

Forum:[Hack Forums](#)

Thread: [\[Samaritans\] Hijack Chromecasts with CATT](#)

Wake - August 7, 2019, 12:51 pm

Hijack Chromecasts with CATT

Written by [Wake](#)

Disclaimer

This thread is for informational and educational purposes only. I will not be accountable for any action performed by any reader.

Introduction

In this thread i will be covering how to use CATT to scan a network for Chromecasts and then cast multiple sources of media to that Chromecast

What Will I Need For This?

[+] A machine running a linux distro or a Virtual machine.

[+] A Google Chromecast

[+] And a network you have permission to test this on.

What Is CATT?

CATT (Cast all the things) is an easy to install and easy to work with way of controlling any Chromecast on a network you are connected too. IOT (Internet of things) devices like these are often insecure and will accept commands from any one on the network.

How To Hijack And Cast media to a Chromecast

The first thing we are going to need to do is boot into our Linux machine or virtual machine. I will be using Kali Linux for this. Next we need too install CATT we can do that by using this command.

[+] `pip install catt`

Once ran this should install CATT. I ran into some python errors when i installed CATT using this command. If you run into errors like i did use this command instead and it should fix any issues.

[+] `pip3 install catt`

Spoiler ([Click to View](#))

Once we have ran that command CATT is installed and we can now search for Chromecasts on our network to do this we run the command

```
[+] catt scan
```

Spoiler ([Click to View](#))

So now we can see there is a Chromecast on our network and we can attempt to hijack this and cast some media too it. For this example i will be casting a standard YouTube video to the Chromecast but there are many sources you can cast to a Chromecast you can find a list of sites [here](#) i will also go over commands to cast websites images and gifs below.

To cast a YouTube video to a Chromecast we simply type

```
[+] catt cast https://www.youtube.com/yourvideourlhere
```

And press Enter. It looks something like this

Spoiler ([Click to View](#))

Here is a video of what the user using the Chromecast will see once we enter this command or what would happen to the Chromecasts in a building once we run this command.

Spoiler ([Click to View](#))<https://streamable.com/s6ujx>

Along with that command we have a list of other commands we can use we can view these by using the command

```
[+] catt -h
```

Spoiler ([Click to View](#))

By typing CATT followed by any of the commands on the help sheet we can execute them for example

```
[+] catt play
```

Now i will go over how to cast other sources of media to a Chromecast.

To cast a gif we will use

```
[+] catt cast /root/Desktop/your.gif
```

same applies for an image we would use

```
[+] catt cast /root/Desktop/your.jpg
```

To cast a website to our Chromecast we would use the command

```
[+] catt cast_site https://hackforums.net
```

If you have followed along with this thread you have easily and successfully hijacked and cast media to a Chromecast on your network

If you are struggling with this or have any questions post below or send me a private message.

The above tool is for own use or educational testing purpose only.

Thank you for taking the time to read this thread.

Haseo™ - August 7, 2019, 12:53 pm

I'm glad you finished this was looking forward to it. Nicely done.

SoulZeh - August 7, 2019, 12:54 pm

Pretty cool tutorial, I'm waiting on a USB so I can use it as a dual OS and have linux on it as the USB I have is to small from what I've been told, but yea, I have a chromecast and this sounds like it could be really good fun, thanks.

Wake - August 8, 2019, 8:16 am

(Aug 7, 2019 12:53 PM)Haseo™ Wrote: [\[CITE\]](#) I'm glad you finished this was looking forward to it. Nicely done.

(Aug 7, 2019 12:54 PM)SoulZeh Wrote: [\[CITE\]](#) Pretty cool tutorial, I'm waiting on a USB so I can use it as a dual OS and have linux on it as the USB I have is to small from what I've been told, but yea, I have a chromecast and this sounds like it could be really good fun, thanks.

Thank you both for reading.

123 - August 8, 2019, 8:26 am

Very nice Tutorial Wake. Always putting up HQ and nice work.

Keep it doing like this. Cheers !!

Wake - August 12, 2019, 11:18 am

(Aug 8, 2019 08:26 AM)123 Wrote: [\[CITE\]](#) Very nice Tutorial Wake. Always putting up HQ and nice work.

Keep it doing like this. Cheers !!

Thank you for reading glad you enjoyed.