

Student CTF

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Assignment Sheet 5

Information about this sheet:

- Release date: Tuesday, October 29th, 2013
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Exercise 5: Process Name Hiding

Tools like *ps* display a list of running processes with their PID, owner, etc. Is it possible to trick *ps* such that the wrong process name is printed?

Download the files for the Assignment 5, extract the archiv, and run *make*. **Do not read the source code!** You get to files: *Sample* and *Assignment5*.

- a) Run the *Sample* binary. Does it show up in *ps*? If it does not show up, why not?
- b) Run the *Assignment5* binary. Does it show up in *ps*? If it does not show up, why not?

Solving the task is easily possible by reading the source code, which is NOT the task! Figure out how *ps* gets the process names and how the *Assignment5* changes his.