



# 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



## 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`

casbin

Home

Records

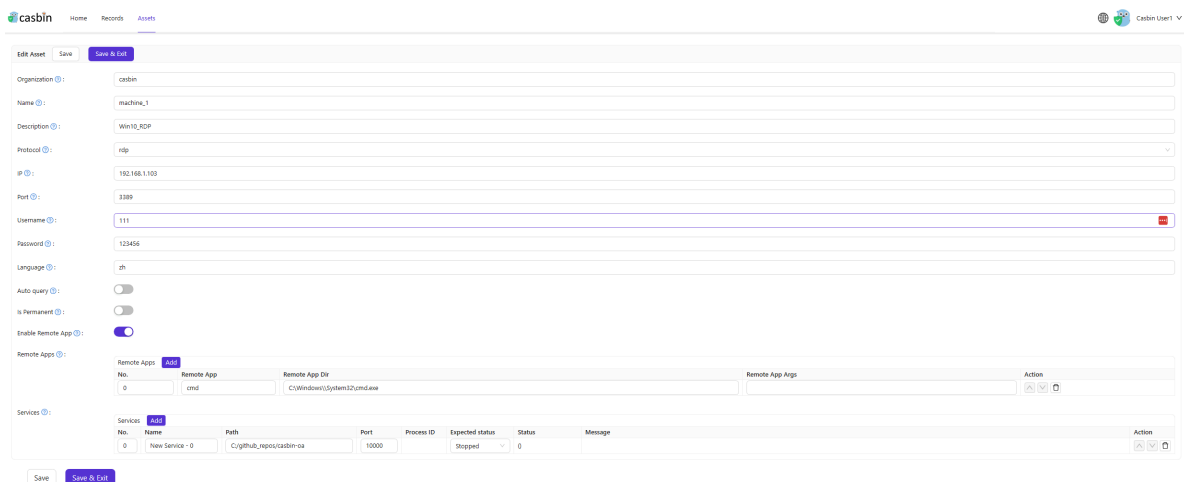
Assets

Casbin User1

Assets

Assets

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	<div>Connect</div> <div>Edit</div> <div>Delete</div>
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	<div>Connect</div> <div>Edit</div> <div>Delete</div>
casbin	machine_3	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	<div>Connect</div> <div>Edit</div> <div>Delete</div>



casbin Home Records Assets

Assets

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: ☐

Is Permanent: ☐

Enable Remote App: ☒

Remote Apps

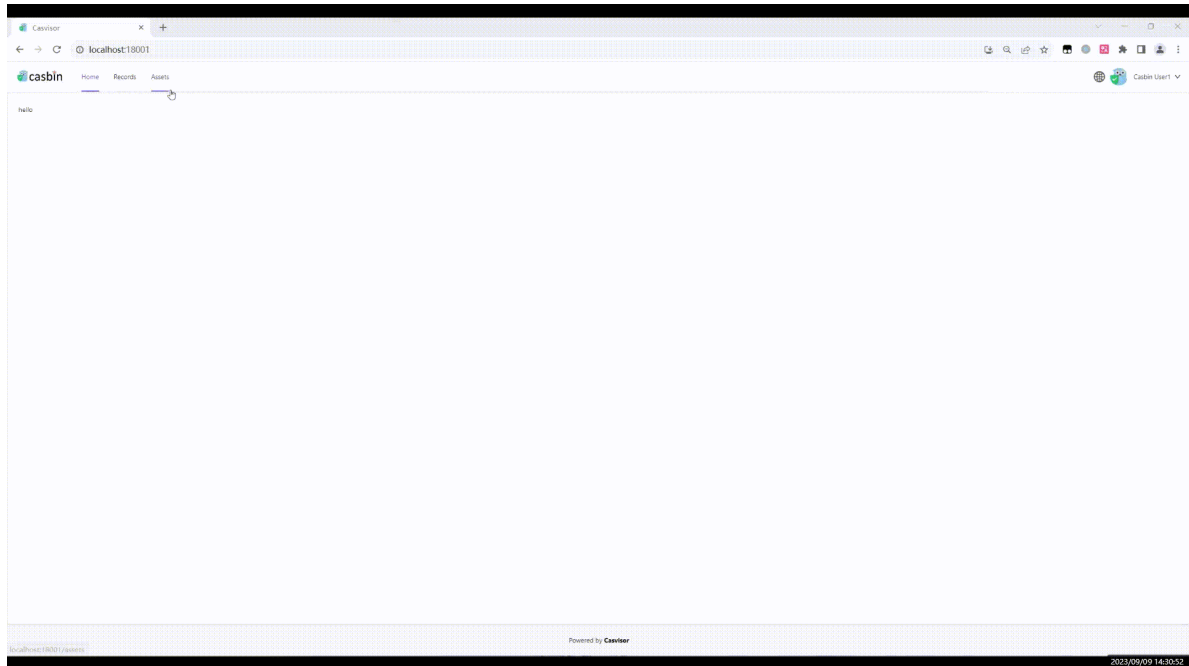
No.	Remote App	Remote App Dir	Remote App Args	Action
0	cmd	C:\Windows\System32\cmd.exe		<a href="#">Add</a> <a href="#">Edit</a> <a href="#">Delete</a>

