IEEE 802.1 Working Group
DRAFT Liaison Communication

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| From: | Glenn Parsons | Chair, IEEE 802.1 Working Groupglenn.parsons@ericsson.com |
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| Subject: | Liaison to IEEE 1722 regarding address assignment protocol in P802.1CQ (Multicast and Local Address Assignment) |
| Approval: | t.b.d. |

Dear Dave,

The IEEE 802.1 Working Group is developing a standard in the P802.1CQ project, on Multicast and Local Address Assignment. The work is assigned to our OmniRAN Task Group.

It has come to our attention that IEEE 1722-2016 ("Transport Protocol for Time-Sensitive Applications in Bridged Local Area Networks") includes specification of the "MAC Address Acquisition Protocol" (MAAP) that seems intended for a similar purpose. We understand that applications have deployed MAAP in conjunction with 802.1 TSN standards.

At this time, we are considering whether it might be appropriate for P802.1CQ to reference or incorporate aspects of IEEE 1722 MAAP. Ideally, we would prefer to continue to support the current applications of the protocol. We are also considering extensions to support, for example, server-based allocation in addition to peer-to-peer claiming. Also, we intend to support a variety of usage models that may exceed those considered in IEEE 1722 MAAP. We have noticed that IEEE 1722 makes use of a specific OUI and EtherType, which may raise some issues for this purpose.

While we do not have specific intensions to make use of MAAP or a complete understanding of the issues that might arise, we would nevertheless like to convey our interest in potentially making use of MAAP. We welcome your thoughts regarding your views on this topic and what concerns we should consider going forward in order to ensure continuous support and compatibility with your existing user base.

Sincerely,

Glenn Parsons

Chair, IEEE 802.1 Working Group

1. This document solely represents the views of the IEEE 802.1 Working Group,and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802. [↑](#footnote-ref-1)