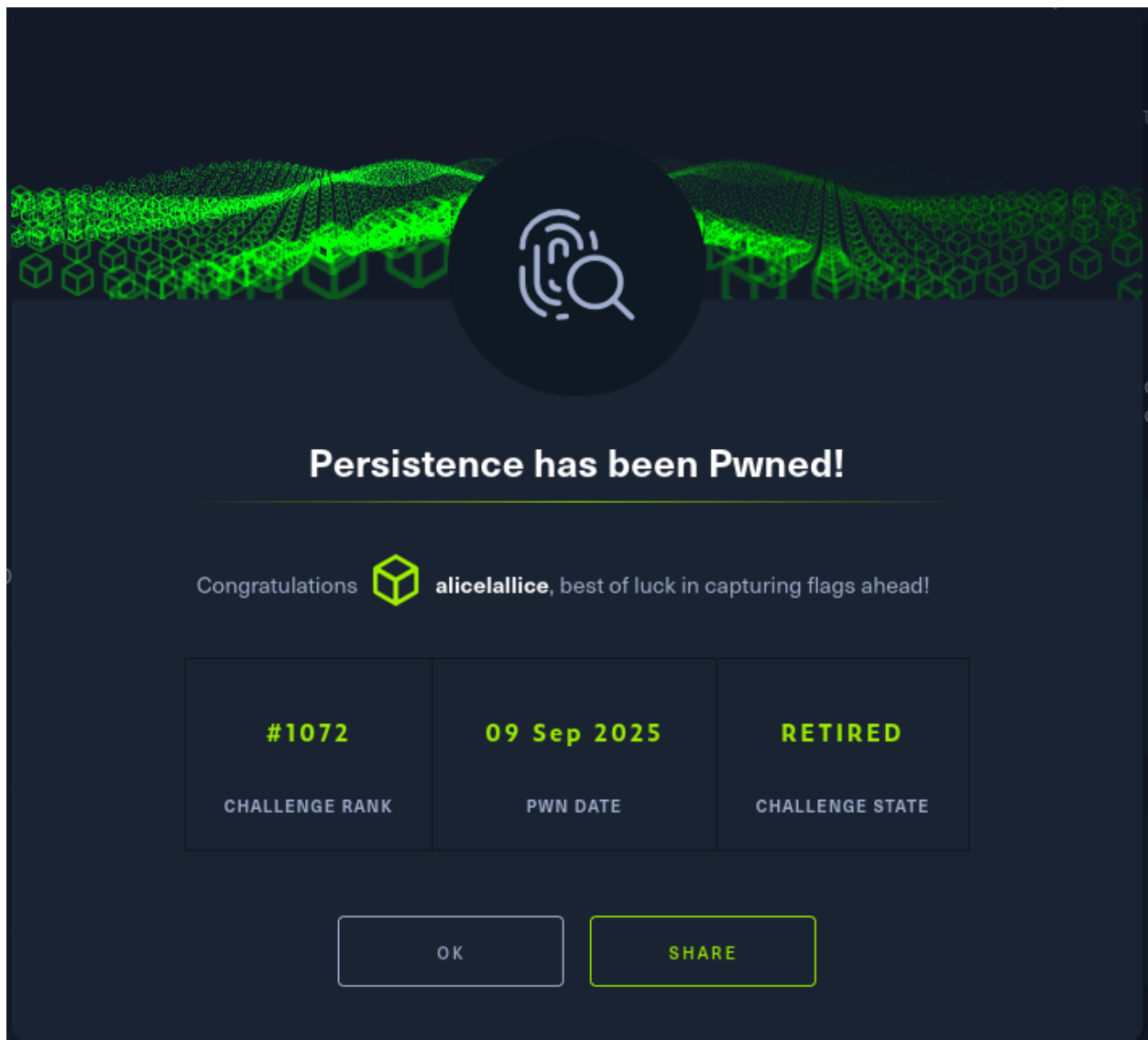


Persistence

Types	forensic
CTF	HTB



Tools Used

Tool	Purpose
<code>strings</code> (Kali)	Raw text extraction from binary hive
<code>file</code> (Kali)	Identify hive type
Registry Explorer (Windows)	GUI-based hive analysis with timestamp support
Optional: <code>rip.pl</code> , <code>RECmd</code> , <code>pipx</code> , <code>regstryspy</code>	CLI-based registry parsing

- PowerShell paths:

