

OLSR... ..v2!

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Where we are?

Where to go?

# It is alive!

- NHDP (RFC6130) is done
- OLSRv2
  - sending (done)
  - forwarding (done)
  - processing (wip)

# It is alive!

- NHDP (RFC6130) is done
- OLSRv2
  - sending (done)
  - forwarding (done)
  - processing (done)
  - kernel routes (done!)

# Whats next?

To boldly go where no Olsr.org has gone  
before...

# Dualstack

- do both IPv4 and IPv6 at once
- no need for NIT or tunnels
- try to be compatible with “v4/6-only”

# Routing Metrics (1)

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but what is about link speed?

... and link stability?

# Routing Metrics (2)

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... even for unstable links!

# Routing Metrics (3)

we want stable descriptions of links!

... even for unstable links!

(We got a prototype of ETT today!)

# Multi-Topology Routing

What is the best routing metric?

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What is the best routing metric?

... for FTP downloads?

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What is the best routing metric?

... for FTP downloads?

... for VoIP?

MPR



# MPR

- important for Smartphone-based meshes

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- “stability” before “optimal MPR set”

# Link Hysteresis

- Are there links we don't want?

# Link Hysteresis

- Are there links we don't want?
- What is about unstable links?

# Multicast

this is a tough one

# Living in interesting times

Lets make the best out of it...