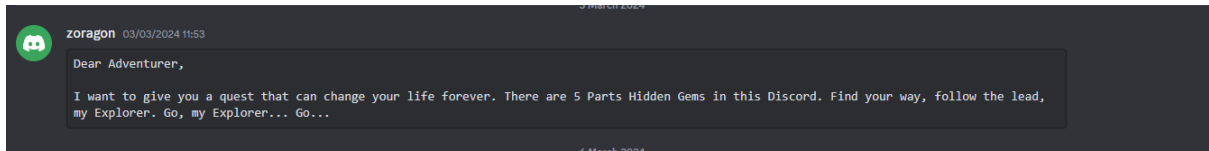


## rENTAS CTF WriteUp

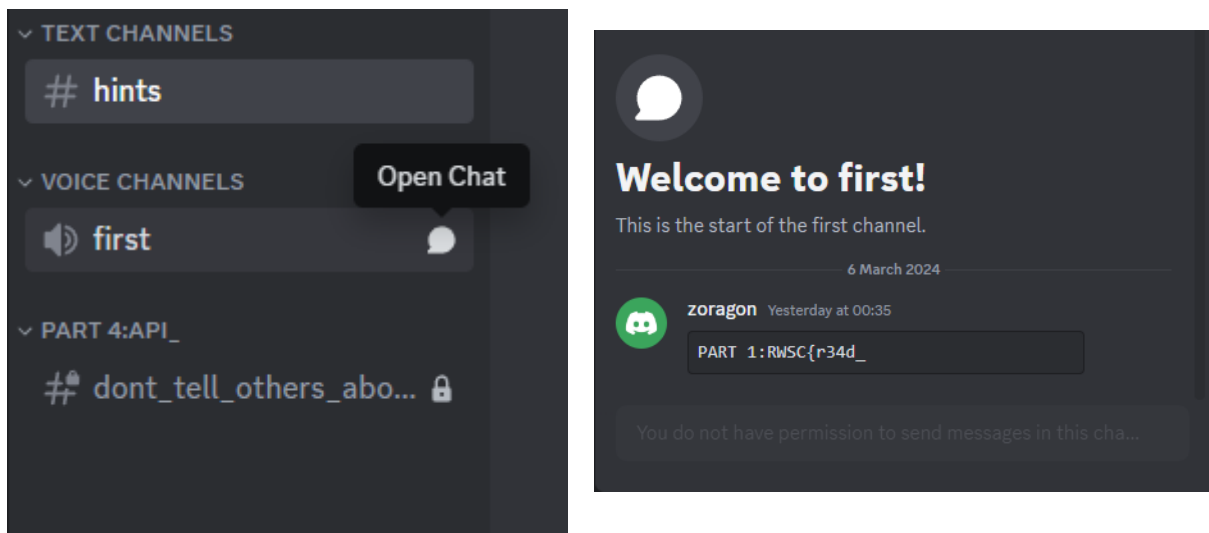
By: Elyas Asmad

### Hidden Discord (Miscellaneous)

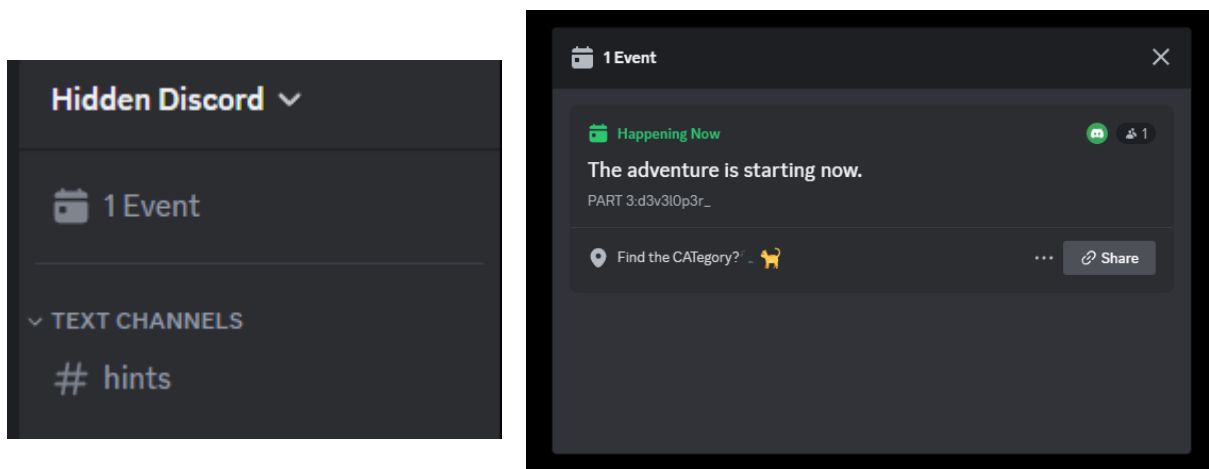
- Personally, this CTF challenge is the most interesting one.
- This challenge splits the flag into 5 different parts inside a Discord server.



