IEEE 802.19.1a
Wireless Coexistence

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| Comment resolution on CID42 |
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| Author(s): |
| Name | Company | Address | Phone | Email |
| Sho Furuichi | Sony |  |  | Sho.Furuichi@sony.com |
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Abstract

This document provides comment resolution on CID42.

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| Comment ID | **Page No.** | **Section** | **Line No.** | **Type (General, Editorial, Technical)** | **Comments** | **Proposed changes** | Resolutions |
| 42 | **12** | **5.2.15** | **11** | **Technical** | **Annex D** | **Annex D should be provided to describe the example of how to get the association information.** | same as comment 7 |

===== (Text starts)

**Annex D** (informative)

**Use cases**

# **D.5 CM Discovery**

In order for CE to initiate CM association procedure as specified in 5.2.16, CE needs the information to communicate with CM, i.e. CM Discovery. Depending on deployment scenario, multiple CMs are administrated by different organizations/companies.

There are several options (implementation-dependent) for CM Discovery such as follows

* **Pre-installation of access information**

If GCO is implemented together with CE, the manufacturer can pre-install one or more CM information for communication.

* **Listing server**

Listing server can be used for CE to obtain information for access to CM. Same concept as TVWS database web-listing server such as specified in ETSI TR 103 231 can be adopted. In this TR, listing of regulatory domains and weblistings are provided. Like this, CM administrators and weblistings can be provided by CM listing server. In this case, access information to the CM listing server should be pre-installed into CE by manufacturer.

Figure D.4 shows an example architecture of CE communicating with CM listing server.



**Figure D.9 Example architecture of CE communicating with CM listing server**

Figure D.10 shows an exapmle of CM Discovery procedure with CM listing server.



The request may include CE ID. Additionally, geolocation information can be included.

After receiving the request, the CM listing server generates CM association information list. The CM association information list can include IP address, port number, CM ID, supported profile indicator, coexistence service type and so on.

After the list generation, the CM listing server sends response to the requesting CE.

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