Services

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>

Save [Save & Exit](#)

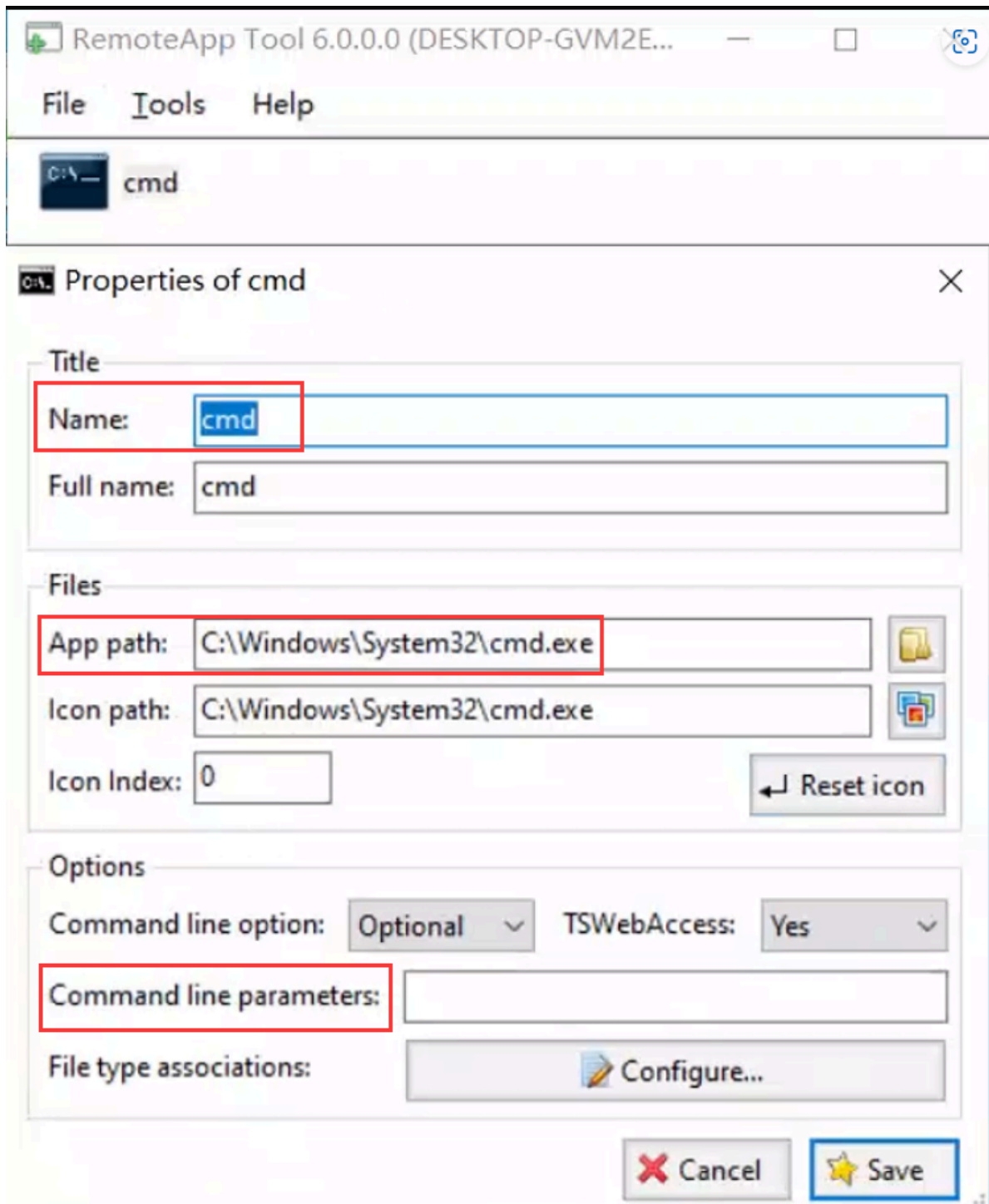
### 3. Connect to your asset by clicking the `connect` button



## 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

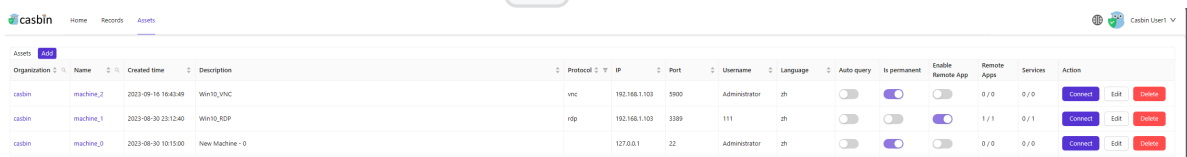
## VCN Connect

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`



The screenshot shows the 'Assets' page in the Casbin web interface. It features a table with columns for 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), 'machine\_1' (RDP), and 'machine\_3' (New Machine - 0).

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	2023-09-30 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		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

