AUTOCONF wg

IETF '77 - Anaheim

Practicalities

- IPR reminder - RFC 3979
  - https://datatracker.ietf.org/public/ipr_disclosure.cgi
  - If you know about IPR relevant to the technology and You are contributing, you have to speak up
- Jabber:
  http://jabber.ietf.org/
  autoconf@jabber.ietf.org
- Audiocast:

  http://tools.ietf.org/agenda/76/
  Please state name CLEARLY at mike

Agenda

- Notes takers, blue sheets, agenda bash - Chairs, 5min

- WG status update - Chairs, 5 min

- RFCxxxx - IP Addressing Model in Ad Hoc Networks by Baccelli, 5 min

- Introduction of RANGER, VET, and SEAL by Fred, 15min
  http://www.ietf.org/rfc/rfc5720.txt, http://www.ietf.org/rfc/rfc5558.txt, http://www.ietf.org/rfc/rfc5320.txt

- 6LoWPAN Neighbor Discovery by Zach, 10min
  http://tools.ietf.org/html/draft-ietf-6lowpan-nd-08

- Solution-space analysis by Carlos/Hassnaa, 15min
  https://tools.ietf.org/html/draft-bernardos-autoconf-solution-space-02

- Survey of existing protocols by Carlos/Hassnaa, 15min
  https://tools.ietf.org/html/draft-bernardos-manet-autoconf-survey-04

- Border Router Discovery Protocol (BRDP) based Address Autoconfiguration by Teco, 15min
  http://tools.ietf.org/html/draft-boot-autoconf-brdp-02

- Autoconf via XREQ/XREP (Global6), Charlie P., 15min
  https://tools.ietf.org/html/draft-wakikawa-manet-globalv6-05

- Another Autoconf Proposal by Ulrich Herberg, 15min

- Next Steps

- WrapUp

WG Status Update

Autoconf Status Pages

Ad-Hoc Network Autoconfiguration (Active WG)

Login | **Drafts** | **Agendas** | **Minutes** | **Wiki** | **Issues** | **Charters** | Jabber **Room,Logs** | **List A**

Working Group Documents:

Draft name	**Rev.**	**Dated**	**Status**	**Comments, Issues**
RFC-Editor's Queue:				
draft-ietf-autoconf-adhoc-addr-model	-03 *new*	2010-03-22	RFC Ed Queue	

WG Charter

In order to communicate among themselves, ad hoc nodes (refer to RFC 2501) need to configure their network interface(s) with local addresses that are valid within an ad hoc network. Ad hoc nodes may also need to configure globally routable addresses, in order to communicate with devices on the Internet. From the IP layer perspective, an ad hoc network presents itself as a L3 multi-hop network formed over a collection of links.

The main purpose of the AUTOCONF WG is to describe the addressing model for ad hoc networks and how nodes in these networks configure their addresses. It is required that such models do not cause problems for ad hoc-unaware parts of the system, such as standard applications running on an ad hoc node or regular Internet nodes attached to the ad hoc nodes. This group's effort may include the development of new protocol mechanisms, should the existing IP autoconfiguration mechanisms be found inadequate. However, the first task of the working group is to describe one practical addressing model for ad hoc networks.

Once this sole work item is completed, the group can be rechartered to work on additional issues.

The Future?

- Recharter?
  - Topics - Solution Space
  - Group Energy?