

Zabbix-based network monitoring solution

Nguyen Anh Dao

Abstract: In the context of increasingly important network infrastructure management and monitoring, this topic focuses on researching and deploying a network monitoring solution based on the Zabbix platform. The main objective is to build an effective monitoring system with high automation capabilities to support organizations in managing network infrastructure professionally. The research method combines theory and experimentation through the process of analyzing, designing, deploying, and testing Zabbix in a real network environment. The expected result is to provide a flexible solution with extensive monitoring of network metrics, contributing to improving network service quality and system performance.

Keywords: Network monitoring, Zabbix, Infrastructure management support, Automation