

Manage information systems effectively

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Enhance security with Guardium



The addition to the IM portfolio by strengthening the information security solution **IBM InfoSphere Guardium** helps businesses ensure information security and monitor their databases effectively.

New software **Guardium** helps organizations maintain real-time monitoring of database access and activities; Help administrators resist attacks from hackers, protect users and comply with regulations.

The highlight of **InfoSphere Guardium** allows identifying sensitive information areas and limiting access to this information in a certain group of businesses, ensuring security for confidential information.

Mr. Ivan Chia, Head of IBM Southeast Asia Data Management Solutions, said that integrating **InfoSphere Guardium** solutions in IBM's Information Management software portfolio has enhanced IBM's ability to help businesses use it. use information as a strategic asset to innovate their businesses with competitive IT costs.

For example, **IBM DB2** database management software and Smarter Analytics Systems can lower overall data management costs by up to 30% and provide virtualization capabilities for every software version of the company, and collaborating with other vendors to ensure that customers are always good at virtualization, Ivan Chia said.

DB2 with powerful data compression capability lowers storage requirements and provides a faster, more efficient way to store and process XML data within a database.

Enhancing Guardium into the highly competitive database management software portfolio such as **DB2** and the information analysis system, IBM has a comprehensive and integrated portfolio of solutions to support customers in many chapters. Different processes: from managing unstructured databases to integrating information for businesses and analyzing that information to improve the level of optimization.

Management of environmental resources information

The IT Department is under the Ministry of Natural Resources and Environment with the main task of providing technology and service solutions for organizations and users related to information on the management areas of the Ministry. In particular, information about the sea and islands used IBM IT solutions. In addition, there is **DB2** database software - under the category of information management software - to address storage space management information challenges.

Mr. Hoang Lam Son, Deputy Director of IT Department of MONRE, said: IBM's IT solution, especially **DB2** data management technology has been helping IT Department to further improve the quality of spatial information management. geography such as standardized and reliable information, provides uniform views of marine and island data and geospatial information for end users. In addition, there are other data related to the field of environmental resources such as land resources, water resources, environment, meteorology and hydrology and climate change, geological minerals.

IBM IT solutions provided to MONRE include servers, electronic portal software and **DB2** geodatabase management software and WebSphere DataStage data processing software. The solution was implemented in 3 years from 2007.

According to Vo Anh Tam, Director of IBM Vietnam Software Division, many Vietnamese businesses are now facing the challenge of effectively managing the growing volume of data. Not only is the volume of information increasing every day, it also changes often. In order to have an intelligent information management strategy, organizations, especially those in the government, telecommunications and banking sectors need to have an effective trend when they invest in governance. Database to optimize their workloads.

Develop QA through Watson



Watson's system was used in the Jeopardy word puzzle.

IBM has just announced technology development Answer Questions (Question Answering - QA) inside Watson computer system. This is a system that will test people in Jeopardy!

This technology is co-operated by IBM with 8 universities, including: **Massachusetts** Institute of Technology (MIT), Texas at Austin University, Southern California University (USC), Rensselaer Institute of Technology (RPI), University of Albany (UAlbany), University of Trento (Italy) and University of Massachusetts Amherst join Carnegie Mellon University. In collaborating with IBM, the development of the first open architecture allows researchers to effectively collaborate on QA-based capabilities and then apply them to IBM's Watson system.

Watson's **QA** technology uses groundbreaking analysis capabilities to understand questions, analyze large volumes of data, and provide optimal answers based on evidence found. Research collaboration activities are regularly published and help to develop Watson's capabilities. Thereby, innovating the operation mode of businesses and communities as well as improving the operational efficiency of all sectors such as health, banking, government .

Dr. David Ferrucci , head of the IBM Watson project team, said: ' We are excited to partner with leading universities and experts in related fields who can contribute to the development of our companies. QA technology as the backbone of the IBM Watson system. The success of Jeopardy will break down barriers related to the capacity of computer technology to handle and understand human language, and will have a huge impact on the scientific fields. technology and business ' .

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