Building a system for detecting and preventing cyber attacks in an enterprise internal network.

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Abstract: In the context of increasingly frequent cyber attacks threatening enterprise network security, this topic focuses on building an effective system to detect and prevent potential risks. The main objective is to mitigate network risks through the deployment of appropriate security measures. The research methodology includes assessing the current situation, designing system architecture, conducting experiments, and optimizing attack detection technology. The significance of this topic lies in its direct applicability to enterprise practice, contributing to comprehensive network security enhancement.

Keywords: cyber attack, cybersecurity, prevention system, enterprise internal network, attack detection