

# GitHub - 0xThiebaut/PCAPeek: A proof-of-concept re-assembler for reverse VNC traffic.

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A proof-of-concept re-assembler for reverse VNC traffic such as [IcedID & Qakbot's VNC Backdoors](#).

Do note that as PoC, PCAPeek offers no guarantees on backwards compatibility and might be modified in the future for additional protocols.

## Installation

This utility depends on [Npcap](#) for PCAP parsing, which you likely already have installed if you have [WireShark](#).

To download and build this utility using the [Go programming language](#), simply...

```
go install github.com/0xThiebaut/PCAPeek@latest
```

## Usage

To use PCAPeek, use the `--help` flag.

```
PCAPeek --help
```

PCAPeek is a tool to peek into PCAPs. It doesn't do much besides acting as a proof of concept to reconstruct re

Usage:

```
PCAPeek PCAP [PCAP ...] [flags]
```

Flags:

<code>--files</code>	Output clipboard files
<code>--files-dir string</code>	The output directory for the clipboard files (default ".")
<code>--filter string</code>	A BPF filter to apply on the PCAPs
<code>-h, --help</code>	help for PCAPeek
<code>--jpeg</code>	Output JPEG frames
<code>--jpeg-dir string</code>	The output directory for the JPEG frames (default ".")
<code>--jpeg-fps int</code>	The number of JPEG frames to output per second (default 0, outputs all frames)
<code>--jpeg-quality int</code>	The JPEG frame quality percentage (default 100)
<code>--mjpeg</code>	Output MJPEG videos
<code>--mjpeg-dir string</code>	The output directory for the MJPEG videos (default ".")

```
--mjpeg-fps int      The number of MJPEG frames to output per second (default 10)
--mjpeg-quality int  The MJPEG video quality percentage (default 100)
```

## Thanks

Thanks to [Brad Duncan \(Malware-Traffic-Analysis.net\)](#) and [Erik Hjelmvik \(NETRESEC\)](#) for their extensive research on IcedID and its BackConnect protocol.

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Source: <https://github.com/0xThiebaut/PCAPeek/>