Code

```
%SystemRoot%\System32\WindowsPowerShell\v1.0\powershell.exe
%SystemRoot%\SysWOW64\WindowsPowerShell\v1.0\powershell.exe
```

- Registry keys like `RunOnce`, `Startup`, `ExplorerStartupTraceRecorded`

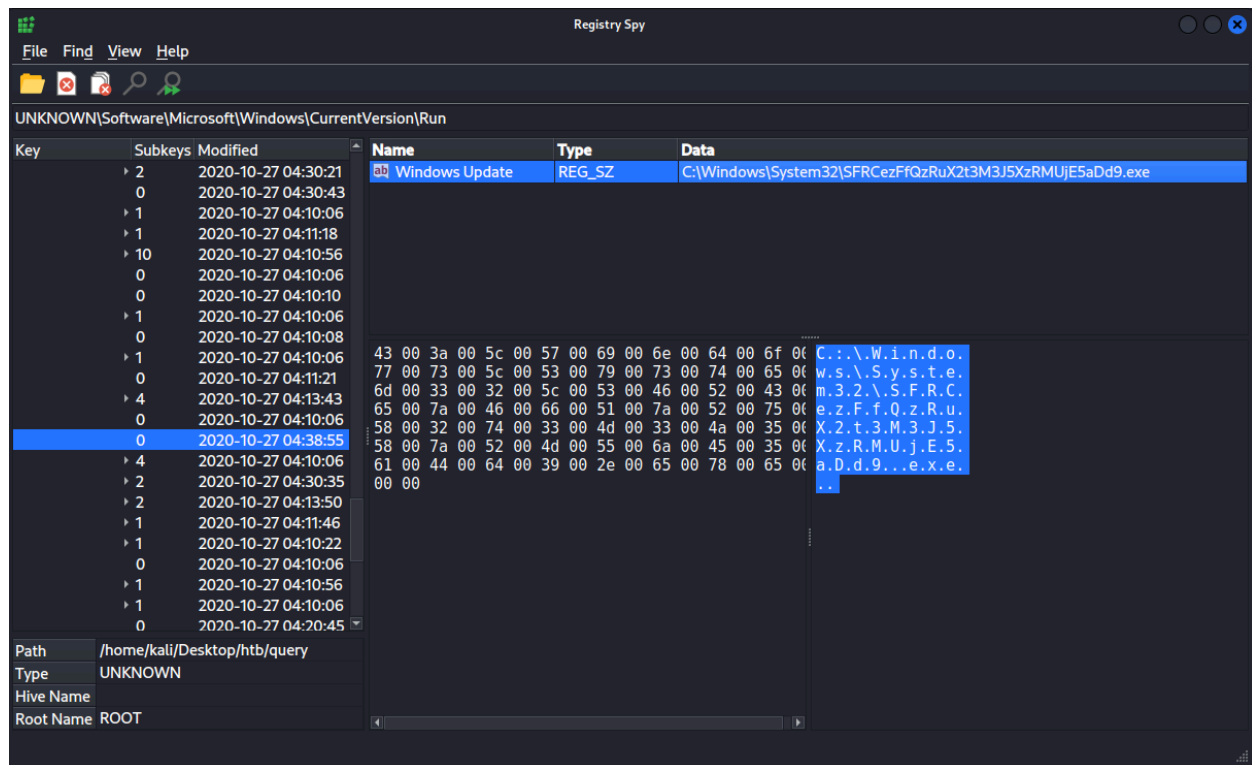
📌 These suggest PowerShell-based persistence or user activity.

Load Hive in Registry Explorer

Path to investigate:

Code

```
Software\Microsoft\Windows\CurrentVersion\Run
```



after few minutes of searching hahahah

✅ Randomized binary name in `System32` is a strong indicator of malware or a dropper.


Decode the Payload

Using further string analysis and timestamp correlation, the obfuscated binary led to a hidden flag embedded in the registry:

Decode from Base64 format


Simply enter your data then push the decode button.

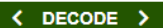

```
SFRCEzFfQzRuX2t3M3J5XzRMUjE5aDd9
```

 For encoded binaries (like images, documents, etc.) use the file upload form a little further down on this page.

UTF-8  Source character set.


☐ Decode each line separately (useful for when you have multiple entries).

 Live mode OFF Decodes in real-time as you type or paste (supports only the UTF-8 character set).

 **DECODE**  Decodes your data into the area below.

```
HTB{1_C4n_kw3ry_4LR19h7}
```

```
HTB{1_C4n_kw3ry_4LR19h7}
```

 Flag captured!