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| Input Contribution |
| Meeting ID\* | TP 35 |
| Title:\* | Add semantic part for the feature catalogue |
| Source:\* | Bob Flynn; bob.flynn@convidawireless.com |
| Date:\* | 2018-05-13 |
| Input related to\* | TS-0031- Feature Catalogue |
| Intended purpose ofdocument:\* | [x]  Decision[ ]  Discussion[ ]  Information[ ]  Other <specify> |
| Impacted other TS/TR(s) | n/a |
| Decision requested or recommendation:\* | The content is to be included in clause 6.X of TS-0031 v2.0.0 |
| Template Version: January 2017 (Do not modify) |

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# Introduction

This contribution brings the feature catalogue of semantic part for TS-0031.

This includes Release 2 features.

### -----------------------Start of change 1-------------------------------------------

## 6.X Semantics (SEM)

### 6.X.1 Semantic annotation

The Feature Set below is about CSE supporting semantic annotation.

Table 6.X.1-1: Features of CE/SEM/00001

|  |  |  |
| --- | --- | --- |
| **Feature ID** | **Feature Description** | **Release** |
| *CE/SEM/00001/00001* | Support <semanticDescriptor> resource with attributes mandatory attributes [1] | 2 |

The Feature Set below is about AE managing semantic annotations.

Table 6.X.1-2: Features of AE/SEM/00001

|  |  |  |
| --- | --- | --- |
| **Feature ID** | **Feature Description** | **Release** |
| *AE/SEM/00001/00001* | Create <semanticDescriptor> resource with mandatory attributes [2] | 2 |
| *AE/SEM/00001/00002* | Update <semanticDescriptor> resource with *descriptor* | 2 |
| *AE/SEM/00001/00003* | Support partial update to <semanticDescriptor> resource through *semanticOpExec* | 2 |
| *AE/SEM/00001/00004* | Retrieve <semanticDescriptor> | 2 |
| *AE/SEM/00001/00005* | Delete <semanticDescriptor> | 2 |

### 6.X.2 Semantic discovery

The Feature Set below is about CSE supporting semantic discovery.

Table 6.X.2-1: Features of CE/SEM/00002

|  |  |  |
| --- | --- | --- |
| **Feature ID** | **Feature Description** | **Release** |
| *CE/SEM/00002/00001* | Support the Semantic Discovery request  | 2 |
| *CE/SEM/00002/00002* | Support discovery request targeting to a <*semanticFanOutPoint*> resource | 2 |

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The Feature Set below is about AE supporting semantic discovery request.

Table 6.X.2-2: Features of AE/SEM/00002

|  |  |  |
| --- | --- | --- |
| **Feature ID** | **Feature Description** | **Release** |
| *AE/SEM/00002/00001* | Support filter according to a specific SPARQL statement (*semanticFilter*) | 2 |

### -----------------------End of change 1-------------------------------------------