

Research on deploying a network monitoring system based on the open-source Nagios.

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Abstract: This topic focuses on researching and deploying a network monitoring system based on the open-source Nagios. The practical context highlights the necessity of a network monitoring system to ensure reliability and efficiency in information technology infrastructure management. The objective is to build and deploy a flexible, easily customizable solution to support organizations in quickly tracking and handling network incidents. The research methodology combines theory with experimentation to ensure the system's effectiveness. The significance of the topic lies in providing a sustainable network monitoring solution suitable for various types of organizations, contributing to improved service quality and infrastructure management.

Keywords: Network monitoring system, Nagios open source, IT infrastructure management