



GOVERNMENT OF KERALA

No: IT Cell-2/132/2022-ITD
 Electronics & Information Technology (IT Cell) Department
 Thiruvananthapuram,
 Dated:11-10-2022

CIRCULAR

Sub:- E & IT Department – Implementation of Virtual Private Network (VPN) –
 Guidelines issued – reg

The Electronic Workflow Solution '*e-Office*' has been implemented in the State since, 2014. The users are permitted to access e-Office solution through intranet. In some situations, the users have to access the files from outside the intranet. SSL VPN solution or work from home solution which allows remote users to access any internal web applications using just a browser. It provides a simple, seamless way to access e-Office from any devices like Personal Computers, Laptops, mobile devices etc. Such easy access via SSL tunnel and web browser mode will also enable to access to e-Office from remote Villages, Taluks etc. ensuring smooth delivery of e-Governance services.

e-Office and other e-Governance applications can be availed in internet through SSL tunnel and web VPN on MAC, Windows, Ubuntu, IOS, Android etc.

A. Creation of VPN Account

1. A VPN account shall be provided to the user in an organization for accessing e-Office and other e-Governance applications from remote locations, when they are not connected to KSWAN network.
2. Kerala State IT Mission shall provide the VPN account upon request from the users. The format of the request (Single VPN Account and Bulk VPN account) is attached as **Annexure 1**.
3. The request for creation of VPN account should be recommended by the Head of the Department / Institution. The Head of the Department / Institution shall recommend the application for VPN account only after ensuring the necessity of such VPN accounts.
4. The users of Secretariat shall forward the request to itcell@kerala.gov.in and the Line Departments / Institutions to eoffice.ksitm@kerala.gov.in.

B. Deactivation of VPN Accounts

Deactivation of VPN accounts shall be occurred under the following conditions:

1. Any account which is inactive for a period of 30 (Thirty) days shall be deactivated.
The user Id along with the data shall be deactivated from the server after a period of 90 (Ninety) days, if no request for activation is received during the period.
2. The officer retires / resign from Service.
3. The officer is no longer in a position to perform his duties.

A User Manual for installation of VPN solution in the client machine is attached as **Annexure 2**.

ARUN R B
UNDER SECRETARY

Forwarded / By order,

Signed by Binu Kumar N S

Date: 11-10-2022 12:57:40

Asst. Section Officer.

To:

All Heads of Departments
All Heads of Government organizations /Institutions
The Director, Kerala State IT Mission
All Departments in Government Secretariat
The Web & New Media, Information & Public Relations Department
Stock File / Office copy



APPLICATION FOR CREATION OF SINGLE VPN ACCOUNT

Name :

Designation :

Office / Section :

Department :

e-Office Id :

Mobile No :

e-Mail Id :

Signature of the Applicant with Date

Recommended by

*Signature of Head of the Department / Office
with Date & Seal*



APPLICATION FOR CREATION OF BULK VPN ACCOUNT

Name of HoD :

Designation :

Office / Section :

Department :

Mobile No :

e-Mail Id :

Signature of Head of the Department / Institution

with Date & Seal

Enclosure: Details of Officers (in Excel format)