1. The first part of the flag is located inside the chat page of a voice channel.



2. After clicking throughout the Discord server, we managed to only find the 3<sup>rd</sup> part inside the event details of the server.



3. Now it gave us a hint to find a category in this Discord server.

4. Since there are no other categories than text channels and voice channels, we utilized a BetterDiscord mod to view all hidden channels inside the Discord server. This mod will do the job (<https://github.com/JustOptimize/return-ShowHiddenChannels>).

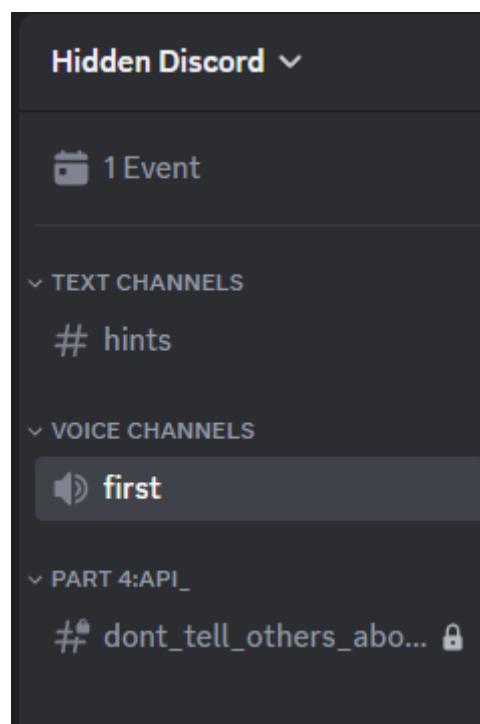
## Return ShowHiddenChannels

ShowHiddenChannels is a plugin for [BetterDiscord](#) that allows users to view information about hidden channels in a Discord server, such as their name, description and which roles or users have access to these hidden channels. **Please note that this plugin will not allow you to read the messages in these channels, it will only show you information about them.**

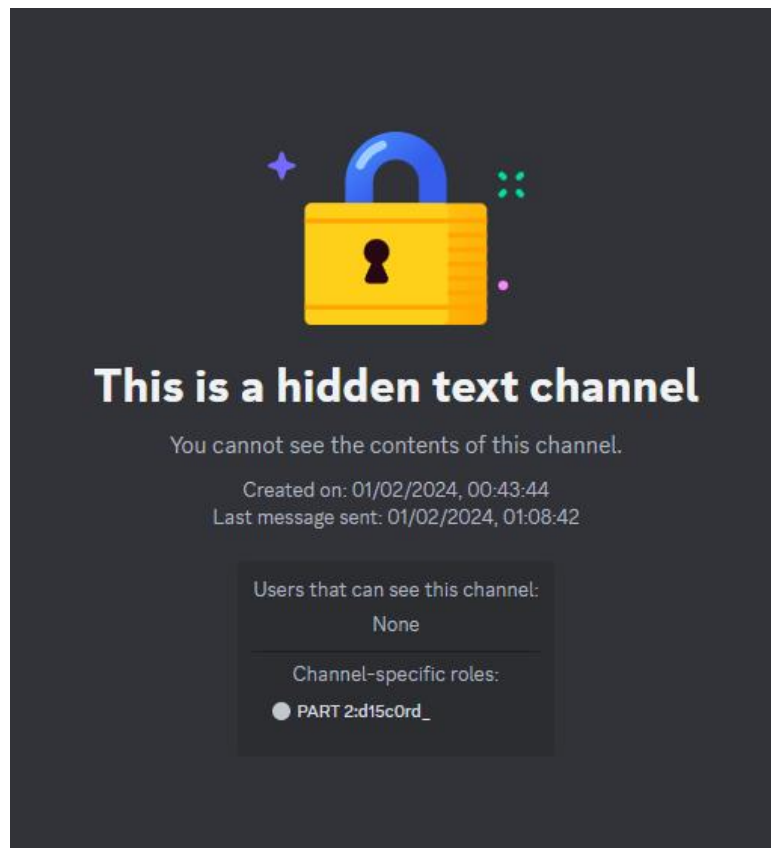
The original plugin by [@rauenzi](#) was discontinued and removed from the official BetterDiscordAddons repository, so this plugin was created to fill that void.

