



Wi-SUN

Wi-

SUN 2012

Wi-SUN IEEE

802.15.4g

Wi-

SUN

<https://www.wi-sun.org/>

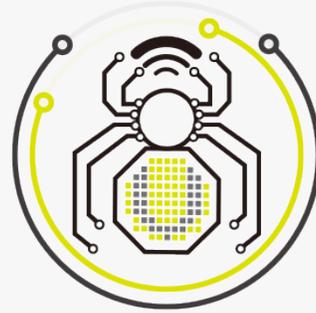
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## Wi-SUN FAN Stack Overview

IPv6 protocol suite

- TCP/UDP
- 6LoWPAN Adaptation + Header Compression
- DHCPv6 for IP address management.
- Routing using RPL.
- ICMPv6.
- Unicast and Multicast forwarding.

Security

- 802.1X/EAP-TLS/PKI Authentication.
- 802.11i Group Key Management
- Optional ETSI-TS-102-887-2 Node 2 Node Key Management

MAC based on IEEE 802.15.4e + IE extensions

- Frequency hopping
- Discovery/Join
- Protocol Dispatch (IEEE 802.15.9)

PHY based on 802.15.4g, 802.15.4u, 802.15.4v

- Various data rates and regions

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