The Life Cycle of Vulnerabilities in the Representations of Software for Telecommunication Devices

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***Abstract*— The article describes a automated method for searching of low level and medium level vulnerabilities in machine code, which is based on its partial recovering. Vulnerability search is positioned in the field of telecommunication devices. Typical vulnerabilities in source code and algorithms for its search is given. There is forecast to develop methods and utilities in the near future.**

***Keyword*— machine code, reverse-engineering, static analyzer, telecommunication devices, vulnerability**

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2. M.V. Buinevich and others. Provision of organizational and technical support of stability of function and safety of general communications network./ Under the general editorship of S.M. Dotsenko.- Saint Petersburg: Publishing house SPbSUT, 2013.- 142 p.

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