

# Rechartering the mobileip WG

- Suggestion from ADs to recharter at this time
- Current charter/milestones outdated!
- Desire for better focus
- Chairs suggestion based on realization that MIPv4 versus MIPv6 are quite different activities

# MIPv4 versus MIPv6 activities

- Different maturity levels
  - MIPv4 base spec done for years
  - MIPv6 just nearing that stage
- Different goals
  - MIPv4: Deployment (and fixing some stuff)
  - MIPv6: Finishing basic functionality (and optimizations)
- (Mostly) different constituencies
- Current WG has a split personality

# 1 Proposal: Split into two WGs

- Mobile IP Deployment WG – mipdep
  - Operator issues
  - Other standard organizations' requirements for deployment
  - NOT MIPv4 specific!
- MIPv6 WG – mipv6
  - Finishing basic functionality
  - Extensions for optimisations (somewhat experimental but required for the future)
- Pro: Narrower charters, better focus (“divide and conquer”)
- Cons: Each WG may lose some participants (or  
i.e. (“D...”))

# Mobile IP Deployment WG Activities

- Deployment and operational concerns
  - VPN internetworking for MIPv4
  - LPAS refinements for MIPv4
  - NAI extensions for MIPv4
  - Challenge-response for MIPv4
  - Registration revocation for MIPv4
  - MIB's (for both v4 and v6)
- Other future ones prompted by operational concerns
- Experimental efforts (lmm, regional reg's, fmipv4)
- Current focus in MIPv4, but MIPv6 also ok

# MIPv6 WG

- Basic functionality
  - MIPv6 spec and HA-MN IPsec spec
  - Bootstrapping: MN starting away from home, etc
  - Later: MIPv6 spec into smaller documents
- *Some Optimizations (experimental by default)*
  - HMIPv6
  - FMIPv6
  - ND modifications: done by IPv6 wg with our help/coordination/harassment? Joint document?
  - Movement detection
  - Simultaneous bindings?
  - Optimistic/Fast DAD, router discovery, etc

# Questions?

- .Will my draft now have to be reapproved?
  - Drafts will mostly be moved over and adopted automatically, but we will use this opportunity to reconsider work items.