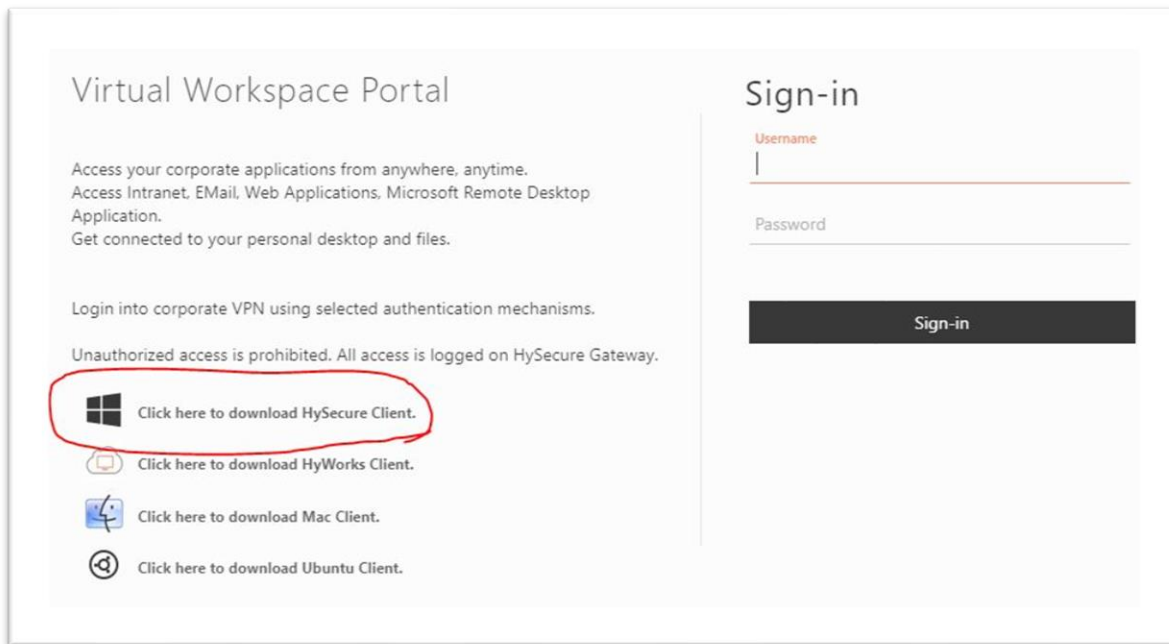
Sl. No	Name	Designation	e-Office Id	Mobile Number	e-Mail Id

Steps for Accops HySecure VPN installation on client Devices

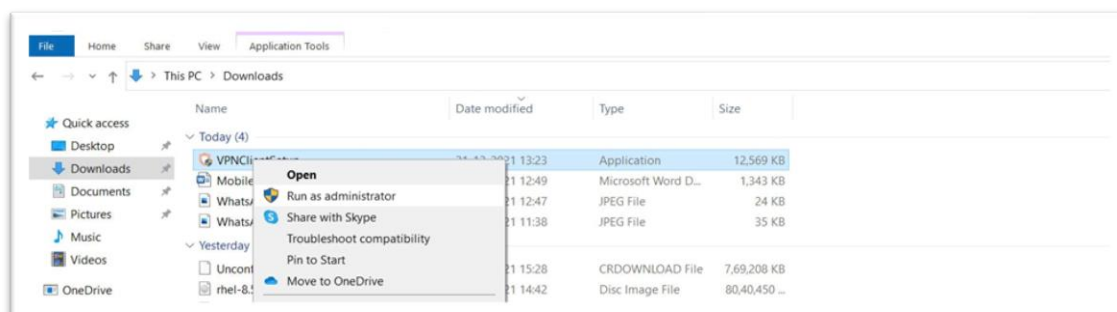
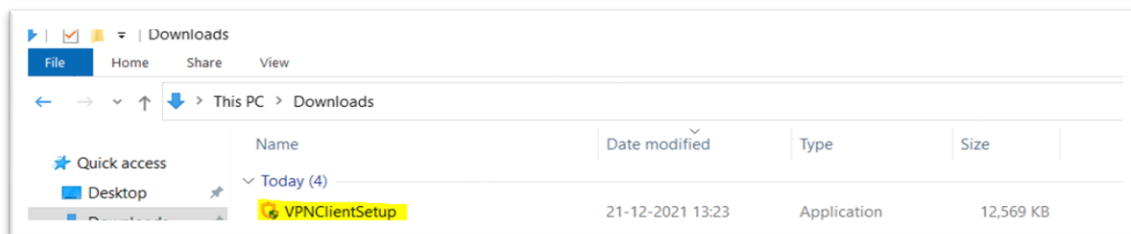
Operating System	Pages
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Ubuntu	7 - 9
Android	10 - 13

Accops HySecure Installation for User login on **Windows OS**

- 1) To download HySecure client for Windows OS, open any browser and type the URL <https://evpn.kerala.gov.in> in the address bar. Then click on the below option to download HySecure client for windows.



- 2) Open file explorer and go to downloads folder. Right click on VPNClientSetup.exe and select "Run as Administrator" and install the HySecure client.



- 3) Now to login using HySecure client go to desktop and click on the icon Accops HySecure client.



- 4) Enter HySecure Server address as 'evpn.kerala.gov.in' and enter your VPN user name and password to login.

