Education in information security in Slovakia

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Information security (InfoSec) is a necessary condition of the information society existence. Human is at the same time the strongest and the weakest element of information security since (s)he presents one of the most serious threat factors, but (s)he is the basis of many security measures, too. To guarantee the smooth and correct functioning of information and communication technologies (ICTs), ICT must be correctly designed, implemented and administered and every of their user must follow at least a minimal set of simple rules. Regarding the global character of ICT, the protection of particular ICT must be coordinated and supported by appropriate legislation. The level of InfoSec awareness is in general insufficient and so are the numbers of InfoSec literate programmers, system administrators and InfoSec specialists. Slovakia encountered the importance of InfoSec and tries to raise its level. Slovak government adopted National strategy of Information security in 2008. One of the key tasks formulated in Strategy is awareness rising and InfoSec education. The Strategy defined the basic (InfoSec) categorisation of users (laymen, managers, programmers and administrators, InfoSec specialists-practitioners, InfoSec researchers and teachers) and the consequent documents proposed the educational needs for particular categories. The content and forms of information security educations and of its proposed organisation in Slovakia are briefly presented in the contribution.

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