IEEE P802.11
Wireless LANs

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| Resolution CIDs for 6.3.105 |
| Date: 2015-10-15 |
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**Abstract**

This submission addresses CIDs 10366,10367,10368,10369,10370,10371,10376,10384,10387,10388

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| --- | --- | --- | --- |
|   |   |   |   |
| 10366 | also applies to line 29:The description talks about an "enablement process" or "enabling STA" but within this clause, such an "enablement process" is not described nor mentioned. The description should be reworded to talk about MACAddress of the originating STA / STA that requests the transmission of a FILSContainer | Reword the description -- | Revised: Apply changes as given in 16/0032r0 |
| 10367 | RequesterSTAAddress seems to correspond to the STA that request the transmision of a FILSContainer. And this STA is the STA at which the MLME-FILScontainer.request is invoked. We should not allow to specify the MAC address in the service primitive; instead, the current MAC address of the STA at which the service primitive is invoked should be used. Otherwise, one may initiate the transmission of a FILSContainer with a originating MAC Address that does NOT match the current MAC address of the sending STA. This could imply security issues. | Delete the RequestSTAAddrss parameter from the service primitive (and delete the description of it) | Revised: Apply changes as given in 16/0032r0 |
| 10368 | also applies to line 29:using requester and responder in the names is rather confusing. Use "originator" and "destination" instead. | See comment | Revised: Apply changes as given in 16/0032r0 |
| 10369 | Missing Type | Insert "Integer" in type cell | Revised: Apply changes as given in 16/0032r0 |
| 10370 | There is no "MLME-ENABLE- MENT.request" service primitive in the Tgai Draft. Maybe this is an artifact of a previous version of the Draft | Replace "MLME-ENABLE- MENT.request" with "MLME-FILSContainer.requst" | Revised: Apply changes as given in 16/0032r0 |
| 10371 | also applies to line 13:The description talks about an "enablement process" or "enabling STA" but within this clause, such an "enablement process" is not described nor mentioned. The description should be reworded to talk about MACAddress of the originating STA / STA that requests the transmission of a FILSContainer | Reword the description | Revised: Apply changes as given in 16/0032r0 |
| 10376 | also applies to line 13:The description talks about an "enablement process" or "enabling STA" but within this clause, such an "enablement process" is not described nor mentioned. The description should be reworded to talk about MACAddress of the originating STA / STA that requests the transmission of a FILSContainer | Reword the description | Revised: Apply changes as given in 16/0032r0 |
| 10384 | The English used does not sound correct.Please check with a native speaker / the Editors to verify that the proposed resolution is correct / better | Replace the sentence with:This primitive is generated by the MLME as a result of having received a request from a specific peer MAC entity to setup IP Addresses | Accept |
| 10387 | also applies to line 13:The description talks about an "enablement process" or "enabling STA" but within this clause, such an "enablement process" is not described nor mentioned. The description should be reworded to talk about MACAddress of the originating STA / STA that requests the transmission of a FILSContainer | Reword the description | Revised: Apply changes as given in 16/0032r0 |
| 10388 | also applies to line 13:The description talks about an "enablement process" or "enabling STA" but within this clause, such an "enablement process" is not described nor mentioned. The description should be reworded to talk about MACAddress of the originating STA / STA that requests the transmission of a FILSContainer | Reword the description | Revised: Apply changes as given in 16/0032r0 |

1. Layer Management
* MLME SAP interface

***Instruction to Editor: Apply the changes indicated for Clause 6.3.105 as indicated by the track changes below and remove any empty rows of tables***

* FILS Container [CID 7223]
* General

This mechanism supports the process of IP address setup with a peer MAC entity.

* MLME-FILSContainer.request
* Function

This primitive requests transmission of the FILS Container frame with a specified peer MAC entity.

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-FILSContainer.request(

,

PeerSTAAddress,

FILSContainerTimeLimit,

,

FILSIPAddressAssignment,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
|  |  |  |  |
| Peer STAAddress | MACAddress | Any valid individual MAC address | Specifies the address of the MAC entity of the peer STA |
| FILSContainerTimeLimit | Integer | > 0 | Specifies a time limit (in TU) after which the FILSContainer process is terminated. |
|  |  |  |  |
| FILSIPAddressAssignment [CID 10364]  | As defined in 8.4.2.181(FILS IP Address Assignment element) [CIDs 10338, 10360, 10361, 10362, 10363,]  | As defined in 8.4.2.181(FILS IP Address Assignment element) | An explicit request for an IP address. The request may be for a new IP address or a specified IP address. The parameter is optionally present if dot11FILSActivated is true; otherwise not present.  |
| VendorSpecificInfo | As defined in 8.4.2.25 (Vendor Specific element) [CIDs 10338, 10360, 10361, 10362, 10363] | As defined in 8.4.2.25 (Vendor Specific element) | Zero or more elements.  |

* When generated

This primitive is generated by the SME for a STA to request IP Address setup with a specified peer MAC entity.