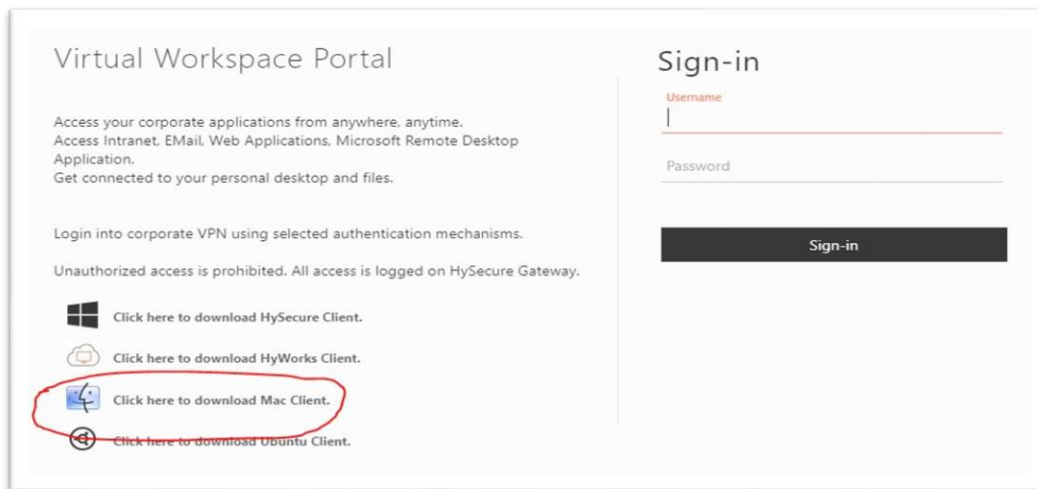
The image shows the Accops HySecure Client login window. The window title is 'Accops HySecure Client'. The main content area has a blue header with the text 'Action' and 'KERALA STATE IT MISSION DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY'. Below this, there is a text box for 'HySecure Server' containing 'evpn.kerala.gov.in'. A message says 'Please login using configured authentication method.' There are two checkboxes: 'Login with a digital certificate' (unchecked) and 'Remember Me' (unchecked). Below these are text boxes for 'Username' and 'Password'. At the bottom, there is a 'Login' button.

- 5) Minimize the Accops HySecure client application and open the Mozilla Firefox browser. Then type the URL <https://esarkar.kerala.gov.in> in the address bar. You will get the login screen of e-Office as shown below:

