

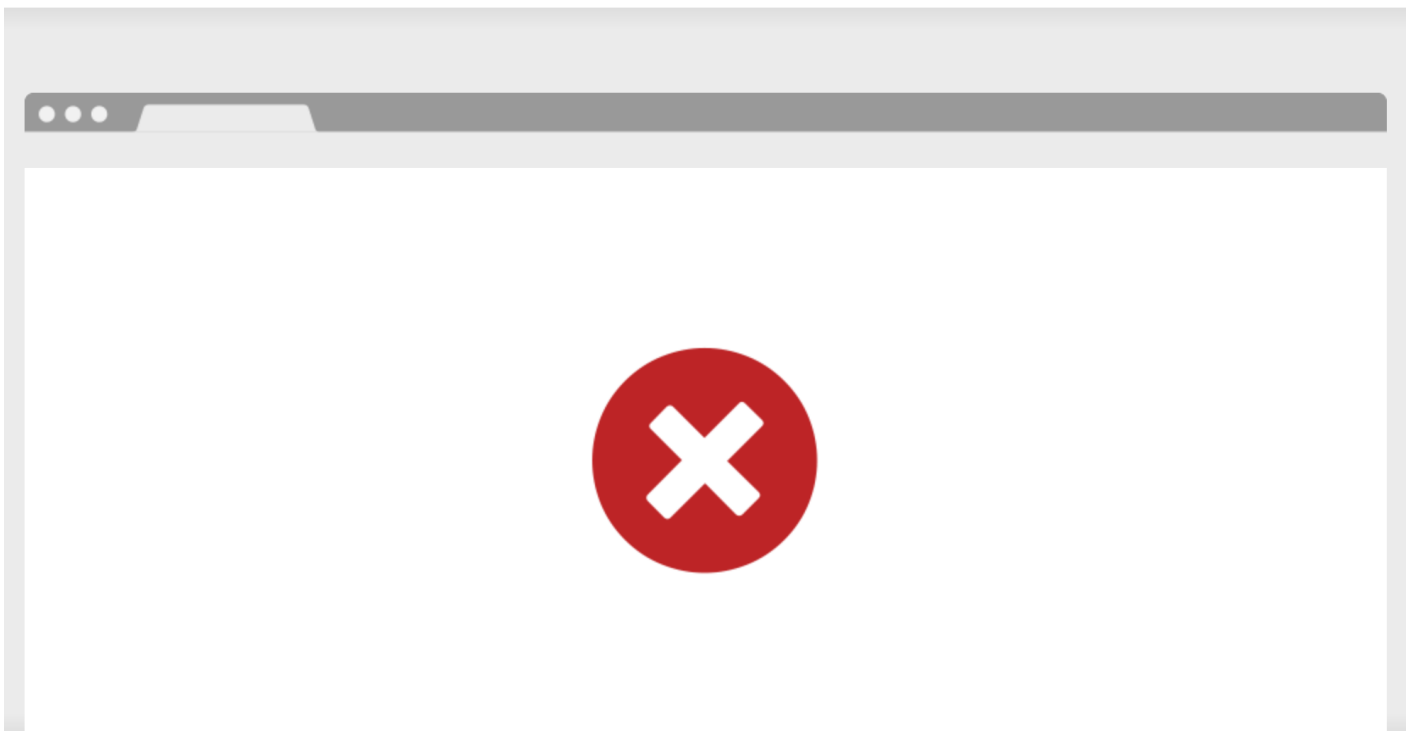
Resolve Cloudflare Block Pages

Problem

You're running into a block page from Cloudflare that indicates you've been blocked. No options are given to complete a CAPTCHA or otherwise proceed.

Sorry, you have been blocked

You are unable to access [example.com](#)



Why have I been blocked?

This website is using a security service to protect itself from online attacks. The action you just performed triggered the security solution. There are several actions that could trigger this block including submitting a certain word or phrase, a SQL command or malformed data.

What can I do to resolve this?

You can email the site owner to let them know you were blocked. Please include what you were doing when this page came up and the Cloudflare Ray ID found at the bottom of this page.

