

# Torrent analyse

## Description: (Medium)

SOS, someone is torrenting on our network. One of your colleagues has been using torrent to download some files on the company's network. Can you identify the file(s) that were downloaded? The file name will be the flag, like picoCTF{filename}. [Captured traffic](#).

**First step:** Open the file with a traffic analyzer (e.g., Wireshark).

- Search for the "info\_hash" (because every file in a torrent is characterized by its info\_hash).
- There is an "info\_hash" that appears in several packets.  
( e2467cbf021192c241367b892230dc1e05c0580e)
- Take this "info\_hash" and search for it on Google. The file name should appear. If it doesn't, use the magnet link on this site, "magnet2torrent.com," to download the file and then search for the name. (You can see the example; the file name ends with .iso.)

```
ceee4:infod6:lengthi2463842304e4:name30:ubuntu-19.10-desktop-  
amd64.iso12:piece lengthi1048576e6:pieces47000: >Œý÷ÃŸ□f÷>q|,:}§³□î□Ã$
```

The flag is picoCTF{ubuntu-19.10-desktop-amd64.iso}