P802.1CS Link-local Registration Protocol PAR & CSD

Resolution of comments
received from IEEE 802 WGs

November 9, 2016

Comments from the IEEE 802.11 WG

802.1CS - Standard: Link-local Registration Protocol, PAR and CSD

PAR:

5.2 "rapidly, accurately, and efficiently"

do you have any metric to quantify these adverbs.

5.5 – expansion of first use Acronym

Change MRP "802.1Q Multiple Registration Protocol"

to "802.1Q Multiple Registration Protocol (MRP)"

5.5 – Quantify: smaller vs bigger – give numeric range for each.

CSD:

1.2.1 – MRP acronym expansion needed.

Change "New applications like industrial automation" to "New applications in industrial automation"

1.2.3 LRP and LLDP expansion needed

Suggestion – add a use case example to expand the 2nd paragraph 1.2.4 What is IS-IS? Please expand.

802.11 Comment #1 on PAR:

5.2 "rapidly, accurately, and efficiently" –

do you have any metric to quantify these adverbs.

Response:

It is impractical to assign numerical values for rapidity, accuracy, and efficiency for a software protocol, as opposed to a physical link. As indicated in 5.5 Need for Project, these words can be read as, "more rapidly, accurately, and efficiently than MRP." We have removed those words, see modified 5.2 scope.

802.11 Comment #2 on PAR:

5.5 expansion of first use Acronym

Change MRP "802.1Q Multiple Registration Protocol" to "802.1Q Multiple Registration Protocol (MRP)"

Response:

Suggested change applied.

802.11 Comment #3 on PAR:

5.5 – Quantify: smaller vs bigger – give numeric range for each.

Response:

"designed for much smaller database and inefficient for applications with bigger database" has been changed to "optimized for databases up to 1500 bytes, and slows significantly when used for larger databases".

802.11 Comment #4 on CSD:

1.2.1 – MRP acronym expansion needed.

Response:

Replace the first "MRP" with "802.1Q Multiple Registration Protocol (MRP)"

Change "New applications like industrial automation" to "New applications in industrial automation"

Response:

"New applications like industrial automation require" has been changed to "New applications, including industrial automation or audio/video for large venues, require".

802.11 Comment #5 on CSD:

1.2.3 LRP and LLDP expansion needed

Response:

The first "LRP" has been replaced with "Link-local Registration Protocol (LRP)" and the first "LLDP (802.1AB)" has been replaced with "Link Layer Discovery Protocol (LLDP, IEEE 802.1AB)".

802.11 Comment #6 on CSD:

Suggestion – add a use case example to expand the 2nd paragraph 1.2.4.

Response:

The text in 1.2.4 has been updated to make it clear that the IS-IS routing protocol is a use-case example.

What is IS-IS? Please expand.

Response:

"IS-IS" has been replaced with "the Intermediate System to Intermediate System (IS-IS, ISO/IEC 10589:2002) routing protocol"

Comments from the IEEE 802.3 WG

802.3 Comment #1 on PAR:

PAR, 5.2 Scope—The scope appears in the standard and therefore should be written in present tense. While the first sentence does describe what is in the standard, the last sentence needs to be rewritten to describe what is in the standard, not what will be provided.

Response:

Rewrite the last sentence in present tense as

"LRP is optimized for databases on the order of 1 Mbyte."

802.3 Comment #2 on CSD:

CSD—The answers are very terse, causing some to infer that the CSD questions were not taken seriously.

Response:

We have elaborated the following sections further: 1.2.1, 1.2.2 and 1.2.5. We intentionally use concise language in the CSD.