Intelligent systems will manage the cloud

Machine learning will be increasingly used in the management of multi-cloud systems and equipment in the data center. This technologies got their own name — AIOps which means the AI for IT Operations. The growing popularity of AIOps is predicted by the publication Network World and Gartner. In 2019, 25% of organizations will use intelligent algorithms to control IT infrastructure.

AI systems for working with the cloud are already available in Oracle and Microsoft services. They help predict possible system failures and optimize workloads. There is a known case where a machine learning algorithm in the Azure cloud predicted a disk failure 20 minutes before it happened. This warning helped to quick migrate from defective server.

To control equipment in the data center platforms created by the IRE are created. The platform helped customers reduce operating costs by 79% and server outages by 86%.

1. When is it advisable to use cloud services based on intelligent systems?
2. Which services are already available to use AI for working with the cloud?
3. What is the advantage of using intelligent systems for working with the cloud?
4. How many percentage of cost reduction makes up using the IRE platform?
5. How many percentage of organizations plans to use intelligent algorithms for managing IT-infrastructure in 2019?
6. For what time algorithm of machine learning predicted failure before it occurred in the Azure cloud?
7. Which edition predicts the rise of popularity of AIOps technology?