



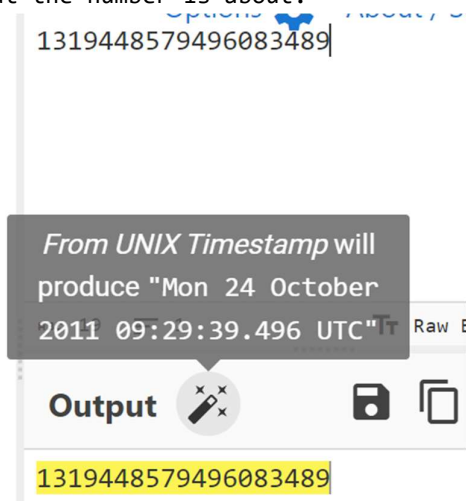
POLAR BEAR

Description:

1319448579496083489

I've been learning a lot about Node.js. I love Node.js! There are so many different projects that can be made with it. Check out the project I made!

First thing was checking what the number is about.

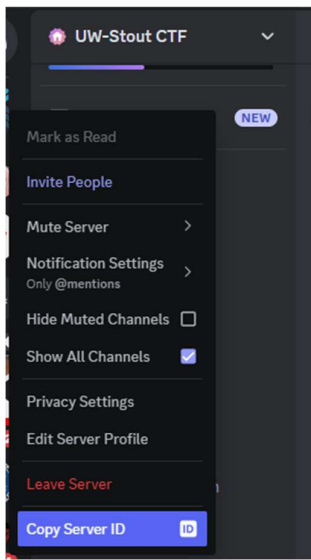


After a lot of struggling, Googling, and asking GPT, I finally learned that the encoded message was related to a **snowflake**. However, I had no idea how to proceed with this information. I explored multiple platforms like **Twitter**, **Facebook**, and **Instagram**, trying to find a connection to the **snowflake**.

snowflake decoder



Unfortunately, I overlooked **Discord**. Later, I thought to check if the **UW-Stout CTF** server ID was a Discord snowflake. The easiest way to find out was to copy the server ID and start digging.



Decoding the snowflake of the **UW-Stout CTF's Discord**. It is also in **Snowflake** format.

snowflake decoder

Input:

1316290068759052338

decode

```
[
  {
    "id": "1316290068759052338",
    "timestamp": 313828007879,
    "unixtime": 1602662982536,
    "date": "Wed Oct 14 2020 17:09:42 GMT+0900 (Japan Standard Time)",
    "workerId": 0,
    "datacenterId": 1,
    "sequence": 50
  }
]
```

Using the cool tools to see the api of discord with **discordlookup**: [GitHub - mesalytic/discord-lookup-api](https://github.com/mesalytic/discord-lookup-api): An API that lets you fetch user info (banner, username, avatar) . We can see the **UW-Stout CTF** was present on the discord lookup.

```
(osiris@ALICE)~[~/Downloads/CTF/STOUTCTF/Misc/BasedPort]
$ curl https://discordlookup.mesalytic.moe/v1/guild/1316290068759052338 | jq
% Total % Received % Xferd Average Speed Time Time Time Current
 Dload Upload Total Spent Left Speed
100 132 100 132 0 0 210 0 --:--:-- --:--:-- --:--:-- 209
{
  "id": "1316290068759052338",
  "name": "UW-Stout CTF",
  "instant_invite": "https://canary.discord.com/invite/YwrZYjMP",
  "presence_count": 28
}
```



And then checking the **user** of the given *snowflakes* found out the name was what we looking for. (Yippeeee)

```
(osiris@ALICE) [~/Downloads/CTF/STOUTCTF/Misc/BasedPort]
$ curl https://discordlookup.mesalytic.moe/v1/user/1319448579496083489 | jq
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  782  100    782    0     0    1264      0 --:--:-- --:--:-- --:--:-- 1264
{
  "id": "1319448579496083489",
  "created_at": "2024-12-19T23:37:35.521Z",
  "username": "Polar Bear",
  "avatar": {
    "id": "e248b2ad07a44051ee4a3704b783f4e0",
    "link": "https://cdn.discordapp.com/avatars/1319448579496083489/e248b2ad07a44051ee4a3704b783f4e0",
    "is_animated": false
  },
  "avatar_decoration": null,
  "badges": [],
  "accent_color": null,
  "global_name": null,
  "banner": {
    "id": null,
    "link": null,
    "is_animated": false,
    "color": null
  }
}
```

Proceed to check the **application** of the given *snowflakes*:

```
$
curl https://discordlookup.mesalytic.moe/v1/application/1319448579496083489 | jq
| head -n 5
```

The flag presence was in the description section.

```
(osiris@ALICE) [~/Downloads/CTF/STOUTCTF/Misc/BasedPort]
$ curl https://discordlookup.mesalytic.moe/v1/application/1319448579496083489 | jq | head -n 5
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  802  100    802    0     0    1493      0 --:--:-- --:--:-- --:--:-- 1493
{
  "id": "1319448579496083489",
  "name": "Polar Bear",
  "icon": "https://cdn.discordapp.com/avatars/1319448579496083489/e248b2ad07a44051ee4a3704b783f4e0",
  "description": "STOUTCTF{lUP8cYQtG1I2oswnGsaUMgIE3UhEQESH}"
}
```

Flag	STOUTCTF{lUP8cYQtG1I2oswnGsaUMgIE3UhEQESH}
------	--