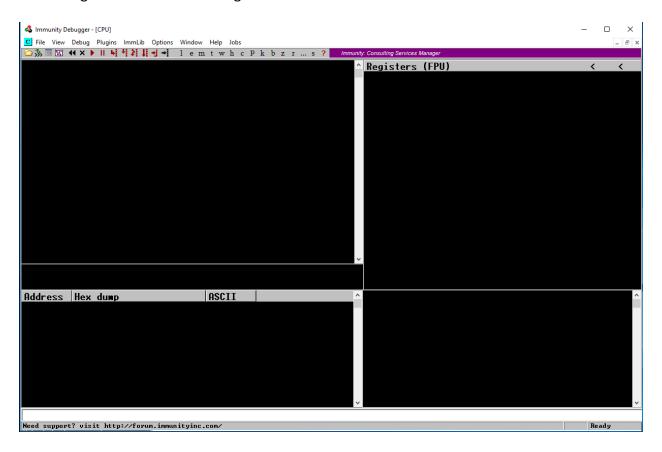
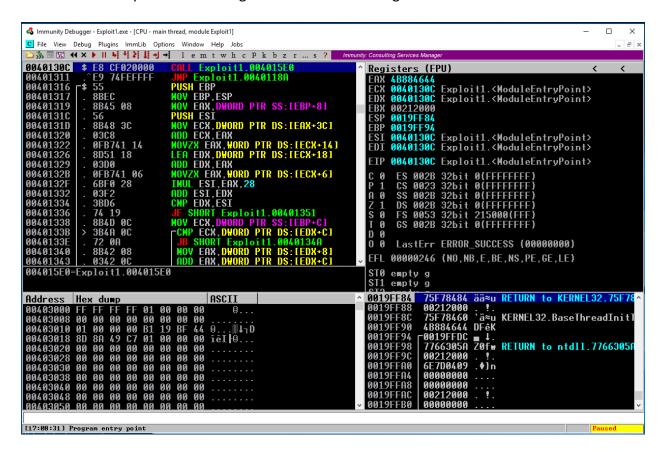
Working with Immunity Debugger

In this Lab we want to have a basic understanding of Immunity Debugger which we will be using for the rest of the course. From the Virtual Machine given, open Immunity Debugger to reach something similar to the following screen:



Load any application, for example the putty.exe (or anything else). It does not matter for this lab; we only want to have a basic understanding.

You should end up with something similar to the following:



Task #1: Basic navigation - Panes:

- What is the Top left pane for?
- What is the Bottom left pane for?
- What is the Top right pane for?
- What is the Bottom right pane for?

General:

- What does paused mean?
- Which instruction should be executed after resuming the program?
- What is the first value in the stack?
- What does it point to in memory?

Windows:

- Where is the loaded modules window and what is it for?
- Where is the log window and what is it for?
- Where is the CPU window and what is it for?
- Where is the breakpoints window and what is it for?

Task #2: Finding program sections

Find the .text section of your application and tell me, what is the access available to this section? Why?

Task #3: Other navigations

Please navigate and try to understand the different debugging features available, how to add and remove a breakpoint, how to search for commands, add comments, and following commands. You will be learning more during the course, but these are most of the basics that we need for now.

Task #4: Open vs Attach

What is the difference between "File \rightarrow Open" and "File \rightarrow Attach"?

Task #5: Reflection

Please reflect on what you learned in this lab.