* Effect of receipt

. In the case that a response is received from the peer STA, the MLME subsequently issues an MLME-FILSContainer.confirm primitive that reflects the results.

* MLME-FILSContainer.confirm [CID 7223]
* Function

This primitive reports the results of an IP Address setup with a specified peer MAC entity.

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-FILSContainer.confirm(

,

PeerSTAAddress,

,

FILSIPAddressAssignment,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
|  |  |  |  |
| PeerSTAAddress | MACAddress | Any valid individual MAC address | Specifies the address of the MAC entity of the peer STA [CID 10373]  |
|  |  |  |  |
| FILSIPAddressAssignment [CID 10375]  | As defined in 8.4.2.181(FILS IP Address Assignment element) [CIDs 10338, 10360, 10361, 10362, 10363] | As defined in 8.4.2.181(FILS IP Address Assignment element) | An explicit request for an IP address. The request may be for a new IP address or a specified IP address. The parameter is optionally present if dot11FILSActivated is true; otherwise not present.  |
| VendorSpecificInfo | As defined in 8.4.2.25 (Vendor Specific element) [CIDs 10338, 10360, 10361, 10362, 10363] | As defined in 8.4.2.25 (Vendor Specific element) | Zero or more elements.  |

* MLME-FILSContainer.indication [CID 7223][CID 10229]
* Function

This primitive indicates receipt of a request of IP Address setup with the peer processing this primitive.

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-FILSContainer.indication(

,

PeerSTAAddress,

Protected,

FILSIPAddressAssignment,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
|  |  |  |  |
| PeerSTAAddress | MACAddress | Any valid individual MAC address | Specifies the address of the MAC entity of the peer STA [CID 10377]  |
|  |  |  |  |
| FILSIPAddress Assignment [CID 10379]  | As defined in 8.4.2.181(FILS IP Address Assignment element) [CIDs 10338, 10360, 10361, 10362, 10363,10380] | As defined in 8.4.2.181(FILS IP Address Assignment element) | An explicit request for an IP address. The request may be for a new IP address or a specified IP address. The parameter is optionally present if dot11FILSActivated is true; otherwise not present.  |
| VendorSpecificInfo | As defined in 8.4.2.25 (Vendor Specific element) [CIDs 10338, 10360, 10361, 10362, 10363,10380, 10381] | As defined in 8.4.2.25 (Vendor Specific element) | Zero or more elements.  |

* When generated
* This primitive is generated by the MLME as a result of having received a request from a specific peer MAC entity to setup IP AddressEffect of receipt

The SME is notified of the receipt of this FILSContainer request. [CID 10385]

* MLME-FILSContainer.response [CID 7223]
* Function

This primitive is used to send a response to a specified peer MAC entity that had requested IP Address setup with the STA that issued this primitive. [CID 10386]

* Semantics of the service primitive

The primitive parameters are as follows:

MLME-FILSContainer.indication(

,

PeerSTAAddress,

Protected,

FILSIPAddressAssignment,

VendorSpecificInfo

)

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Valid range | Description |
|  |  |  |  |
| PeerSTAAddress | MACAddress | Any valid individual MAC address | Specifies the address of the MAC entity of the enabling STA. [CID 10389]  |
|  |  |  |  |
| FILSIPAddressAssignment [CID 10391]  | As defined in 8.4.2.181(FILS IP Address Assignment element) [CIDs 10338, 10360, 10361, 10362, 10363, 10391, 10394] | As defined in 8.4.2.181(FILS IP Address Assignment element) | An explicit request for an IP address. The request may be for a new IP address or a specified IP address. The parameter is optionally present if dot11FILSActivated is true; otherwise not present.  |
| VendorSpecificInfo | As defined in 8.4.2.25 (Vendor Specific element) [CIDs 10338, 10360, 10361, 10362, 10363, 10395] | As defined in 8.4.2.25 (Vendor Specific element) | Zero or more elements.  |

* When generated

This primitive is generated by the SME of a STA as a response to an MLME-FILSContainer.indication primitive.

* Effect of receipt

This primitive initiates transmission of a response to the specific peer MAC entity that requested IP Address setup.