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Security Approaches to SDN-Based Ad hoc Wireless Network Toward 5G Communication

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Abstract

WSNs are especially vulnerable to persistent security threats due to their limited resources and their lack of a secured transmission medium. The WSN has an extensive network of resource constrained and self-organized sensor nodes. This type of sensor node tends to be set up in a spread-out way, which means you can build an ad hoc network without having to lay down specified

infrastructure or control it from a central location. The advancing of fifth generation (5G) networks is turning out to be all the more promptly accessible as a significant driver of the development of new applications and plans of action. SDN addresses the critical empowering influences of 5G innovation with the advancement of cutting-edge smart vehicular organizations and applications. This work depicts the activity of the design and sums up the chance to accomplish network security in a more effective and adaptable way with SDN-based ad hoc networks.

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