

Evaluation of RIP routing protocol operation

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Abstract: In the context of the increasingly developed and important role of the internet in network systems, the issue of performance and stability of routing protocols such as RIP becomes urgent. This topic aims to evaluate the actual operation of the RIP protocol through a combination of theoretical research and empirical analysis. Thereby, it contributes to enhancing understanding of routing protocols and supporting more effective network management. The expected results of the topic not only provide an accurate assessment but also suggest directions for the future development of RIP.

Keywords: Performance evaluation, RIP routing protocol, Experimental analysis, Internet network, Network management