

Security Threats for NHDP

draft-herberg-manet-nhdp-sec-threats-01

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Status

- -01 revision submitted Mar 12th
 - * 00 expired on May 16th, 2010
 - * added Jiazi Yi as co-author
- No comments on the mailing list yet

Update

- For NHDP threat:
 - * Added Eavesdropping
 - * Added Message Timing Attack (interval time attack, validity time attack)
 - * Added Indirect Jamming

Update (cont.)

- Completed Impact to protocol using NHDP (OLSRv2, SMF)
 - * MPR Calculation
 - * Routing Loops
 - * Invalid or non-existing paths to Destinations
 - * Data sinkhole

Next steps

- Other threats to be included?
- WG adoption of nhdp-sec-threats?
 - * Normative reference from NHDP-sec

Message timing attack

- Interval Time Attack
 - * sending HELLO message with very low interval time
- Validity Time Attack
 - * sending HELLO message with low validity time

Indirect Jamming

