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| ETSI_logo_Office_Colour_Small | ***STF 490 – Technical report******Upgrade from Rel.10 to Rel.13*** |
| **Presented to ETSI meeting** | **Author:**  | FSCOM  |
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| **Doc ref** | ETSI TS 132 299 v10.18ETSI TS 132 299 v13.0.3 | page 1 of **2** |

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| **TSG Doc.** | **Subject/Comment** | **Comments** |
| SP-120049 | Add Status in AVP "Application-Server-Information | Clause 7.2.4 updatedApplication\_Server\_Information\_AVP shall be updated |
| SP-120362 | Correction of Serving Node Type, alignment with 29.274 | New Serving-Node AVP (2401) & Serving-Node-Type AVP updatedService\_Node\_AVP shall be created & Service\_Node\_type\_AVP shall be updated |
| SP-120362 | Correction of Multiple Service Credit-Control use | Clause 7.1.9 updatedMultiple\_Services\_Credit\_Control\_AVP shall be updated |
| SP-120362 | Correction of Termination Action procedure | Clause 6.5.3 updatedTC\_RO\_OCF\_OP\_07..09 shall be reviewed |
| SP-130443 | Missing value for ATCF in Node-Functionality AVP | Clause 7.2.113 updatedNode\_Functionality enumerated shall be updated |
| SP-140337 | To add AVP definitions and clarifications for application based charging to align with TS 32.251 | New AVP defined in Clause 7.2.154xx |
| SP-140341 | Introduce Access Line Identifier in PS-Information for Convergent Fixed-Mobile scenario | Clause 7.2.158 updatedPS\_Information\_AVP shall be updated |
| SP-140335 | Renaming of TWAN-SSID and TWAN-BSSID AVPs | New AVP defined in Clause 7.2.237x |
| SP-140569 | Correction to define missing AVP for MBMS offline charging | New AVP defined in Clause 7.2.111x |
| SP-140802 | Correction on User CSG Information in containers description for EPC offline Charging | Clause 7.2.233 updatedTraffic\_Data\_Volumes\_AVP shall be reviewd |
| SP-140807 | Clarification of serving node for TDF | New AVP TDF-IP-Address (1091) |
| SP-150066 | Correction for charging based on MBMS Data Transfer Time | Clause 7.2.99 updatedMBMS\_Information\_AVP shall be reviewd |
| SP-150328 | Correction on charging information for Voice Call Service (VCS) | New clauses 7.2.242xVCS-Information AVP shall be addes |
| SP-150332 | Correction on Service-Information AVP for ProSe Charging | New clauses 7.2.154xProSe\_xxx AVPs shall be added |
| Alignment of Direct Communications CDR with PC3ch protocol | New clauses 7.2.135xPC3\_xxx AVPs shall be added |
| SP-150318 | Introduction of multiple Release causes in EPC Charging | New clauses 7.2.135xPC3\_xxx AVPs shall be added |
| SP-150326 | Support for M2M-Information in the Service-Information AVP | New clauses: 7.4 & 7.5New AVPs shall be added & AVPs such as PS-Information or Service-Information shall be updated |
| SP-150425 | Specification of code point for M2M-Information AVP | New clauses: 7.4 & 7.5New AVPs shall be added & AVPs such as PS-Information or Service-Information shall be updated |
| SP-150426 | Correction on AVP for concatenated short messages in SMS Offline Charging | New clause 7.2.208xClause 7.2.211 updatedNew AVPs shall be added, including new MME-xxx AVPs and SMS\_Information\_AVP shall be reviewed |
| SP-150425 | Correction on Radio-Resources-Indicator AVP | New clauses 7.2.160xRadio-xxx AVPs may be added if ProSe-Direct-Communication-Reception-Data-container AVP is required |
| SP-150427 | Correction of ABNF for ISUP-Cause AVP | New clauses 7.2.80xNew AVPs may be added |
| SP-150425 | Re-use ISUP-Cause AVP for IMS-PSTN Interworking | New clauses 7.2.80xNew AVPs may be added |
| SP-150703 | Introduction of TWAG offline charging – charging information | New clauses 7.2.237xNew AVPs may be added |
| SP-150816 | Definition of AVPs for Announcement service | New clauses 7.12x & 7.2.242xNew AVPs may be added |
| SP-150706 | Introduction of NBIFOM Support and NBIFOM Mode information for PS charging | New NBFOM-xxx AVPs may be added |