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| Project | **IEEE 802.21.1 Media Independent Services** **<**[**http://www.ieee802.org/21/**](http://www.ieee802.org/21/)**>** |
| Title | **Proposed Remedy for LB9 Comments** |
| DCN | **21-16-0032-00-SAUC** |
| Date Submitted | **February 17, 2016** |
| Source(s) | Subir Das (ACS)  |
| Re: | IEEE 802.21.1 BRC Teleconference |
| Abstract | This document provides remedy for LB9 comments (#2, #87, #88-90, #100, #156)  |
| Purpose | Proposed resolution for LB9 Comments  |
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Cmt #2: Purpose language can be improved.

**Proposed Remedy:**

1.2 Purpose

The purpose of this standard is to improve the user experience and management of mobile devices by describing the necessary use cases and services to facilitate interworking between IEEE 802 networks. These use cases and services need to be implemented using the framework described in IEEE Std 802.21 XXXX. The services described in this specification are also applicable for interworking between IEEE 802 networks and non IEEE 802 networks (e.g., Cellular networks).

Cmt #87: Scope language can be improved and align with the PAR

**Proposed Remedy:**

1.1 Scope

This standard defines extensible handover and other services (e.g., Home Energy Management System, Software Defined Radio Networks Radio Resource management and D2D Service) that are used in conjunction with the Media Independent Services Framework as defined in IEEE Std 802.21-XXXX.

Cmt #88-90: Similarly, Media Independent service for Device-to-Device (D2D) communication"

**Proposed Remedy:**

1.3 General

This standard describes the following use cases that can be independently implemented using IEEE Std 802.21-XXXX framework which improves the user experience of mobile devices and management of these devices by operators while mobile devices are either connected or interworking in a heterogeneous networking environment.

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- Media independent handover service (Clause 5).

- Media independent service for software-defined radio access networks (SDRANs) (Clause 6).

- Media independent service for home energy management system (HEMS) (Clause 7).

- Media independent service for Radio resource management (RRM) (Clause 8).

- Media independent service for Device-to-Device (D2D) communication (Clause 9).

Cmt # 100: The description is too long with respect to other primitives. It seems that only MIS-Prereg primitives have this issue.

**Proposed Remedy:**

5.11.12.1.3 When generated

This primitive is generated by an MIS application to preregister with a target PoS. The MN can send this primitive to instruct its serving PoS (i.e., the SPoS) to generate a Security Association with an appropriate TPoS when the SPoS and the TPoS reside on different nodes.

5.11.12.1.4 Effect on receipt

If the TargetLinkIdentifier is not included, the SPoS shall use the CandidateLinkList (if included) to identify the appropriate TPoS that can initiate preregistration activities with an appropriate TPoA. In the absence of other information, the SPoS can use available link-type information and location information for the MN to identify an appropriate TPoS. After reception of this primitive, the MISF must generate a MIS\_N2N\_Prereg\_Xfer request message destined to the TPoS, which is expected to relay the link-layer frames transported in this message to the TPoA.

Cmt #156: Abstract needs to be improved

**Proposed Remedy:**

Abstract: This standard defines several use cases and services namely, Handover between heterogeneous networks, Home Energy Management System, Software Defined Radio Networks, Radio Resource Management and Device-to-Device Communication Service that need to be implemented in conjunction with the Media Independent Services Framework as specified in IEEE Std 802.21-XXXX.