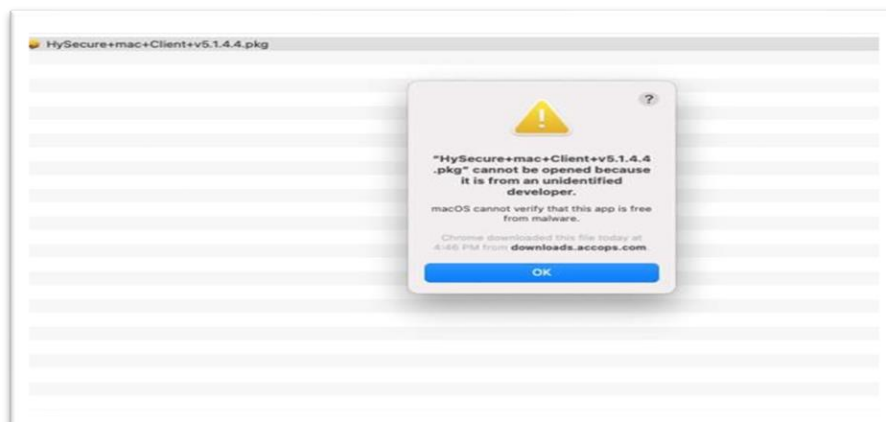


Accops HySecure Installation for User login on **Mac OS**

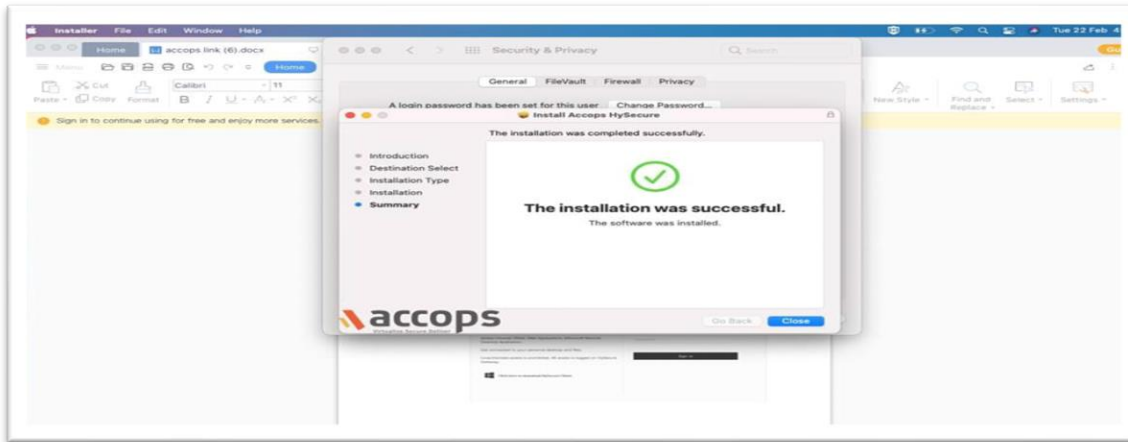
- 1) To download HySecure client for Mac OS, open any browser and type the URL <https://evpn.kerala.gov.in> in the address bar. Then click on below option to download HySecure client for Mac OS.



- 2) After downloading, click on the packager to install.



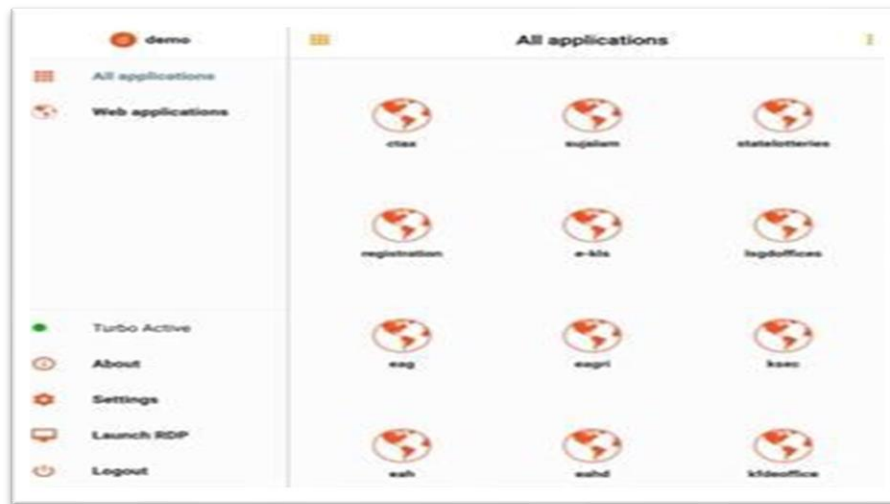
- 3) Give Security permissions to install HySecure, Go to System Preferences → Security → Allow HySecure to install.



- 4) After installing Accops HySecure for Mac, click the 'Go' menu on the top left of the screen → Applications → Accops HySecure Client. Open the Accops HySecure Client Application and enter the Server address 'evpn.kerala.gov.in' and VPN User name and password as shown below;



5) Click on login, following console will be shown.

