

ROLL Working Group Meeting

IETF-84, Vancouver, July 2012

Online Agenda and Slides at:

https://datatracker.ietf.org/cgi-bin/wg/wg_proceedings/roll-84

Co-chairs: JP Vasseur/Michael Richardson

ADs: Adrian Farrel / Stewart Bryant

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- Agenda/admin (Chairs - 5mn) [5]
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- 1) WG Status (Chairs - 10 mn) [15]
- 2) Security Framework plan (Chairs - 5m) [20]
- 3) Applicability Statement template (Chairs - 10m) [30]
- draft=draft-richardson-roll-applicability-template-00
- 4) RPL deployment experience in large scale networks (10mn) [40]
- draft=draft-hui-vasseur-roll-rpl-deployment-01
- 5) Multicast Forwarding Using Trickle [50]
- draft=draft-ietf-roll-trickle-mcast-0
- 6) Multicast requirements for control over LLN (10mn) [60]
- draft=draft-vanderstok-roll-mcreq-02"
- 7) sbootstrap, core and 802.15.9 [70]
- Carsten Borman (15min)

Charter Review and Milestones

- *Cont'*
 - draft-ietf-roll-minrank-hysteresis-of => Done
 - draft-ietf-roll-p2p-rpl => Passed WG Last Call
 - No New WG Document
 - Important discussion today on:
 - Applicability statement series: “Use of RPL in AMI Networks”
 - Security
 - Trickle Multicast
 - Some deployment feed-back □

IETF WG ROLL status as of today

Done Submit Routing requirements for Industrial applications to the IESG to be considered as an Informational RFC.

Done Submit Routing requirements for Connected Home applications to the IESG to be considered as an Informational RFC.

Done Submit Routing requirements for Building Automation applications to the IESG to be considered as an Informational RFC.

Done Submit Routing requirements for Urban applications to the IESG to be considered as an Informational RFC.

Done Submit Security Framework to the IESG to be considered as an Informational RFC.

Done Submit Routing metrics for LLNs document to the IESG to be considered as an Informational RFC.

Done Submit first draft of ROLL routing protocol specification to the IESG to be considered as an Informational RFC.

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Jun 2011 Submit first draft of RPL applicability statement for Industrial applications to the IESG to be considered as an Informational RFC.

Jun 2011 Submit first draft of RPL applicability statement for Building Automation applications to the IESG to be considered as an Informational RFC.

Jul 2011 Submit first draft of RPL applicability statement for Home Automation applications to the IESG to be considered as an Informational RFC.

Jul 2011 Submit first draft of RPL applicability statement for Urban applications to the IESG to be considered as an Informational RFC.

Oct 2011 Submit RPL applicability statement for Industrial applications to the IESG to be considered as an Informational RFC.

Oct 2011 Submit RPL applicability statement for Building Automation applications to the IESG to be considered as an Informational RFC.

Nov 2011 Submit RPL applicability statement for Home Automation applications to the IESG to be considered as an Informational RFC.

Nov 2011 Submit RPL applicability statement for urban applications to the IESG to be considered as an Informational RFC.

Dec 2012 Evaluate WG progress, recharter or close.

Close of security
Framework + move
forward on protocols -
Producing applicability
statements