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| Project | **IEEE 802.21a**  **<https://mentor.ieee.org/802.21>** |
| Title | **Proposed remedy for Comment #229 in LB5a** |
| DCN | 21-11-00xx-00-0sec |
| Date Submitted | **March 17, 2011** |
| Source(s) | Subir Das (Telcordia ) |
| Re: |  |
| Abstract | This document contains remedies to 802.21a/D02 associated |
| Purpose | Proposes changes in the current draft |
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| Ref. | 001 |
| DRAFT SECTION | 7.4.1.1.2 and beyond |
| Modification type | REPLACE |
| Text | MIH\_Capability\_Discover.request (  DestinationIdentifier,  LinkAddressList,  SupportedMihEventList,  SupportedMihCommandList,  SupportedIsQueryTypeList,  SupportedTransportList,  MBBHandoverSupport,  SupportedSecurityCapList,  *Insert the following*  *parameters:*   |  |  |  | | --- | --- | --- | | **Name** | **Data type** | **Description** | | SupportedSecurityCapList | MIH\_SEC\_CAP | List of supported MIH secu­rity capabilities on the local MIHF. |     Reflect these changes in 7.4.1.2.2, 7.4.1.3.2, 7.4.4.2 for indication, response and confirm primitives.  (Note: For .response, .indication and .confirm primitives, reflect the Description appropriately.)  Annex L:   |  |  |  | | --- | --- | --- | | *Insert the following TLVs to Table L.2.*  **TLV type Name** | **TLV type value** | **Data type** | | Security | 64 | SECURITY | | Session ID | 65 | OCTET\_STRING | | Security capability TLV | 66 | MIH\_SEC\_CAP | | KeyLifeTime | 67 | LIFETIME | | AUTH | 68 | AUTH\_VALUE |   Add the the following data types in table F.24 Data type for security under clause F.3.16 as first few rows   |  |  |  | | --- | --- | --- | | Data Type | Derived from | Definition | | MIH\_SEC\_CAP | SEQUENCE(  TLS\_CAP,  EAP\_CAP), | A data type to addess the MIH security capabilitites | | TLS\_CAP | BOOLEAN | TLS-generated SA capability.  TRUE: (D)TLS Supported  FALSE: (D)TLS not supported | | EAP\_CAP | CHOICE(NULL,  SEQUENCE(  KEY\_DIST\_LIST,  INT\_ALG\_LIST,  CIPH\_ALG\_LIST,  KDF\_LIST)) | EAP-generated SA capability. When NULL is chosen, EAP-generated SA is not supported. When SEQUENCE is chosen, EAP-generated SA is supported | |