



# Overview

## Overview

An open-source security log auditing & RDP, VNC, SSH bastion platform:

## Casvisor Features

1. Asset managment: Remote connection via RDP, VNC protocols.
2. Log managment



Assets

# Assets



## Overview

Casvisor Assets Overview



## RDP

Casvisor Assets RDP



## VNC

Casvisor Assets VNC

# Overview

Casvisor helps you to manage assets, and connect to your assets remotely, it currently supports the following protocols:

- RDP
- VNC

In this chapter, you will learn how to start connecting to your assets.

Let's explore together!

# RDP

Casvisor Support Connect to your assets via RDP protocol:

## Rdp connection

### 1. Start Guacamole Server

```
docker run --name guacd -d -p 4822:4822 guacamole/guacd
```

### 2. Add a new asset, set protocol to rdp

The screenshot displays the Casbin web interface. The top navigation bar includes 'casbin', 'Home', 'Records', and 'Assets'. The 'Assets' tab is active, showing a table with columns: Organization, Name, Created time, Description, Protocol, IP, Port, Username, Language, Auto query, Is permanent, Enable Remote App, Remote Apps, Services, and Action. Three assets are listed: 'machine\_2' (vnc, 192.168.1.103, 5900), 'machine\_1' (rdp, 192.168.1.103, 3389), and 'machine\_3' (New Machine - 0, 127.0.0.1, 22). Below the table, the 'Edit Asset' form is shown for 'machine\_1'. The form includes fields for Organization (casbin), Name (machine\_1), Description (Win10\_RDP), Protocol (rdp), IP (192.168.1.103), Port (3389), Username (111), Password (123456), Language (zh), Auto query (off), Is Permanent (off), and Enable Remote App (on). The 'Remote Apps' section shows a table with columns: No., Remote App, Remote App Dir, Remote App Args, and Action. The 'Services' section shows a table with columns: No., Name, Path, Port, Process ID, Expected status, Status, Message, and Action. The 'Save' button is at the bottom.

Organization	Name	Created time	Description	Protocol	IP	Port	Username	Language	Auto query	Is permanent	Enable Remote App	Remote Apps	Services	Action
casbin	machine_2	2023-09-16 16:43:49	Win10_VNC	vnc	192.168.1.103	5900	Administrator	zh	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 / 0	0 / 0	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>
casbin	machine_1	2023-09-30 23:12:40	Win10_RDP	rdp	192.168.1.103	3389	111	zh	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1 / 1	0 / 1	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>
casbin	machine_3	2023-09-30 10:15:00	New Machine - 0						<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 / 0	0 / 0	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>

