

Research on IPv6 for wireless sensor networks and development of a data collection program from sensor networks via Tunnel

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Abstract: This topic focuses on researching the application of the IPv6 standard in wireless sensor networks to improve communication performance and expand connectivity capabilities. The objective of the topic is to develop a system for collecting data from sensor networks via Tunnel, aiming to optimize the information transmission process. The research method includes analyzing the theory of IPv6 as well as implementing practical applications. The expected results from this project not only contribute to the development of sensor network technology but also provide flexible solutions for monitoring and control applications in various fields.

Keywords: IPv6, Wireless sensor network, Data collection, Tunnel, Network engineering