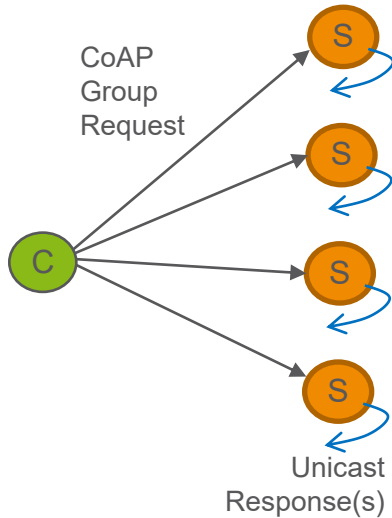


Group Communication for the Constrained Application Protocol (CoAP)



draft-ietf-core-groupcomm-bis-12

IETF 121, Dublin, November 2024

Esko Dijk – [IoTconsultancy.nl](https://www.loTconsultancy.nl)
(presenting)

Co-authors:
Marco Tiloca
Chonggang Wang

Recap & Goal – Groupcomm-bis

- › **Normative successor of experimental RFC 7390**
 - Obsoletes RFC 7390, Updates RFC 7252 / RFC 7641
- › **New standard reference for implementations** now based on RFC 7390
- › **Scope**
 - CoAP IP multicast group communication, including latest features: Observe / Block-wise / Security / No-Response Option ...
 - Unsecured & group-OSCORE-secured communication
 - Definition of group types & Secure group configuration

Main Updates Since -10 (@IETF-118)

- › Updates based on Christian's review comments (thanks!)

- › New ...

- Use of Block2 Option for GET / FETCH group request
- Revised strategies to handle identical ETags from multiple servers
- Appendices E and F added: Issues and Limitations with Forward- and Reverse-Proxies
 - › Cleans up & streamlines the main text: not focus on what we “can't do”

- › Clarified ...

- Many editorial improvements and clarifications
- RFC 7967 'No-Response' Option as normative reference

- › Simplified ...

- Application group naming section
 - › Focus on recommended methods & avoid listing all possible methods

Next Steps

- › **Last update -12 was done based on extensive review by Christian**
 - waiting for Christian & WG to confirm that changes are good!

- › **WGLC was done in April 2022 on -06**
 - review comments by Carsten were addressed in -07
 - waiting for confirmation that comments were addressed!

Open Issues / PRs – Github

› <https://github.com/core-wg/groupcomm-bis>

› **0 issues open**

› **0 PRs open**

Thank you!

Comments/questions?

<https://github.com/core-wg/groupcomm-bis>
core@ietf.org

<https://iotconsultancy.nl/>