

Information Security Threats: Concept, Classification and its Place in the Framework of the National Security Strategy

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Abstract: Information safety threats - this of information confidentiality , integrity and existence to break directed risks become their different forms there is . Threats classification information safety provide in the process important place holds Threats technical , software , human factors and natural to threats separate can Technician threats information technologies of infrastructure weaknesses through done is increased (for example , viruses , trojans , hacking attacks). Man factor with depends threats while of employees on purpose or accidentally errors , data stolen or from violation consists of Software threats harmful programs through done is increased , naturally threats while fire , water floods or another disasters in the form of will be of threats classification information safety strategies right planning and to risks suitable measures to see help gives.

Key words: information security , threats , technical threats , software threats , man factor , natural threats , viruses , hacking.

Information environment social of processes natural in the activity system harvest doer is a syllable . It's data consumption make , save and change processes provides . Information safety of the enterprise each how activity in the field efficient and reliable in operation main role plays This is a fact many of experts information safety issues attention with to look at help gives

Information of technologies active development account received without , things of the Internet of Things (IoT). appear to be and of globalization increased going pace business leaders for work or work release process more efficient and reasonable optimization for from information of use new methods open gives

From information efficient use not only of the company external connection, perhaps internal is also positive for communication effect shows. Certain decisions acceptance in doing objectivity evaluation and efficiency increase for many enterprises own in their work information again of work automated from systems they use of these processes productivity significant level increase and time expenses savings enable gives , this while in the end enterprise benefit increases . Like this systems very a lot to weaknesses have and this without security provide is the main issue remains.

Information safety threats possible has been types from classification before , this of the phrase there is etymology in detail seeing exit need Information safety threat - information safety break risk surface bringer a must and factors is a set ". National safety strategy of the concept of "threats " to us common definition gives and them " directly or indirectly chance harm " . of citizens constitutional rights , freedoms , dignity quality and marriage level , sovereignty and territorial the integrity of Uzbekistan stable development , defense and state safety to provide aimed at ". National values issues don't touch and the threat possible was , yet done not increased risk as determines Information safety not only real , maybe potential damage taking into account the threat take need Information safety threat is person , society and state safety to the situation potential or real risk giving birth possible has been factors and consequences set

These factors of Internet activity main principles list to be can Among them: hierarchy, democracy , decentralization , convergence and extraterritoriality principles . In general a threat under information safety when you say usually information safety and integrity threat that puts factors and conditions ,

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including a copy move , distribute , change , block do without permission access or protected to information permission not done another actions set is understood .

Information safety threats done increase three main element available: information source, to the environment effect and carrier. Information safety threats source material object , object or threat that puts known one physical event to be can of information effect to do environment - known programs , data or signals protected of information existence , integrity and privacy effect to do possible has been information distribution method . Information of the carrier role as material object or person as well as information area to be can

Threats done increase and surface of arrival negative consequences analysis to do of weaknesses possible has been sources , threats , as well them done increase methods mandatory to determine own into takes Information safety potential threats efficient and each bilaterally to determine and them eliminate reach for sure classification create need

Implemented information safety threats common classification:

- information safety threats to the source according to
- done increase probability level according to
- impact to do to the object according to
- done increase method according to
- of the source position according to
- of the source nature according to
- consequences according to

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