If you are searching for the [Replugged](#) version of this plugin, there is one made by [LoneWeeb](#) you can find it [here](#).

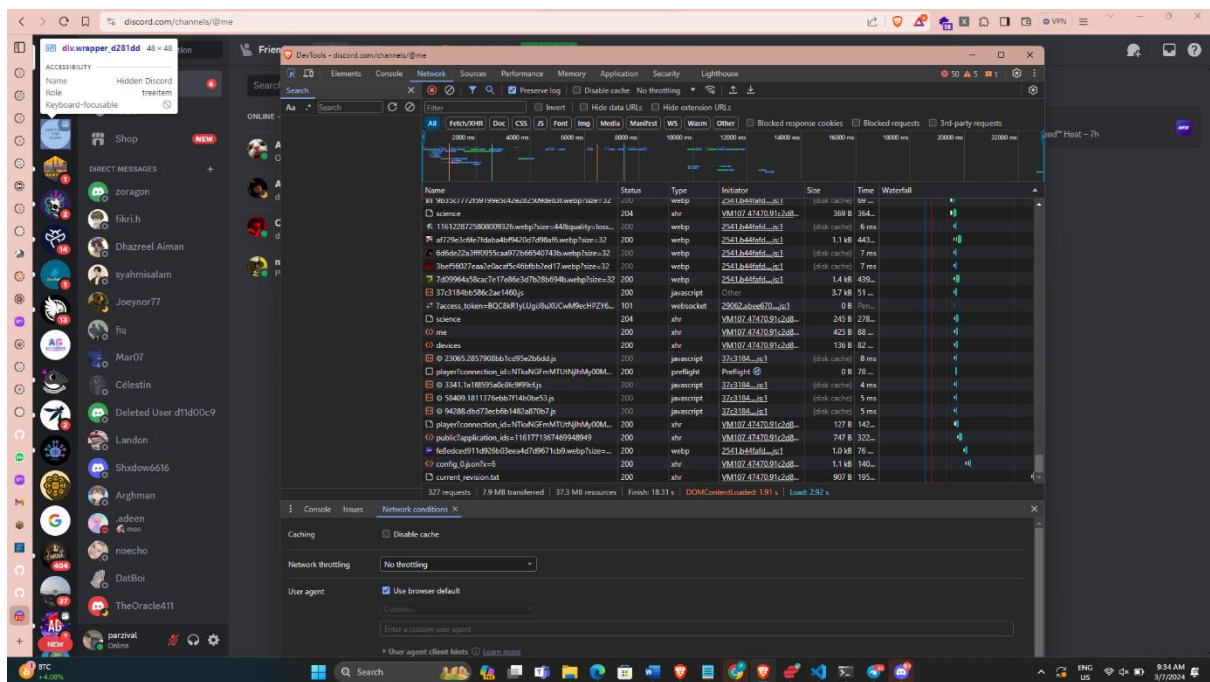
5. After we managed to install the mod, the server revealed a hidden channel and category. This is the 4<sup>th</sup> part of the flag.



6. Upon clicking on the hidden channel, it revealed the flag's 2<sup>nd</sup> part (which is actually a hidden role).



7. The channel name warned to not look at the server's icon. We looked at it anyways. By using the web version of Discord, we have used the Devtools and found the server's icon link.

