ПРОБЛЕМЫ УПРАВЛЕНИЯ ПРОЦЕССАМИ В КОМПЬЮТЕРНЫХ СИСТЕМАХ

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В работе обсуждаются некоторые особенности управления процессами в компьютерных системах. Приведена структура принятия решения в компьютерной системе.

Ключевые слова: компьютерная система, управление, принятие решения, структура.

Currently, one can observe the active development and implementation of computer systems. To increase their effectiveness, it is necessary to provide conditions for their appropriate management. The paper is devoted to these issues.

If you turn on the laptop and look at the number of Wi-Fi networks in some city, then there will be even two and not three of them, but much more.

Unfortunately, such distribution leads to the fact that many people put on wireless equipment, and not even sobering in the settings.

And the consequence of illiterate configuration can be the possibility of obtaining unauthorized access to the wireless network [1, 2].

The low level of security is undoubtedly a long time remained one of the main

disadvantages of W-Fi networks. Being based on VPN technology, the first BLBS provided data security at level 3, which retained the IP network vulnerability for attacks.

Development of modern computer systems is carried out when taking into account that different types of wireless networks interact [3].

The process of making a management decision is central in the management activities of the management of the enterprise. It is impossible to disagree with the statement that the competent leadership should be able to predict the development of strategically important situations for the enterprise in order to adopt the necessary managerial decision in a timely manner.

The decision-making function permeates all stages of management activities [4] and that the management was effective, the head must be familiar with the main technologies and technologies, with the help of the development, adoption and implementation of management decisions.

We note the features of the concept of developing effective management decisions.

First, it is a prerequisite for achieving the required modes of operation.

It is the management decision that determines the course of further sending to the effective resolution of the established problems, based on knowledge related to the objective laws of the work of managed systems and analysis of information [5].

Secondly, the management solution is to find and choose an alternative to the responsibility for the consequences of the decision, according to its official authority and competencies, which is aimed at ensuring the goals of the organization [6].

The result of the managerial solution will be the quality of the management solution, which is many solution parameters that satisfy the need for specific consumers and giving an economically justified implementation [7].

For a general case, the management decision is individual or group, it gives the definition of programs for the functioning of collectives associated with the effective resolution of the problems that have arisen on the basis of a plurality of complex, planned and reasonable management actions in order to realize management tasks [8].

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This process is the options and alternatives to solutions leading to a reduction in the gap between the current and subsequent state of the company.

The managerial decision must be justified, it must contain a quantitative basis, the calculated basis explaining the motive that it is precisely such a solution from a variety of other possible [8].

When finding a solution, you must view various options, analyze the situation from different view of the point of view, taking into account the consequences of each presented options, both positive and negative.

To understand the essence of the problem, it is desirable to attract employees involved in decision-making, debating and organizing "brainstorming".

In difficult cases, it is desirable to build a model of the problem and on it to consider all the options.

Stage of making management decision:

1. The wording of the problem in which the issues and installation are formed, information is collected, the definition of the conditions is carried out, an economic analysis of the situation on micro and macro levels is carried out [9].

2. Development of a solution plan, which includes the development of alternative solutions, an assessment of alternative solutions for social consequences, on economic efficiency, development and preparation [10] of an expanded decision plan on the basis of multivariate calculations.

3. Implementation of the decision with the provision of complete information and bringing decisions [11] to specific performers with constant control over the implementation of instructions and orders.

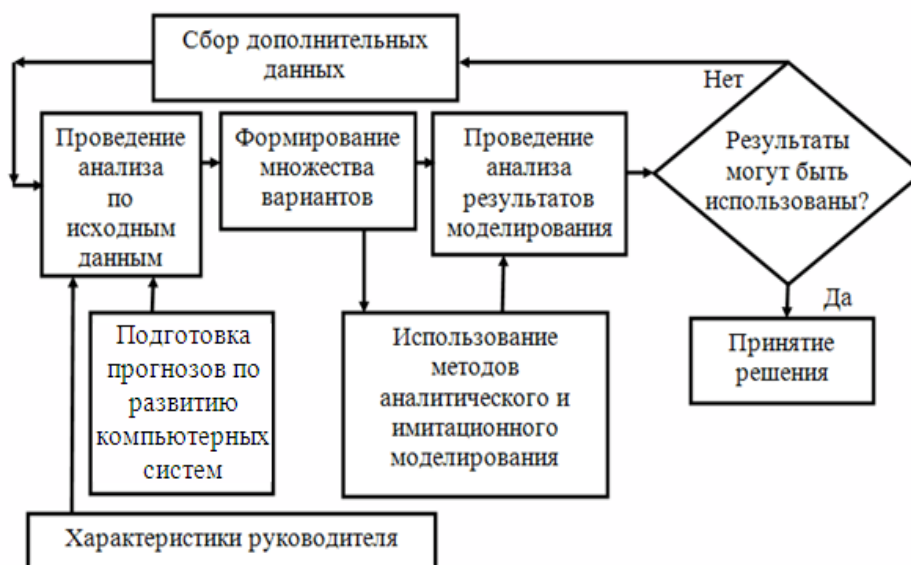Figure 1 shows the management decision-making structure in computer systems.

Figure 1. The structure of making management solution in computer systems

In this paper, the process of adopting management decisions in computer systems was considered.

In order to practice a positive result from the decision, you first need to become familiar with the theoretical decision-making process, which helps to comprehend the entire preparation structure for further implementation of the management decision.

It must be remembered that to improve this process not only to use accumulated management experience, but it is necessary to try

new development methods developed in the field of making management decisions.

All the presented methods are universal, the use of a specific technique depends on the actual content of the problem. If the method did not work, it's never too late to change strategies to reach a new level of decision-making.

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THE PROBLEMS OF PROCESS CONTROL IN COMPUTER SYSTEMS

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The paper discusses some features of process control in computer systems. The structure of decision-making in a computer system is given.

Keywords: computer system, management, decision making, structure.