSAGE WARNING

This is the message which is prompt on user's screen when the user clicks on Login button and before being logged in. This message is configured on the gateway in verinfo.js file. The verinfo.js file provides the tags to configure it

### BROADCAST PRE-LOGIN MESSAGE

This is the message which is prompt on user's screen when the user clicks on Login button and before being logged in. This message is configured on the gateway in verinfo.js file. The verinfo.js file provides the tags to configure it.



## BROADCAST POST LOGIN MESSAGE

This is the message which is prompt on user's screen just after the user is logged into the HySecure Linux Client. This message is configured on the gateway in verinfo.js file. The verinfo.js file provides the tags to configure it.

## START ON LINUX OS LOGON

This configuration will launch the client application automatically on Linux login (On system restart, Power On).

## DO NOT ALLOW USER TO REMEMBER USERNAME ON LOCAL DRIVE

In this configuration the username is saved to user PC. The username is saved in user.txt file.

## DO NOT ALLOW USER TO REMEMBER PASSWORD ON LOCAL DRIVE

In this configuration the password is saved to user PC. The password is saved in pass.txt file.

## FEATURE ENHANCEMENT IN 5.1.2.4

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### CHNAGE PASSWORD

User can change password from the client by entering old password, new password, confirm password.

**Note :** The length of password must be greater than 6 characters.

### LOG LEVEL FOR PRINTING SPECIFIC TYPE

In this client print a specific log in uac.log file related to HySecure Linux Client.

## FIXED ISSUES IN 5.1.2.4

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### SPECIAL CHARACTER SUPPORT IN PASSWORD FOR FREERDP

In this client fixed special character support in password for RDP application(freerdp).

### NOT ABLE TO ACCESS NETWORK TYPE (IP RANGE WITH PORT RANGE)

In this client fixed Network type application access issue which is due to Hysecure Gateway IP exist in specified IP range and Port range.

### PUBLISHED OTHER TYPE APPLICATION ICON IS NOT VISIBLE ON HYSECURE CLIENT APPLICATION LAUNCHPAD

In the previous client having issue for published other type application icon is not visible on HySecure Linux client launchpad , which is fixed.

### NOT ABLE TO MINIMIZE OR MAXIMIZE RDP WINDOW

In this client minimize and maximize RDP application window issue has been fixed.

### NETWORK TRACE EXIST IN UAC LOG FILE

Network trace data exist in uac.log file issue has been fixed in this client .

### MYDESKTOP APPLICATION ICON MISSING ON LAUNCHPAD

In this client MyDesktop application icon missing on launchpad issue has been fixed.





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