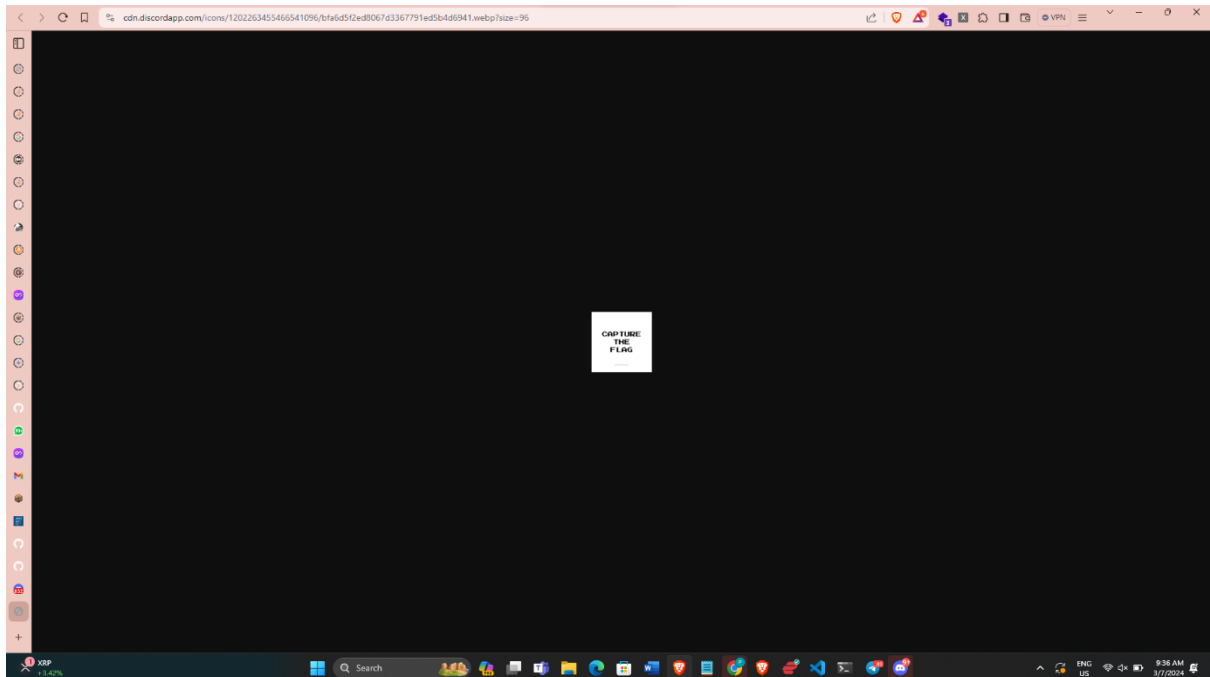


```

<div class="wrapper_d281dd" role="treeitem" data-list-item-id="guildsnav___1202263455466541096"
tabindex="-1" aria-label="Hidden Discord">flex
  ></img> == $0
</div>
</foreignObject>

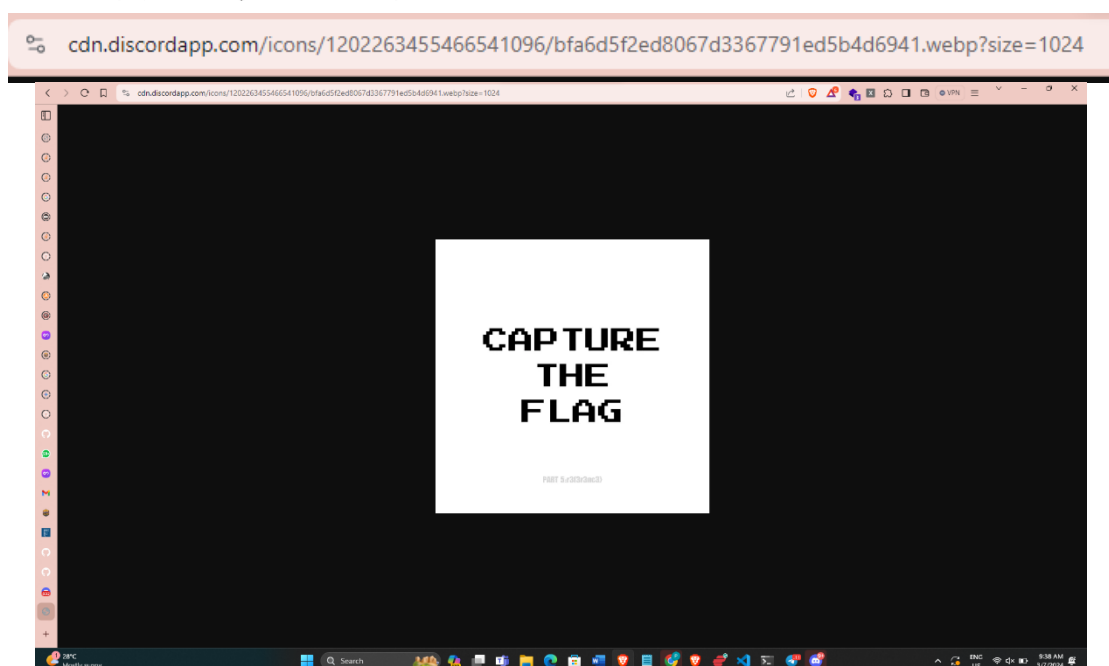
```

5. We navigated to the link to find the 5<sup>th</sup> flag. However, the server icon size was too small.



6. Luckily, Discord's CDN is equipped with a dynamic size parameter. We utilized the parameter to enlarge the server icon.

*(Simply change the size parameter from size=96 to size=1024)*



Flag: **RWSC{r34d\_d15c0rd\_d3v3l0p3r\_API\_r3f3r3nc3}**