

# ESCRA User Documentation

December 2022

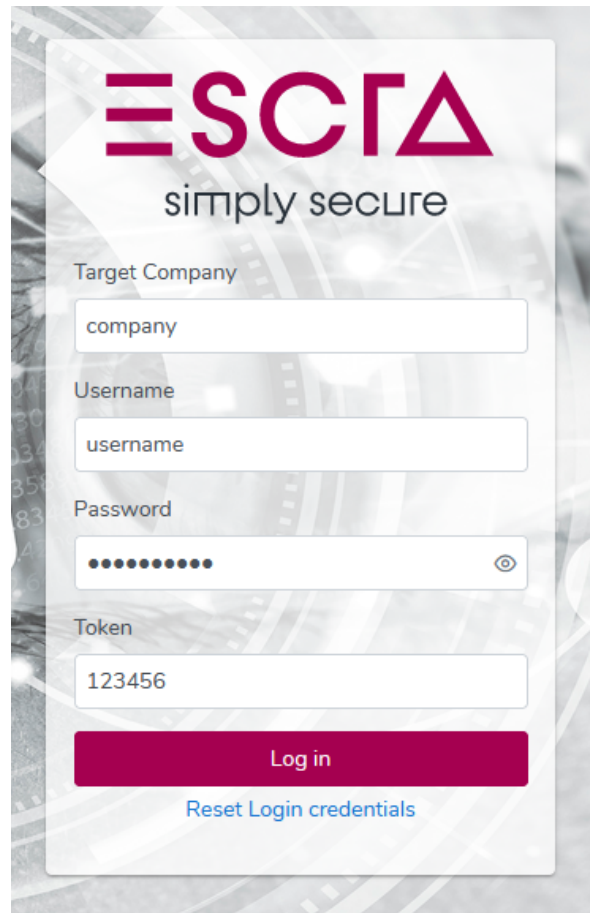
## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Login</b>	<b>2</b>
<b>3</b>	<b>Settings</b>	<b>2</b>
3.1	Change login credentials . . . . .	2
<b>4</b>	<b>Session</b>	<b>2</b>
4.1	Desktop-connection . . . . .	3
4.1.1	Upload . . . . .	3
4.1.2	Download . . . . .	3
4.1.3	Share connection . . . . .	4
4.1.4	Clipboard . . . . .	4
4.2	Tunnel . . . . .	5
<b>5</b>	<b>Report a bug</b>	<b>5</b>

## 1 Introduction

ESCRA is your simple secure access tool for every case. As a user, you will need no installation because you can use it easily with the browser of your choice. This documentation gives you a brief introduction to the functionality of ESCRA.

## 2 Login



The image shows a login form for ESCRA. The form is centered on a light gray background with a faint grid pattern. At the top, the ESCRA logo is displayed in red, with the tagline 'simply secure' below it. The form consists of four input fields: 'Target Company' (containing 'company'), 'Username' (containing 'username'), 'Password' (with masked characters and a visibility icon), and 'Token' (containing '123456'). Below the fields is a red 'Log in' button and a blue link for 'Reset Login credentials'.

Figure 1: Loginpage.

To log in to our target company, call <https://login.escra.de> or directly [https://\[yourcompany\].escra.de](https://[yourcompany].escra.de). Usually you get your login credentials sent by email. Please check your spam folder. You will need to name of your target company, your username, or email and your password. For the “Token” field, you need your Two-Factor-token. You can generate one with your smartphone. Just download a 2FA app like [Google authenticator](#) and scan the QR-Code.

## 3 Settings

### 3.1 Change login credentials

To change your login credentials, password or 2FA-code, click on the dashboard on your username in the top right corner and then on “Security”.

## 4 Session

ESCRA supports all different kind of connections protocols. Protocols like RDP, SSH or VNC displayed in the ESCRA-Webapp. See section [4.1](#) for more Information. For HTTP(S), WS(S) and TCP, ESCRA provides you a Tunnel which you can use to connect to your target. More Infos: [4.2](#).

## 4.1 Desktop-connection

Depend on the settings of the connection you use, ESCRA provides you different tools to create a smooth workspace in the toolbox.

