bp tcpip!Ipv6pReassembleDatagram ".echo Packet size:; ? wo(rdx+88) +

→ wo(rdx+8c); .if (wo(rdx+88) + wo(rdx+8c)) > 0xFFFF {.echo}

→ CVE-2021-24086 exploitation attempt detected; gc; } .else {gc}"

Where

**bp** Starts a breakpoint

tcpip!Ipv6pReassembleDatagram Is the address of the breakpoint

- ".echo Packet size:; ? wo(rdx+88) + wo(rdx+8c); Evaluates and print the packet size as described in listing ??
- .if (wo(rdx+88) + wo(rdx+8c)) > 0xFFFF Evaluates a condition checking if the packet size is larger than 0xFFFF
- .echo CVE-2021-24086 exploitation attempt detected; gc; Prints "CVE-2021-24086 exploitation attempt detected" and continues the execution if the condition is met indicating that an attempt to exploit CVE-2021-24086 is happening
- .else gc" Returns the execution if the condition is not met

Listing 1: Function hooking simulation using WinDbg detecting CVE-2021-24086