

Cybersecurity in TIC-Scientist Network Infrastructures by Honeypots: Catching Cyber Threat Passively

Juan Luis Martin Acal¹, Pedro A. Castillo Valdivieso¹, and Gustavo Romero Lopez

Springer-Verlag, Computer Science Editorial III, Postfach 10 52 80,
69042 Heidelberg, Germany
jlmacal@correo.ugr.es
{pcv, gustavo}@ugr.es
<http://www.springer.de/comp/lncs/index.html>

Abstract. There is a balance between security worries and right to privacy. Universities have a high risk of attack as a source of valuable information. Private and scientific information have a enormous value for an attacker but end user is worry about his privacy too. For this reason passive detection methods in cybersecurity like honeypots are the cornerstone in the defence plan. We expose the practical case of the University of Granada in the application of honeypot for the detection and study of intrusions. ...

1 Introduction

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Heading level	Example	Font size and style
Title (centered)	Lecture Notes ...	14 point, bold
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2nd-level heading	2.1 Printing Area	10 point, bold
3rd-level heading	Headings. Text follows ...	10 point, bold
4th-level heading	<i>Remark.</i> Text follows ...	10 point, italic

Here are some examples of headings: “Criteria to Disprove Context-Freeness of Collage Languages”, “On Correcting the Intrusion of Tracing Non-deterministic Programs by Software”, “A User-Friendly and Extendable Data Distribution System”, “Multi-flip Networks: Parallelizing GenSAT”, “Self-determinations of Man”.

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Fig. 1. One kernel at x_s (*dotted kernel*) or two kernels at x_i and x_j (*left and right*) lead to the same summed estimate at x_s . This shows a figure consisting of different types of lines. Elements of the figure described in the caption should be set in italics, in parentheses, as shown in this sample caption. The last sentence of a figure caption should generally end without a period

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$$\psi(u) = \int_0^T \left[\frac{1}{2} (\Lambda_o^{-1}u, u) + N^*(-u) \right] dt . \quad (1)$$

Please punctuate a displayed equation in the same way as ordinary text but with a small space before the end punctuation. \LaTeX users can find more examples of how to typeset equations in the file `llncs.dem` (see Sect. 3).

2.5 Program Code

Program listings or program commands in the text are normally set in typewriter font, e.g., CMTT10 or Courier.

Example of a Computer Program

```
program Inflation (Output)
{Assuming annual inflation rates of 7%, 8%, and 10%,...
 years};
const
  MaxYears = 10;
var
  Year: 0..MaxYears;
  Factor1, Factor2, Factor3: Real;
begin
  Year := 0;
  Factor1 := 1.0; Factor2 := 1.0; Factor3 := 1.0;
  WriteLn('Year  7% 8% 10%'); WriteLn;
  repeat
    Year := Year + 1;
    Factor1 := Factor1 * 1.07;
    Factor2 := Factor2 * 1.08;
    Factor3 := Factor3 * 1.10;
    WriteLn(Year:5,Factor1:7:3,Factor2:7:3,Factor3:7:3)
  until Year = MaxYears
end.
```

(Example from Jensen K., Wirth N. (1991) Pascal user manual and report. Springer, New York)

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`ftp://ftp.springer.de/pub/tex/latex/llncls/latex2e`

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Gopher: Point your client to `ftp.springer.de`.

Mailserver: Send an email message to `svserv@vax.ntp.springer.de` containing the line

```
get /tex/latex/llncls2e.zip to get the LATEX2 $\epsilon$  style files,
get /tex/latex/llncls.zip   to get the LATEX style files, or
get /tex/plain/plncls.zip   to get the TEX style files.
```

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