

draft-ietf-manet-nhdp

T.Clausen / J. Dean / C. Dearlove

draft-ietf-manet-nhdp

Status

- WGLC on -10 (30/08/09-05/10/09)
- NHDP-11 issued (27/10/2009)
 - Repeat addresses enabled if on distinct & isolated interfaces
 - Which addresses can be omitted in HELLO
 - Still one editorial nit (Thanks Teco)

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Way Forward

- WGLC completed
 - 1 editorial nit remains
- MIBs in process

➡ Ready to move this doc to IESG

➡ **Waiting on action from WG chairs**

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State Machines

- Learned from an AD that std.track protocols SHOULD be accompanied by state machines
- Suggestion by another AD to:
 - Write state machines in separate document (status: informational)
 - Move NHDP to IESG, ref work-in-progress doc.
 - Progress NHDP in IESG while finishing state machines as individual or in WG...

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State Machines

So Justin and I conspired...

...and have produced such a document....

0011
01**

L

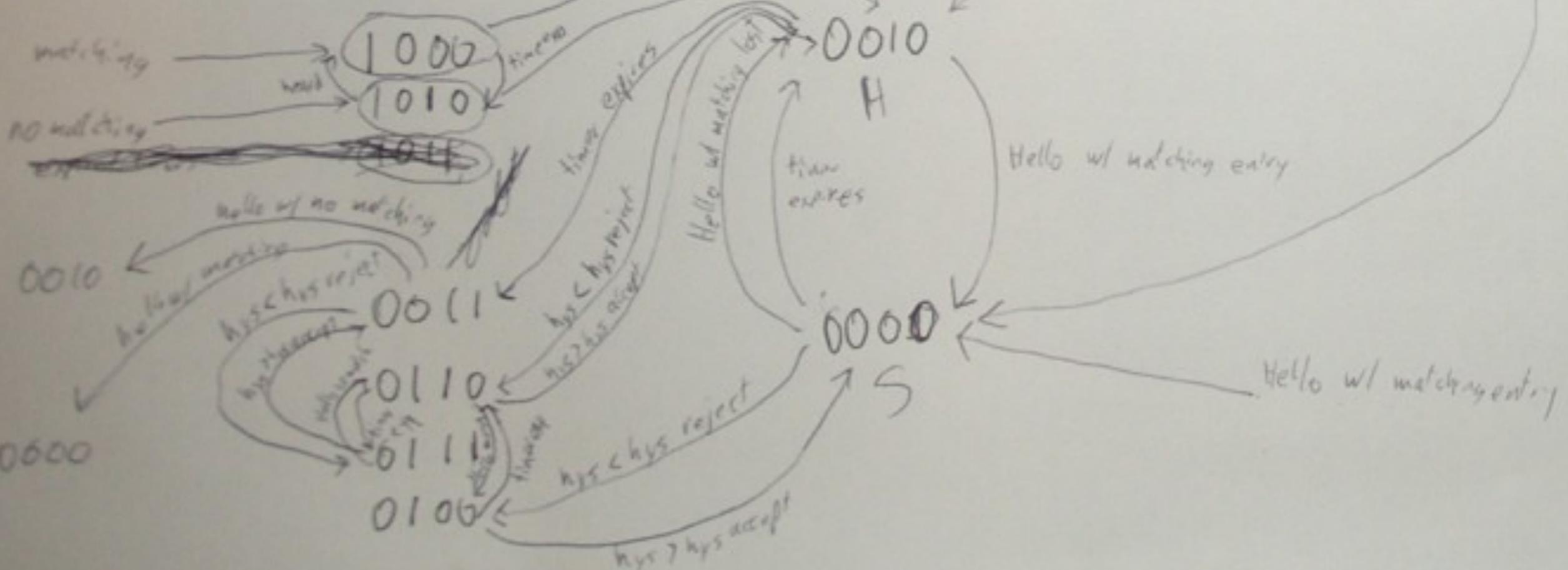
0000
S

Hello w/ ~~no match entry~~
0000

Pending: Lost
P L LST LHT
I is expired

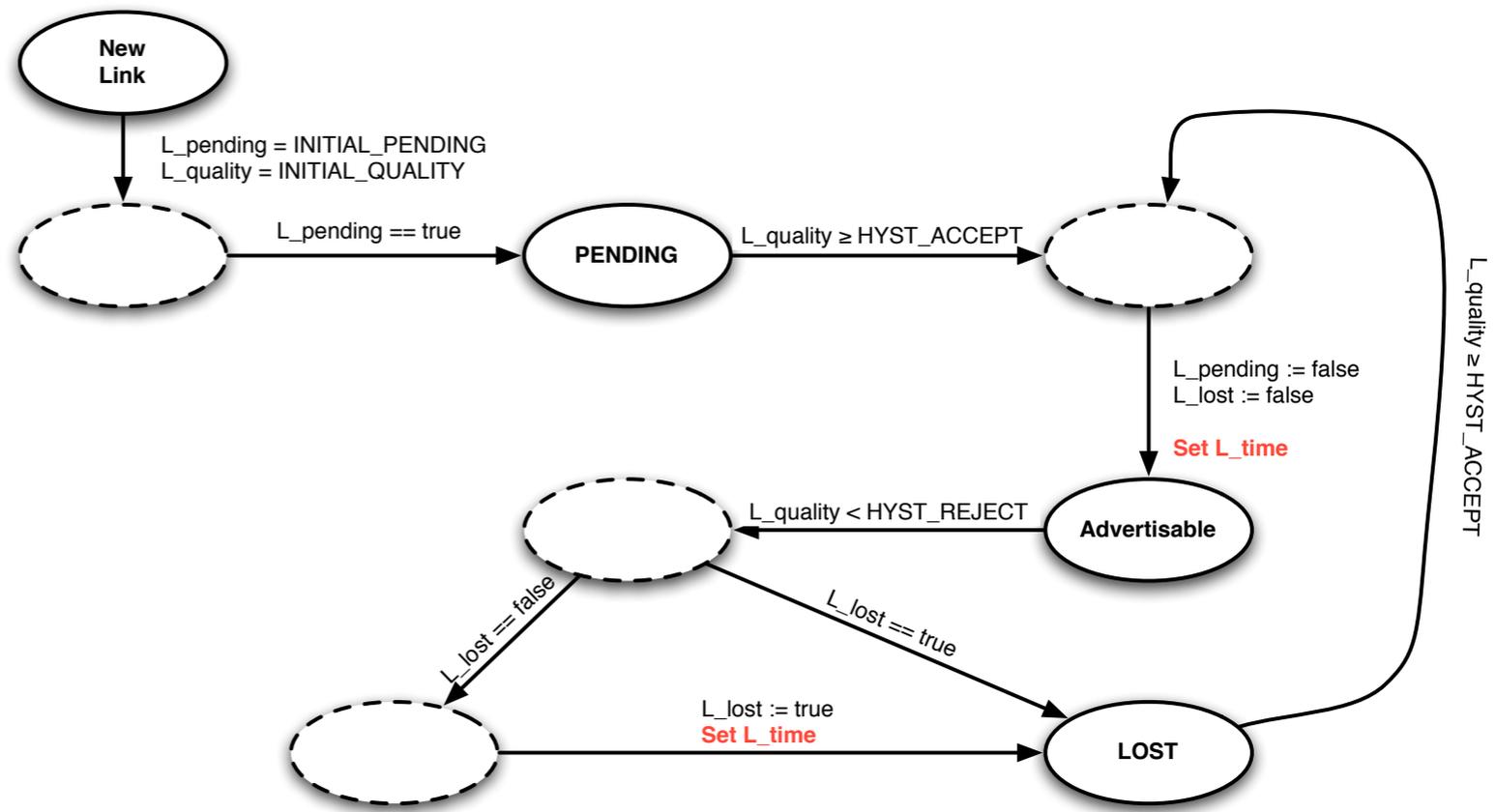
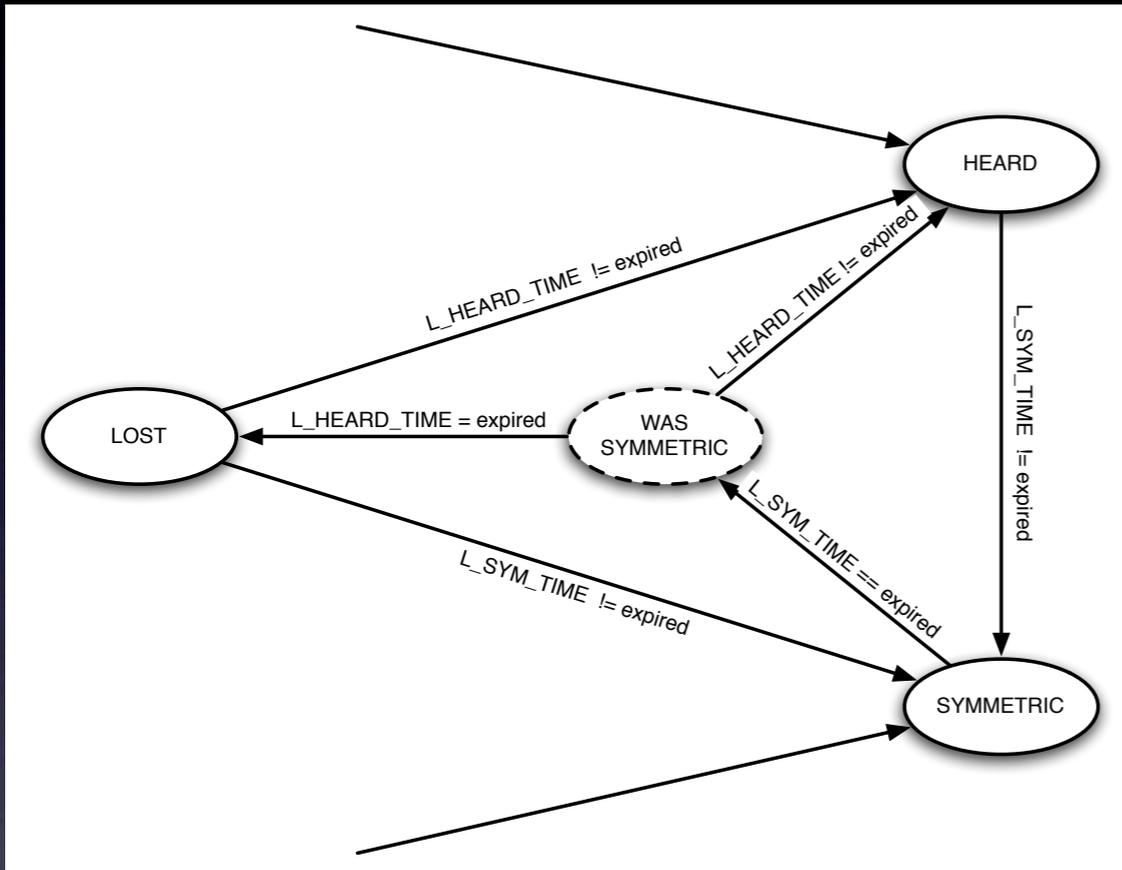
hys > hys accept