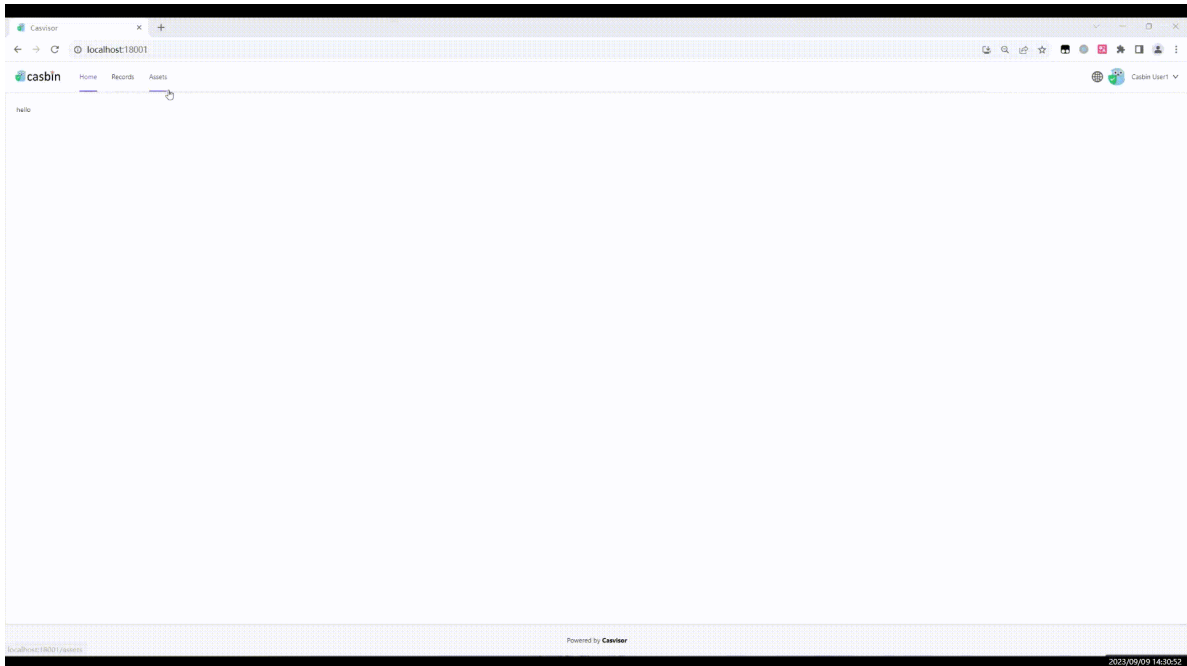
  

No.	Remote App	Remote App Dir	Remote App Args	Action
0	cmd	C:\Windows\System32\cmd.exe		<a href="#">Add</a> <a href="#">Edit</a> <a href="#">Delete</a>

No.	Name	Path	Port	Process ID	Expected status	Status	Message	Action
0	New Service - 0	C:\path\app\casbin-0a	10000		Stopped	0		<a href="#">Add</a> <a href="#">Edit</a> <a href="#">Delete</a>

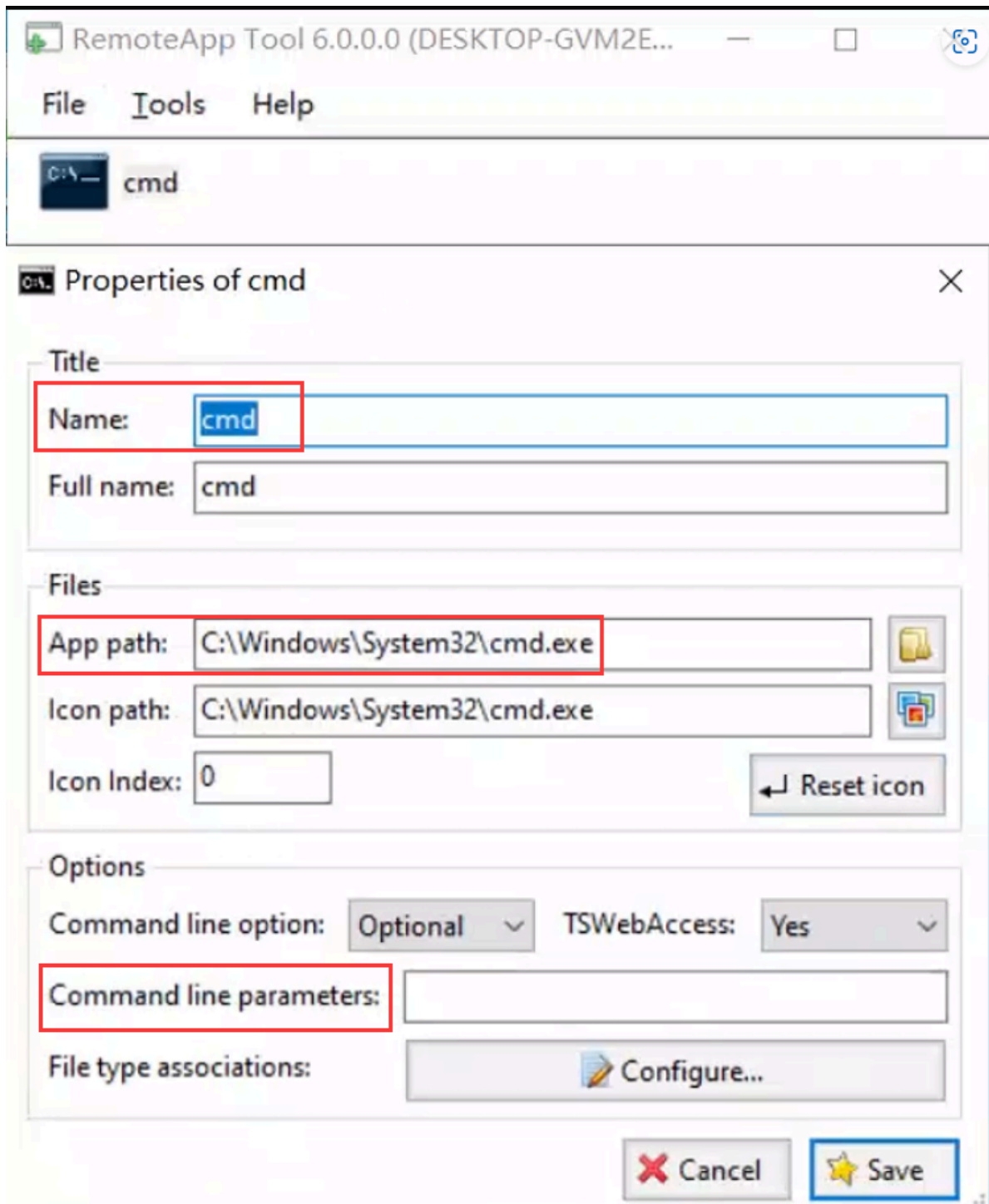
### 3. Connect to your asset by clicking the connect button



