

HTB x Uni CTF 2020 – Qualifications

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Challenge: HTBxUni AI

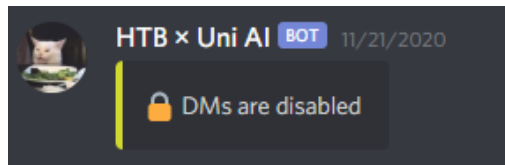
Category: Misc

Intro:

In this challenge we were told that the HTB x Uni AI bot in the HackTheBox Discord server has gone rogue, and that we need to execute the !shutdown command to stop it.

Walkthrough:

My first reaction to this challenge was to try and send a DM to the bot within Discord. I tried sending commands like !help but it seemed any message that started with “!” was responded with the following message:



Then I remembered that it’s actually possible to invite Bots to other servers if the permissions for the Bot aren’t set up properly. So a little bit of googling reminded me of the URL that needed to be crafted to invite the Bot:

## Bot invite links

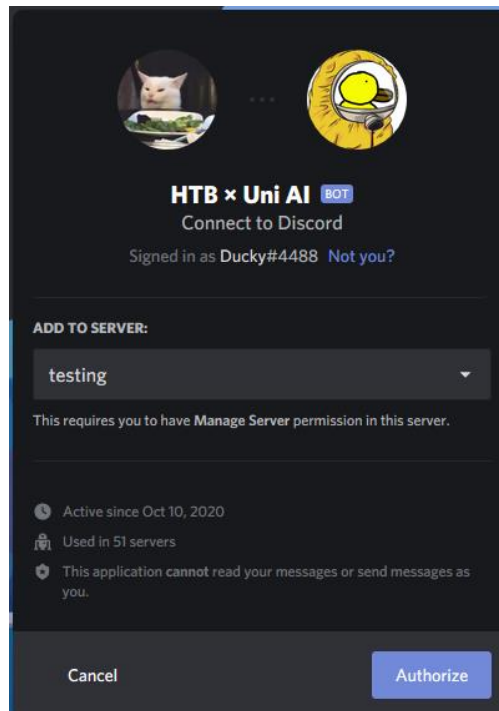
The basic version of one such link looks like this:

```
https://discord.com/oauth2/authorize?client_id=123456789012345678&scope=bot
```

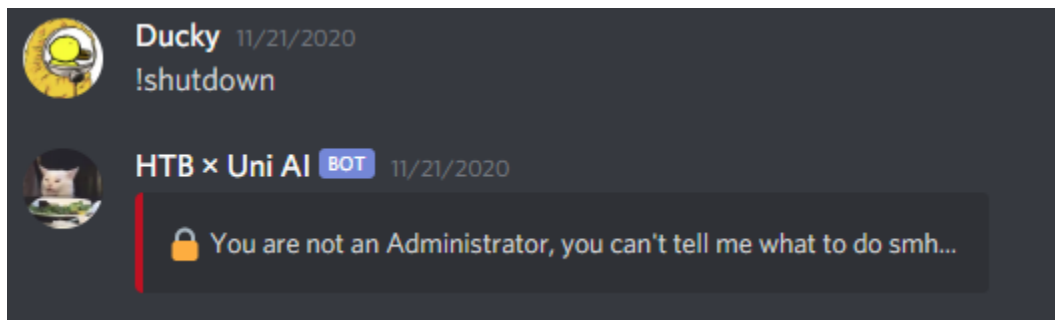
So with Developer mode enabled in Discord, I can grab the ID of the bot and craft the following url:

**`https://discord.com/oauth2/authorize?client_id=764609448089092119&scope=bot`**

If we navigate to the link, we can invite the bot to our server. Progress!



Once the bot was in my server, the first command that I tried was !shutdown which returned the following message:



Hmm.. So what if I make a server role with Admin privileges? Nope, same thing occurred. This had me stuck for a little bit, but then I thought why don't I actually make a role NAMED Administrator. Running the !shutdown flag again with the "Administrator" role returned the flag:

