

Autoconf Problem Statement

Update of the document

moved to working group document:

draft-ietf-autoconf-problem-statement-00

- reflects comments from Charlie, Fred, Alex
- updates to security section (FT comments)

Document walk-through: Scenarios

- **Standalone MANET**
- **Connected MANET**
 - ★ single gateway
 - ★ multiple gateways

Document walk-through:

Goals

- ★ **Initial address assignment/prefix delegation in MANET**
- ★ **Continued address / prefix uniqueness in MANET**

Document walk-through:

Motivation

- **Current protocols are not designed for MANET interface characteristics**
 - ★ Multi-hop support
 - ★ Dynamic network topology
 - internal dynamism
 - gateway dynamism
 - ★ Network merging/partitionning

Document walk-through: Issues & Considerations

- **Issues:**

- ★ Address/prefix configuration
- ★ Address/prefix uniqueness
- ★ MANET border routers management

- **Considerations:**

- ★ overhead
- ★ convergence time
- ★ trust
- ★ interaction with existing protocols

Comments on -00

- ★ Fred : Terminology (MLA, MNBR)? + editorial
- ★ Teco : Details on ingress filtering (topology correctness)?
- ★ Alex : More details about potential use of DHCP?
- ★ Enhance considerations description?

- -01 expected next week.