Hello w/ no matching entry



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State Machines



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State Machines

- Most FSMs Believed Done
 - two different FSMs/approaches, cross-check for correctness
- Need to I-D-ify
 - ASCII-art
 - Tables
 - Explanatory Text

Target: -00 within shortly

draft-ietf-manet-olsrv2
draft-dearlove-olsrv2-metrics

T.Clausen / C. Dearlove / P. Jacquet

draft-ietf-manet-olsrv2

Status

- Been on “backburner” - progres on NHDP is priority
- OLSRv2-10:
 - Caught-up with NHDP-10
 - Backbone/leaf simplification for routing graph
(See section 4.3.4, 6.3.2, 15)
 - Nitpicks, editorials

draft-ietf-manet-olsrv2

Way Forward

- Been on “backburner” - progres on NHDP is priority
- Fold in Metrics
- Major editorial overhaul
(postponed until Metrics fold in ready)
- State Machines ;)
FSMs for about half are ready (simpler than NHDP)
Expect I-D submission shortly

ETX Metrics Document

(This is just an announcement)

Status?

- Discussion on the list on ETX
- Almost overwhelming operational justification as a viable candidate metric

FunkFeuer.at

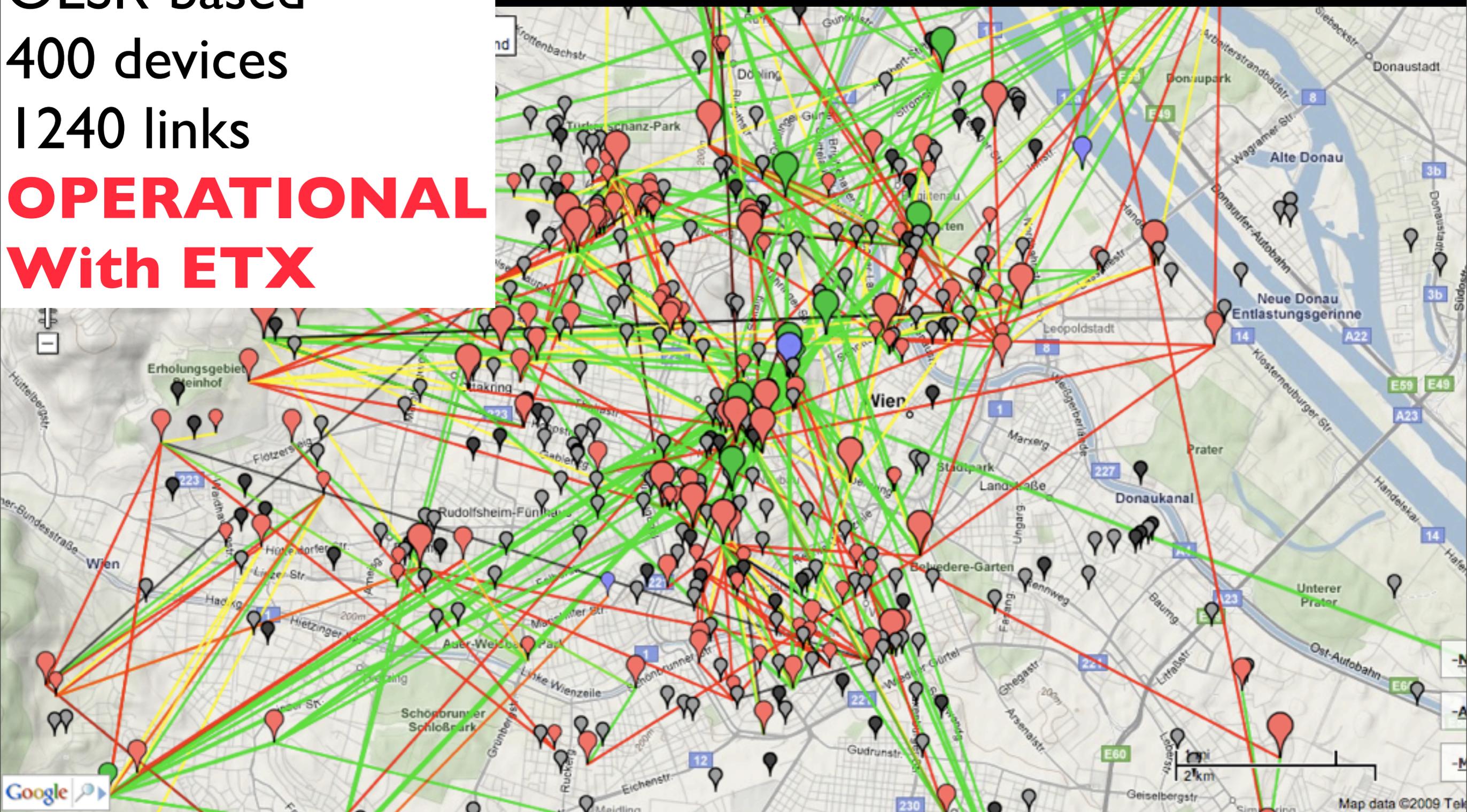
OLSR-based

400 devices

1240 links

OPERATIONAL

With ETX



Way Ahead

- I-D in the works:
 - Close to submission.
 - Based off the FunkFeuer.at
“existence proof” and experience
(Henning Rogge / Aaron Kaplan)

Summary

- **NHDP: Waiting for WG chair action**
 - Nit + NHDP FSM I-D
- OLSRv2: Waiting for NHDP
 - Metric + OLSRv2 FSM ID + Edit
- ETx:
 - I-D forthcoming