### 4.1.1 Upload

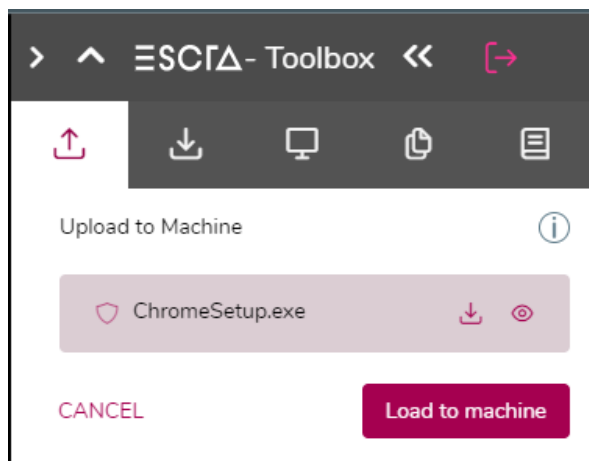


Figure 2: Check the virusreport before you upload your data.

ESCRA offers the possibility to upload files in the ESCRA-toolbox. Before each upload, the files are checked for viruses and the user receives a report based on which he can decide whether he really wants to upload the file to the target system or whether he prefers to consult an admin.

ESCRA uses the Sophoslab service. Sophoslab checks the file with about 70 different virus scanners and returns a detailed virus report. Sophoslab also provides the possibility to have the file smaller than 16 MB scanned dynamically, i.e., Sophoslab not only scans the file for viruses, but also executes it in their safe cloud environment. This usually takes longer.

For large data, ESCRA scans the files using cloud storage security, which also uses SophosLabs but provides a different kind of virus report.

Uploaded files on RDP connection can be found under “This PC” in the “ESCRA\_TRANSFER on ESCRA RDP” folder.

For SSH and VNC connections, the files are sent to the home directory and can be found in the “escra-share” folder.

### 4.1.2 Download

In the ESCRA-toolbox you can find the option “Download”. When you press the download button, you can choose between all files which are in the file-transfer-folder. For the RDP connections, you find this folder under “This PC” and “ESCRA\_TRANSFER on ESCRA RDP”. For ssh and VNC connections, you find this folder in the home directory under “escra-share”. If the file you want to download is somewhere else, you must first copy it to this folder.

### 4.1.3 Share connection

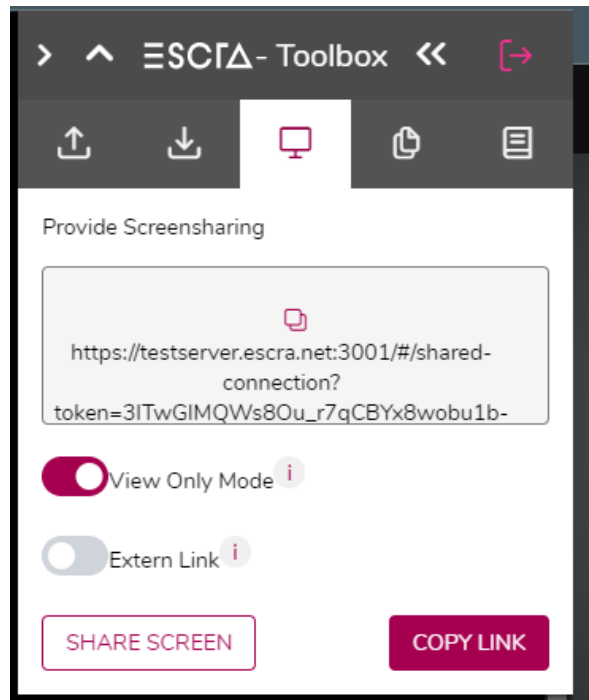


Figure 3: Generate a link and share your session with other people.

Depend on the settings of the connection, you can generate a link with which other people can watch what you are doing or even work together with you. If the other person should only watch, activate “View Only Mode”, if the other person is outside the company network use the “Extern Link” option.

### 4.1.4 Clipboard

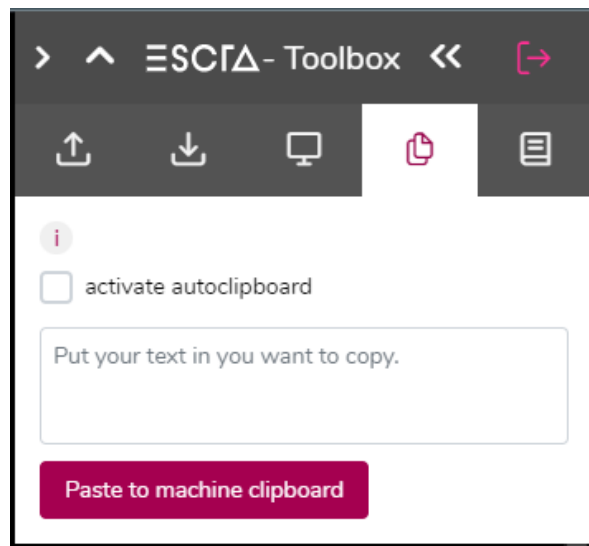


Figure 4: Put in text and copy it to your target clipboard.