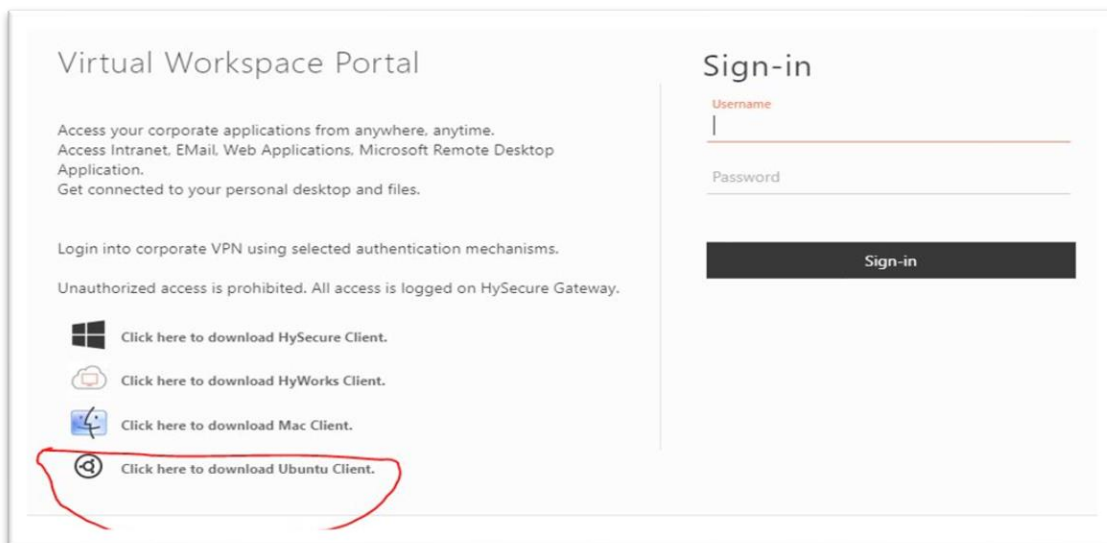


6) Minimize the Accops HySecure client application and open the Mozilla Firefox browser. Then type the URL <https://esarkar.kerala.gov.in> in the address bar. You will get the login screen of e-Office as shown below:

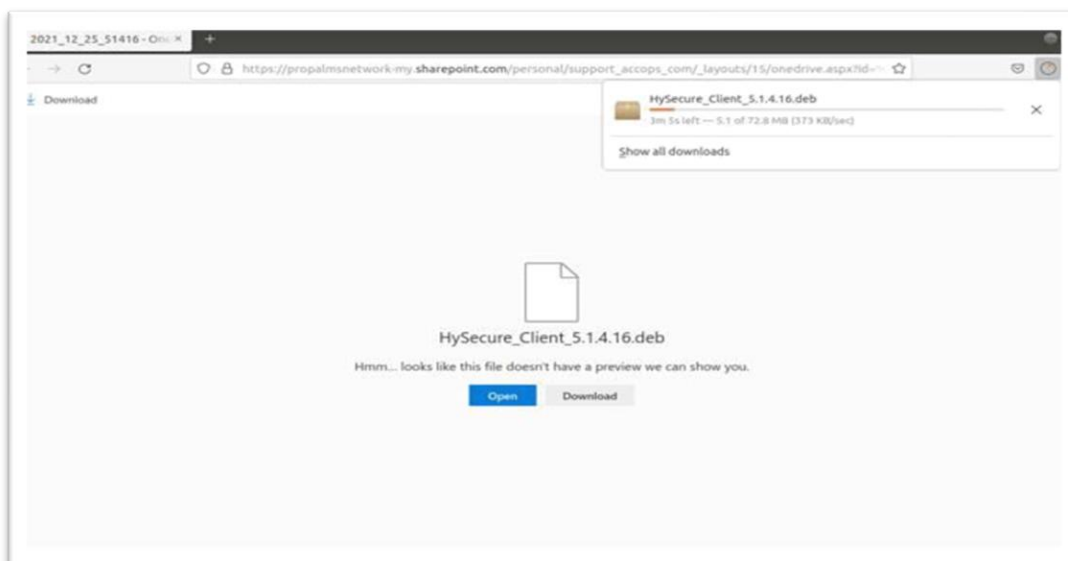


Accops HySecure Installation for User login on **Ubuntu**

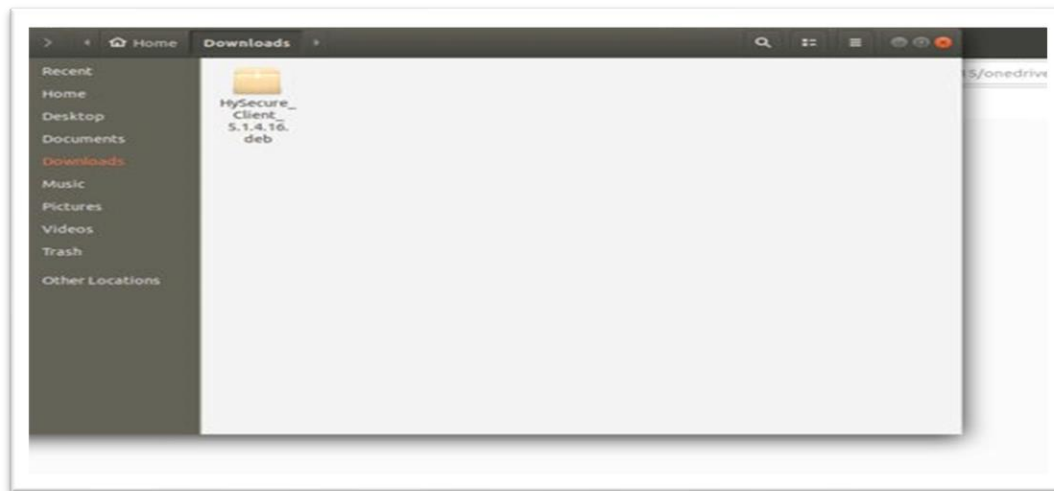
- 1) To download HySecure client for Ubuntu OS (versions 16.04 / 18.04 / 20.04), open any browser and type HySecure server URL <https://evpn.kerala.gov.in> in the address bar. Then click on the below option to download HySecure client for Ubuntu OS



