

3rd OLSR Interop/ Workshop 2006

Tokyo & Niigata, Japan



Organization

- Workshop (1 day):
 - KEIO Mita campus, Tokyo
 - morning: papers
 - afternoon: security & QoS discussions
- Interop (2.5 days):
 - 6 OLSRv1 (RFC3626) implementations, v6/v4 both
 - 4 OLSRv2 implementations
 - slightly different versions of I-Ds, but quickly fixed
 - yes, they did all interoperate in the end.



Design “Dogmas”

Remember 62th IETF in Paris ???

- Flexible and extensible where sensible:
 - external extensibility - new message types
 - internal extensibility - add information to existing msgs
- Unification of concepts/messages:
 - e.g.: OLSR TC, HNA, MID
 - e.g.: OLSR HELLO, MID
- Maintain/respect IP architecture
- The “Graduate Student Criteria”

PACKETBB

Status Update

`draft-ietf-manet-packetbb-02.txt`

Changes since last IETF

- Fragmentation removed
 - didn't do the job the name might indicate
 - done better elsewhere
- Clean/Clear-up of some wording

Remaining nits

- Address-Block-Semantics field rather than left-over head/tails bit
 - homogeneity of <meta-information><information>
- Type spaces
 - move text to IANA, discuss private/std usage allocation
- Verify examples in appendix

NHDP

Status Update

`draft-ietf-manet-nhdp-01.txt`

Remaining nits

- Awaiting packetbb-finalization
 - Verify example-packets/messages in appendix
- Editorial
- Review with SMF

OLSRv2

Status Update

`draft-ietf-manet-olsrv2-03.txt`

Remaining nits

- Awaiting packetbb & nhdp finalization
 - Verify example-packets/messages in appendix
- Lingering texts re old fragmentation
- Multi-address nodes
 - old: all nodes with multiple addresses generate TC
 - new:only MPRs generate TC for all addr of multi-addr nodes.