

Quality of Protection Modeling Language: Models

WSN MULTIHOP AUTHENTICATION

December 14, 2014

QOP-ML



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QoP-ML Model: WSN Multihop Authentication

1.1 General Information

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| Model Name: | WSN Multihop Authentication |
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| Requires: | AQoPA 0.8.2 |
| Analysed In: | <i>Multihop Node Authentication Mechanisms for Wireless Sensor Networks</i> , ADHOC-NOW 2014: 402-418 |
| Date: | 2014 |

1.2 Model Description

The model presents different multihop node authentication protocols for wireless sensor networks.

It distinguishes two class of protocols:

1. Direct Join the Sink (DJS): a node joins directly through the sink,
2. Indirect Join the Sink (IJS): a node joins the network through intermediate node in order to reach the sink.

For further information please refer to *Multihop Node Authentication Mechanisms for Wireless Sensor Networks*.