

# Peering Data for NSLPs

draft-manner-nsis-peering-data

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# Problem statement

- For making peering decisions on reliable or secure sessions, GIST can only provide the NSLP ID and MRI as information
- No NSLP-specific information can be carried
- It would be beneficial to be able to include additional peering information in GIST Query messages

# The proposal

- Add a new GIST object: Peering Information Object (PIO)
- PIO carries additional information for the receiving node to base the peering decision on
- This information can be anything, the structure of the PIO object is similar to the NSLP-Data
- Yet, the PIO data is sent unprotected; this must be understood by the NSLP designers

# The proposal

- The "AB" flags must be set to "00", i.e., mandatory to understand
- The *GIST* API needs to include the peering data in the *SendMessage* and *ReceiveMessage* primitives
- Question is: do people see (as the authors do) the benefit of such a feature?