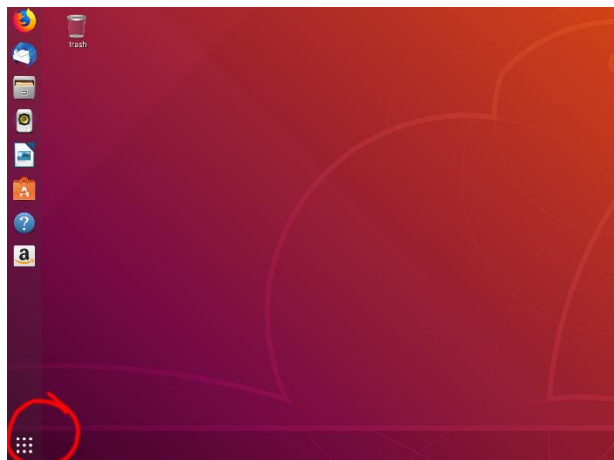
- 2) The packager will be downloaded as shown below;



3) The packager will be downloaded in the “Downloads” folder.



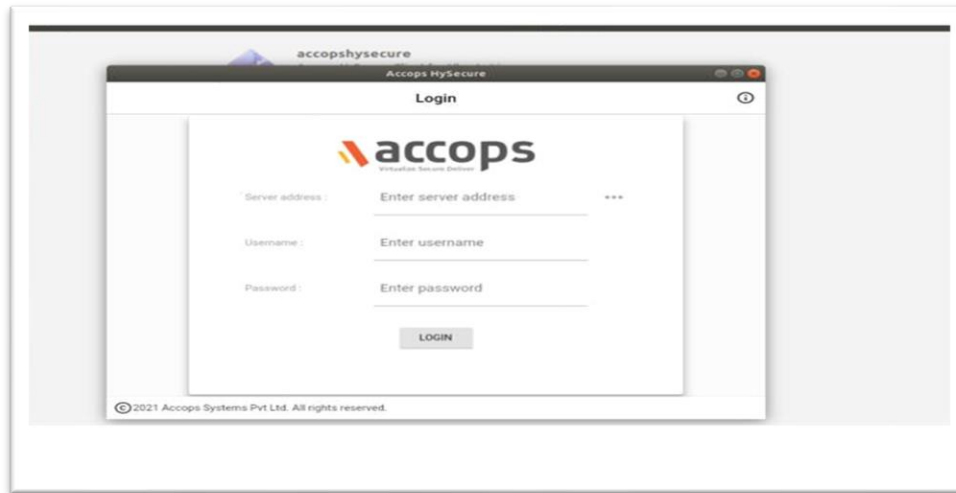
4) Double click the installer package for installing Accops HySecure client. After installation, to view the Accops HySecure icon, go to Applications menu in the Home Screen.



5) Now, search Accops HySecure client, then double click on Accops HySecure icon.



- 6) Enter the Server address as “evpn.kerala.gov.in” and VPN user name and password as shown below;

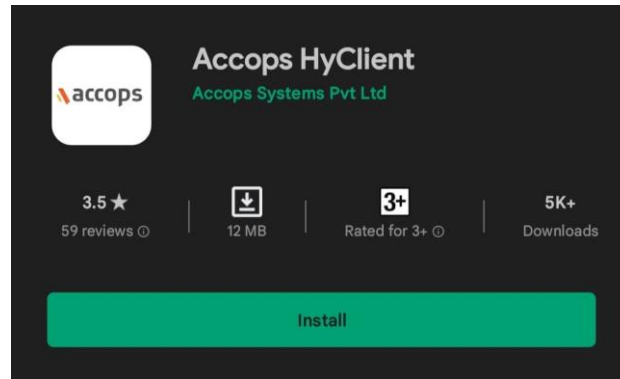


- 7) Open Mozilla Firefox browser and enter the URL <https://esarkar.kerala.gov.in> in the address bar. Then you will get the login screen of e-Office as show below:



