IEEE P802.11
Wireless LANs

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| Call for Contributions for the BCS TIG/SG (Broadcast Services) |
| Date: 2018-03-08 |
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Abstract

Call for contributions for the BCS (Broadcast Services) SG meeting in May 2018.

**Call for Contributions for the BCS TIG/SG (Broadcast Services)**

**Preface**

The IEEE 802.11 Working Group approved in its January 2018 meeting the motion to request the EC to form a study group for broadcast services (BCS). The motion will be considered by the next regular EC meeting at the end of the March 2018 plenary. Hence, the group will operate as a technical interest group (TIG) during the March 2018 meeting and will then – pending to EC approval – transition into a study group.

This call for contributions aims at fostering submissions to the BCS SG for the May 2018 meeting to stipulate technical discussions on how to enable or enhance broadcast services for 802.11 and to prepare the group to draft a PAR once it transitions into a study group.

**Call for Contributions**

This announcement requests contributions to the Broadcast Services (BCS) SG for the May 2018 face-to-face meeting. Submissions should aim at stipulating discussion on how to enable or enance broadcast services for 802.11 and to prepare the membership of the BCS TIG/SG to draft a PAR.

Without limiting the scope of submissions, contributions on the following topics are encouraged:

* Definition of “broadcast services”
* Gap analysis for broadcast services
	+ How can it be achieved with existing 802.11
	+ What are the implictions / performance issues with existing 802.11
* Expected benefit / performance increase (e.g. 3 times better)
* Security requirements
	+ Privacy
	+ Authentication (end-to-end vs per link)
	+ Trust model
* Higher layer protocols to work with
	+ What are they?
	+ What are their demands
* Elaborating the broad market potental of broad cast services
	+ Use-cases and scenarios for broadcast services over 802.11
	+ Vendors, users, and stakeholders interested in BCS for 802.11
* Distinct Identity of a project providing BCS for 802.11
	+ Technical scope / missing technical features
	+ Summary of other technologies providing broadcast services and how BCS for 802.11 will differ
* Technical feasibility for providing broadcast services over 802.11
* Elaboration of econimic feasibility
	+ Known Costs / Commercial relevance of providing broadcast services over 802.11 (Note: please do not discuss licensing cost or cost for specific equipment)
	+ Balance of cost (infrastructure vs. attached stations)
	+ Operational cost

In order to submit a contribution, please

* obtain a document number under the “BCS TIG/SG” category on mentor[[1]](#footnote-1) and
* inform the Chair of the BCS group (M. Emmelmann, emmelmann@ieee.org) about your intended submission in order to allocate presentation time on the agenda.

**References:**

* 11-18/0528r0 – Summary of BCS Discussion Points,
 <https://mentor.ieee.org/802.11/dcn/18/11-18-0528-00-0bcs-summary-of-bcs-discussion-points.pptx>
1. If you do not have write access to the document repository, please contact the BCS Chair. [↑](#footnote-ref-1)