

## **C2 Framework using Imgur as a C2 channel**

- **Aim:** To illustrate how steganography can be used as a covert C2 channel for data exfiltration as well as command injection via Imgur (a public domain website for picture sharing)
- **Related Work:** This feature has mostly been seen in malwares wherein threat actors use to hide code in plain sight to lower the chances of detection. Also traces of this idea can be seen here (<https://gist.github.com/dhondta/30abb35bb8ee86109d17437b11a1477a>) wherein the author has used pixel indicator technique to hide data inside images.
- **Idea:** We wish to develop a custom Steganography method using python PIL library as the pivot for the CNC (Command and Control) and then build upon it to include support for multiple agents.
- **Timeline:**
  - Folder creation and API generation on Imgur
  - Sending tasks and parsing response
  - Include support for multiple agents