ACCOPS HyClient Installation for **ANDROID**

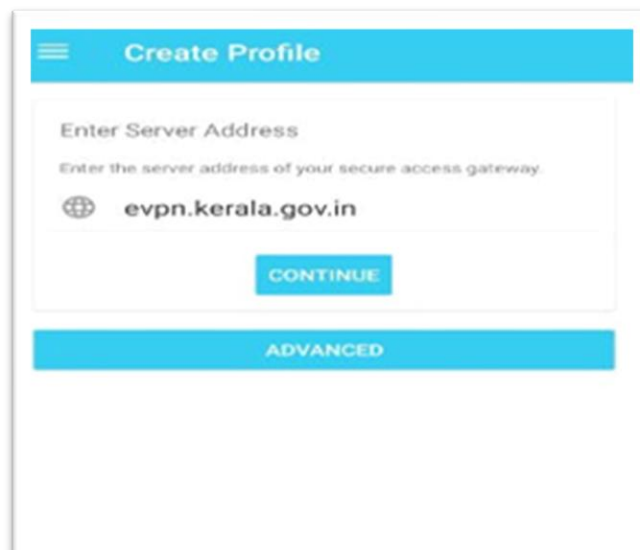
- 1) To Access Accops HyClient for android, install Accops HyClient app from Play Store as shown below.



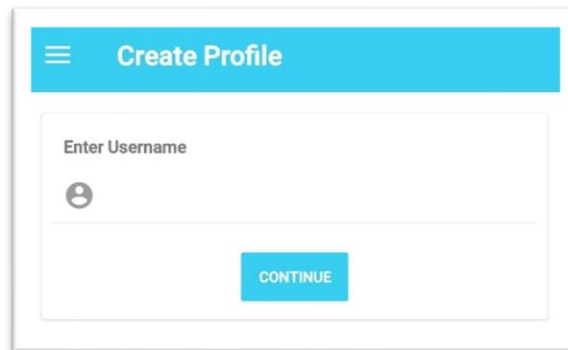
- 2) After installation, the below shown icon will appear on Home screen of the Android Mobile/Tab.



- 3) After installing Accops HySecure for Android , Open the above app and enter the Server address as 'evpn.kerala.gov.in' as shown below.

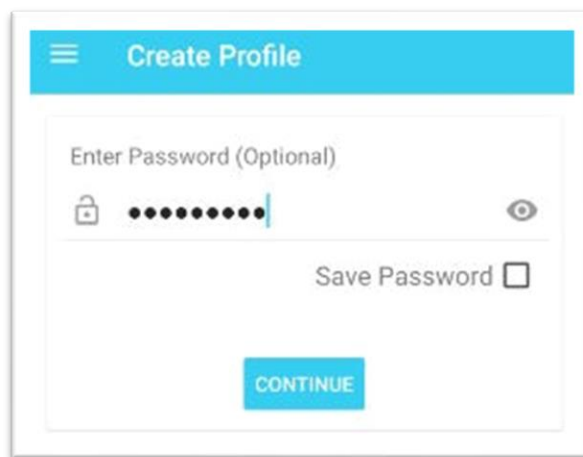


4) After clicking on continue, enter the VPN username.



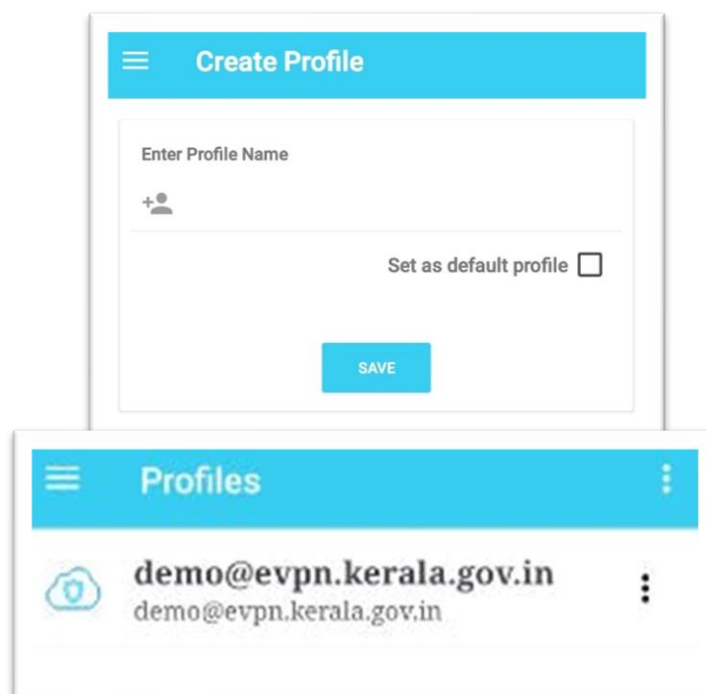
The screenshot shows a mobile application interface with a blue header bar containing a hamburger menu icon and the text "Create Profile". Below the header is a white input field with the placeholder text "Enter Username" and a grey person icon. At the bottom of the screen is a blue button labeled "CONTINUE".

