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Author(s)

Forrest, S. ; Dept. of Comput. Sci., New Mexico Univ., Albuquerque, NM, USA ; Hofmeyr, S.A. ; Somayaji, A. ; Longstaff, T.A.

Abstract

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Keywords

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A method for anomaly detection is introduced in which "normal" is defined by short-range correlations in a process' system calls. Initial experiments suggest that the definition is stable during normal behaviour for standard UNIX programs. Further, it is able to detect several common intrusions involving sendmail and 1pr. This work is part of a research program aimed at building computer security systems that incorporate the mechanisms and algorithms used by natural immune systems

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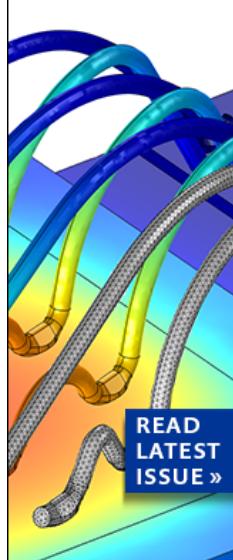
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