## Remote App

We support remote app on Windows assets, you can add remote apps on **Asset Edit** page, and then you can connect to your remote app by clicking the **connect** button.

1. Configure your remote app on the server end.  
You can use [RemoteApp Tool](#) to register apps.



2. Configure the remote app information in the asset edit page according to the server-end configuration. 'remoteAppName', 'remoteAppDir', and 'remoteAppArgs' are required.

Enable Remote App ☒

Remote Apps [Add](#)

No.	Remote App	Remote App Dir	Remote App Args	Action
0	cmd	C:\Windows\System32\cmd.exe		<a href="#">Add</a> <a href="#">Edit</a> <a href="#">Delete</a>

refer to [Configuring Guacamole — Apache Guacamole Manual v1.5.3](#)

### 3. Connect to your remote app.

Casdoor x +

localhost:18001/assets

casbin Home Records Assets

Casbin User1

Assets	Organization	Name	Created time	Description	Protocol	IP	Port	Username	Language	Auto query	Is permanent	Enable Remote App	Remote Apps	Services	Action
casbin	casbin	machine_2	2023-09-16 16:43:49	Win10_VNC	vnc	192.168.1.103	5900	Administrator	zh	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 / 0	0 / 0	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>
casbin	casbin	machine_1	2023-08-30 23:12:40	Win10_RDP	rdp	192.168.1.103	3389	111	zh	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 / 1	0 / 1	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>
casbin	casbin	machine_0	2023-08-30 10:15:00	New Machine - 0		127.0.0.1	22	Administrator	zh	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 / 0	0 / 0	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>

1 / 10 / page

Powered by Casdoor

# VNC

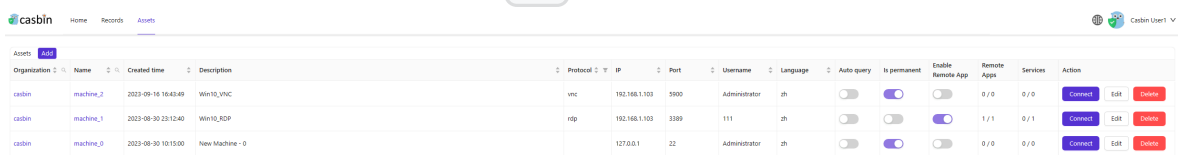
## VCN Connect

VCN connection is similar to RDP connections.

1. Start Guacamole Server

```
docker run --name guacd -d -p 4822:4822 guacamole/guacd
```

2. Add a new asset, set protocol to `vnc`



Organization	Name	Created time	Description	Protocol	IP	Port	Username	Language	Auto query	Is permanent	Enable Remote App	Remote Apps	Services	Action
casbin	machine_2	2023-09-16 10:43:49	Win10_VNC	vnc	192.168.1.103	5900	Administrator	zh	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 / 0	0 / 0	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>
casbin	machine_1	2023-08-30 23:12:40	Win10_RDP	rdp	192.168.1.103	3389	111	zh	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1 / 1	0 / 1	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>
casbin	machine_0	2023-08-30 10:15:00	New Machine - 0		127.0.0.1	22	Administrator	zh	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 / 0	0 / 0	<a href="#">Connect</a> <a href="#">Edit</a> <a href="#">Delete</a>

3. Connect to your asset by clicking the `connect` button