5) Click continue and enter the password which is optional.



The screenshot shows the same "Create Profile" screen. The input field now contains "Enter Password (Optional)" and is filled with black dots. To the right of the input field is a grey eye icon. Below the input field is a "Save Password" checkbox. At the bottom of the screen is a blue button labeled "CONTINUE".

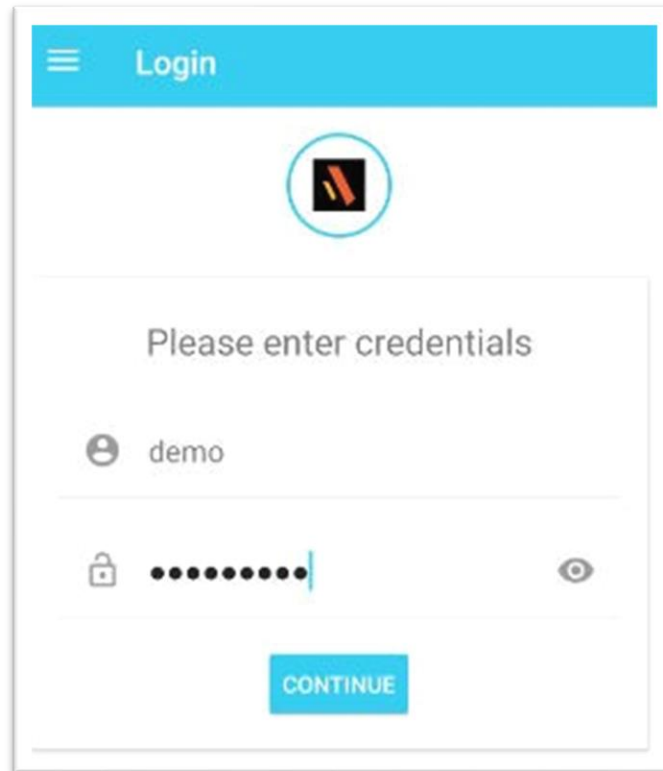
6) A VPN profile will be created after clicking save button.



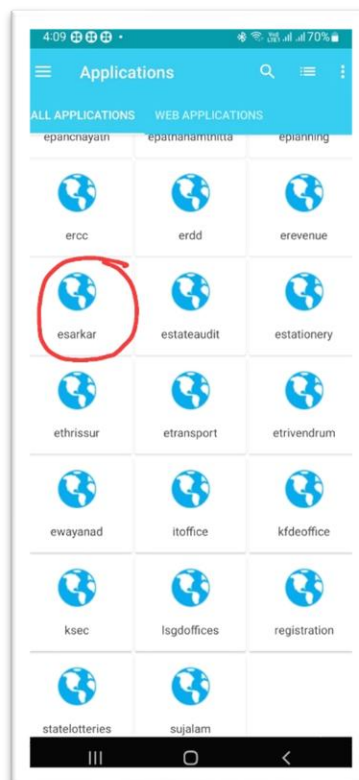
The top screenshot shows the "Create Profile" screen with the input field containing "Enter Profile Name" and a grey person icon with a plus sign. To the right of the input field is a "Set as default profile" checkbox. At the bottom of the screen is a blue button labeled "SAVE".

The bottom screenshot shows the "Profiles" screen. The header bar is blue with a hamburger menu icon, the text "Profiles", and a vertical ellipsis icon. Below the header is a list item for a VPN profile. The list item has a blue cloud icon with a white padlock, the text "demo@evpn.kerala.gov.in" in bold, and "demo@evpn.kerala.gov.in" below it. To the right of the list item is a vertical ellipsis icon.

7) Once a profile is created, click on the profile and enter the VPN Password and click on continue.



8) After clicking continue, user will get the following console.



9) When the user click on [esarkar](#) app, the following login page of e-Office will be displayed.

