

Ad-Hoc Network Autoconfig. (autoconf) WG 64th IETF, Vancouver, 2005

Agenda

Agenda Bashing – Chairs : 5 min

Charter Presentation - Chairs : 10 min

MANET Architecture discussions – Chairs : 20min

Problem Statement discussions - Perkins : 15 min
(draft-singh-autoconf-adp-02.txt)

Framework for MANET autoconf - Mase : 10 min
(draft-mase-autoconf-framework-01.txt)

**Multi-gateway considerations (if time permits) –
Simon Ruffino**

WG Charter

Changes (since autoconf BOF)

- Added paragraph on MANETs
- Added “MANET architecture” document deliverable
- Removed solution space assumptions (e.g. ND/DHCP based)

WG objectives

- Standardize mechanisms for MANETs, allowing nodes to
 - configure unique local addresses
 - configure global addresses
 - operate under IPv6
 - promote address uniqueness

Deliverables

- MANET architecture doc
- Terminology and problem statement doc
- Address configuration mechanism for IPv6 MANETs
 - unique local addresses
 - global (where applicable) addresses
- Mechanism for address-uniqueness maintenance even after network merger

WG Milestones

- Oct 05: Submit “MANET architecture” document for WG review
- Nov 05: Submit “terminology and problem statement” document for WG review
- Apr 06: Submit “MANET architecture” document to IESG for publication as an informational RFC
- May 06: Submit “terminology and problem statement” document to IESG for publication as an informational RFC
- May 06: Submit initial I-D of IPv6 address autoconfig mechanism for WG review

WG Milestones

May 06: Submit initial -ID of "configured address uniqueness maintenance" for WG review

Sep 06: Revise WG documents and review

Dec 06: Revise documents based upon implementation experience

Apr 07: Submit IPv6 address autoconfig mechanism specification and supporting documentation to IESG for publications as Proposed Standard

Apr 07: Submit configured address uniqueness maintenance specification and supporting documentation to IESG for publications as Proposed Standard

Oct 07: Close or re-charter the WG

Questions ?