

DMM @ IETF#90

# Status

- Problem statement – in RFC editor’s queue
- Gap analysis – submitted to IESG for pub
  - IETF LC may change the “analysis” ..?
- Re-chartering – initiated, text to be completed
  - Current charter dates 2012-01-10
  - New charter draft dates 2014-06-14
  - Agree on re-charter text now (and next week); submit to IESG for internal review
- So far so good.. Only “few” months behind ;)

# Timelines for WG I-Ds..

- Requirements I-D
  - 2012-03-03 -> Individual -00
  - 2012-07-09 -> WG -00
  - 2013-11-25 -> WGLC #1
  - 2013-12-02 -> State to Waiting for Proto Write-up
  - 2014-01-09 -> Submitted to IESG
  - 2014-02-03 -> IETF LC
  - 2014-03-03 -> IESG TeleChat
  - 2014-06-06 -> Approved Announcement sent
  - 2014-07-20 -> AUTH

# Timelines for WG I-Ds cont'd..

- Gap analysis I-D
  - 2012-07-09 -> Individual -00 (draft-zuniga-\*)
  - 2012-12-08 -> Individual -00 (draft-liu-\*)
  - 2013-02-11 -> WG -00 (after merging..)
    - 2013-11-25 -> Requirements I-D WGLC #1
    - 2013-12-02 -> Requirements I-D submitted to IESG
  - 2014-03-13 -> WGLC #1
  - 2014-07-04 -> version -06 resolving WGLC #2
  - 2014-07-05 -> WGLC #3
  - 2014-07-12 -> State to Waiting for Proto Write-up
  - 2014-07-17 -> Submitted to IESG
  - 2014-07-20 -> ..

Presentations..

# About re-chartering

- Next IESG TeleChat 7<sup>th</sup> August
  - We could have a chance to get the charter text in there for the IESG internal review..
  - The charter text has to be stable by 31<sup>st</sup> July
- Are we up to this timeline?

# Areas to work on.. as identifier by the new to-be charter

- Distributed mobility management deployment models and scenarios
  - Informational; lays out possible deployment (system) architectures and how to apply DMM into those.
- Enhanced mobility anchoring
  - Standards track
- Forwarding path and signaling management
  - Standards track
- Exposing mobility state to mobile nodes and network nodes
  - Standards track

# Distributed mobility management deployment models and scenarios

- Individual I-Ds under the topic
  - draft-liu-dmm-deployment-scenario
  - draft-liebsch-dmm-framework



# Enhanced mobility anchoring

- Individual I-Ds under the topic
  - draft-aliahmad-dmm-anchor-selection
  - draft-bernardos-dmm-cmip
  - draft-bernardos-dmm-pmip
  - draft-bernardos-dmm-distributed-anchoring
  - draft-chan-dmm-enhanced-mobility-anchoring
  - draft-sarikaya-dmm-for-wifi
  - draft-seite-dmm-dma
  - draft-xuan-dmm-nemo-dmm
  - draft-korhonen-dmm-local-prefix
  - draft-yegin-dmm-cnet-homing
  - draft-xiong-dmm-ip-reachability
  - draft-templin-aerolink

# Forwarding path and signaling management

- Individual I-Ds under the topic
  - draft-matsushima-stateless-uplane-vepc
  - draft-mccann-dmm-flatarch
  - draft-sarikaya-dmm-for-wifi

# Exposing mobility state to mobile nodes and network nodes

- Individual I-Ds under the topic
  - draft-bhandari-dhc-class-based-prefix
  - draft-korhonen-dmm-prefix-properties
  - draft-liu-dmm-mobility-api
  - draft-yegin-ip-mobility-orchestrator

# Other I-Ds to consider

- Exposing mobility state to mobile nodes and network nodes
  - draft-kk-mpvd-ndp-support
  - draft-kkb-mpvd-dhcp-support
  - draft-kkbg-mpvd-id
  - draft-bhandari-dhc-class-based-prefix
- We probably missed a dozen of I-Ds..

# Proposed working procedures till IETF#91

- Aggressive schedule asked for.. thus:
  - (bi-)weekly virtual WG meetings (times selected so that one co-chair can always be comfortably present)?
- Pick your favorite topic and volunteer
  - Smaller teams to work on milestones to produce (or select?) the initial I-D skeleton (i.e. not necessarily -00) for WG to work on
  - One or two editors per I-D; rest are named contributors
  - Hopefully no considerable author/contributor overlap
  - Kicks off after the first virtual WG meeting
- WG can live with this approach/plan? If not we'll use the first virtual meeting to resolve the marching order.

# (P)MIPv6 maintenance

- Continues as a side track
  - No “new work”; just clean up of existing work and clearly maintenance/bis oriented I-Ds
  - “New work” acceptable if clear external pull