The things you copy during his session are automatically on your clipboard, and you can use them out of your ESCRA-session. But if you want to copy something into your active session you need to use

the paste option which you can find in the ESCRA-toolbox. Here, you just need to put your text into the field and press “Paste to machine clipboard”. Now you can work with this text in your session. You can also activate the “activate autoclipboard” button if you don’t want to use the input field always. But be careful, depend on your browser this feature is maybe not supported without further extensions (e.g., Firefox). In addition, you have to allow the webpage to read the clipboard.

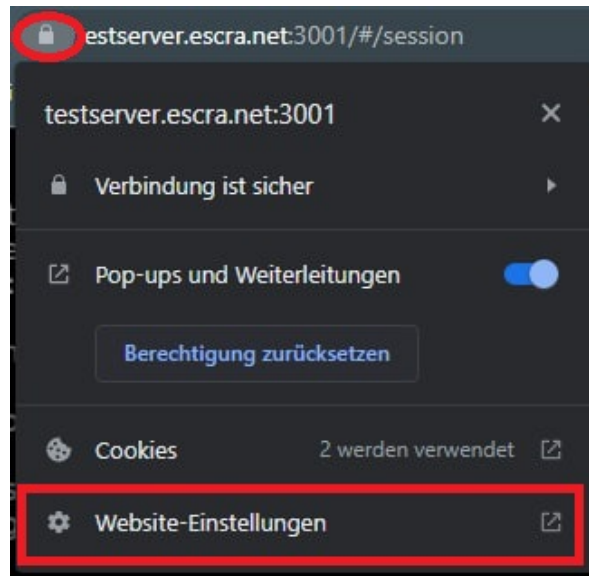


Figure 5: Allow the ESCRA webpage to read your clipboard.

## 4.2 Tunnel

If open a tunnel connection (protocols: HTTP(S), WS(S), TCP) after a few seconds a button with an eye will appear. If you press this button, you get a link which you can use to connect to your target. Remember to close this tunnel again if you are done with your work.

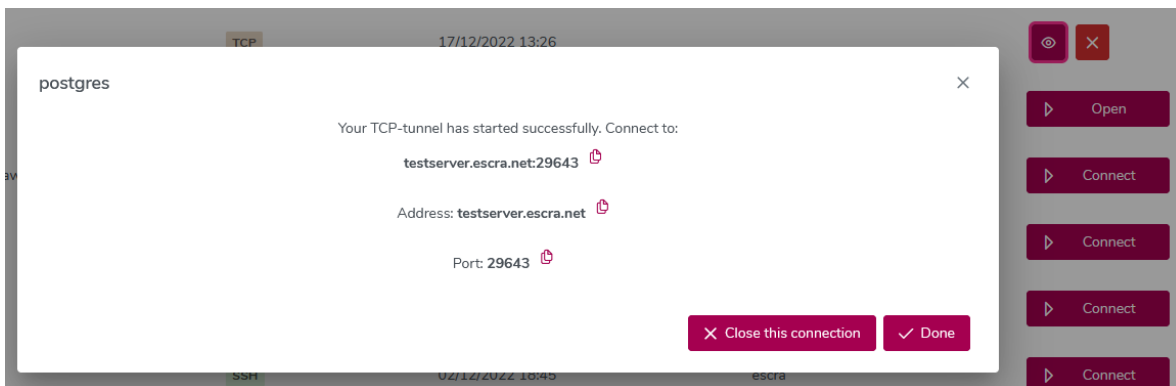


Figure 6: Copy this link and start your work.

## 5 Report a bug

We do our best to provide you ESCRA without problems, despite our comprehensive testing it can happen that you see a bug. If you see a behavior you think is wrong, or you have a suggestion for improvement, we are very grateful if you use the bug-button in the left-bottom corner of the dashboard to inform us.