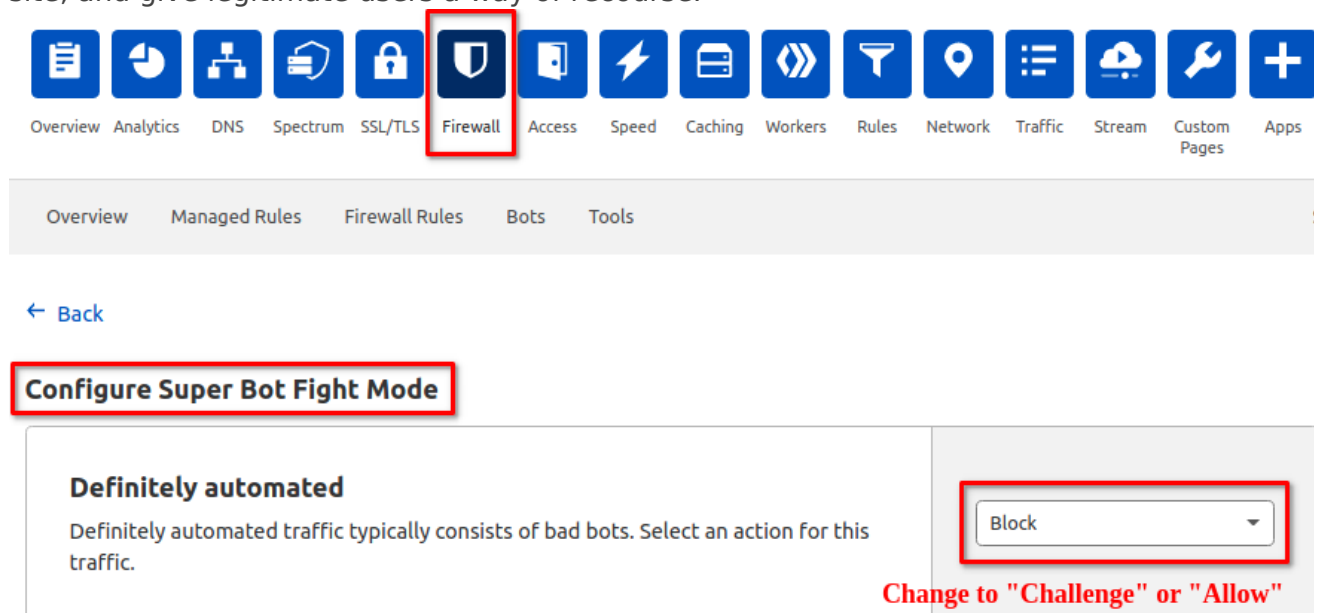
Solution

1. Take note of the [Ray ID](#) on the Cloudflare block page.
2. Send your access complaint, along with the Ray ID, to the support/administration team for the website that you're encountering the problem on. They can use this information to locate the Cloudflare firewall rule that's causing the false positive block event.¹

If a specific firewall rule can't be found, generally adjusting the Bot handling settings will resolve the problem:

- Under **Firewall**, select **Bots**, then **Configure Super Bot Fight Mode**.
- In the **Configure Super Bot Fight Mode**, change the setting on *Definitely automated* from "Block" to "Challenge".

This will present all suspected *definitely automated* bot activity with a Cloudflare challenge/CAPTCHA page, which will both allow the website admins to protect their site, and give legitimate users a way of recourse.



3. Furthermore, we strongly recommend you ask the website administrators raise a support ticket with Cloudflare, including the Ray IDs you noted, so Cloudflare can improve their automated traffic classifications system. **This is the only way that a long-term solution will be achieved.**

¹Web administrators using Cloudflare may find this third-party blog post helpful in troubleshooting: [Finding a Cloudflare event by Ray ID](#).

Explanation

Short version

Cloudflare has software that analyses TLS (encryption) handshakes in an attempt to determine whether inbound traffic to a website is originating with a human or a bot. Unfortunately, Cloudflare is incorrectly classifying DrawBridge-filtered traffic as a malicious bot.

Detailed version

The traffic to/from all HTTPS websites travels over one or more encrypted sessions, negotiated between the browser and the destination web server. Only the web server and the browser can read the content -- the traffic is scrambled to anyone else who may see the session(s), including any transit/internet-service-provider equipment, because they don't have the secret keys that secure the session.

This is problematic when it comes to web content filtering: once a session is established with "amazon.com", for example, nothing else can be known about that session to anyone else. If you're a parent or business network administrator, you may care very much what happens on your network, but don't have visibility into what is actually happening.

Enter the DrawBridge: When a web request is made, the DrawBridge steps in and presents itself as the webserver to the browser, and negotiates a secure session. Then the DrawBridge itself negotiates another, separate, secure session to the destination webserver.

And this is where the issue lies: Cloudflare sees the TLS handshake initiated by the DrawBridge (rather than the browser) and incorrectly classifies the handshake as one of a malicious bot.

Note: the DrawBridge does not generally perform TLS inspection on banking/financial websites. If you've indentified a case of this, please send a detailed email to support@compassfoundation.io.

Further Reading

Link: [FAQ: Is TLS inspection "bad" or "breaking encryption" or "weakening security"?](#)

Link: [What is TLS fingerprinting?](#)

Alternate workaround

In the event no resolution can be arranged with the administrators of the Cloudflare firewall settings for the website, an alternate workaround is available: Add the domain of the site in focus to the **Bypass Filter** policy in the DrawBridge Access Policy Dashboard, and apply the changes.

It may be nessesary to close and re-open your browser to ensure that a new secure session gets established.

Note that this **disables DrawBridge filtering and reporting on all of that domain**.

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