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| CHANGE REQUEST |
| Meeting ID:\* | SDS 48 |
| Source:\* | Miguel Angel Reina Ortega, ETSI, MiguelAngel.ReinaOrtega@etsi.org  |
| Date:\* | 2020-12-02 |
| Reason for Change/s:\* | CSEBase resource update |
| CR against: Release\* | Rel-3  |
| CR against: WI\* | [x]  Active < WI-0077> [ ]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [ ]  No [x] mirror CR number: [ ]  STE Small Technical Enhancements / < Work Item number (optional)>Only ONE of the above shall be ticked |
| CR against: TS/TR\* | TS-0001 v3.22.0 |
| Clauses \* | 9.6.3 |
| Type of change: \* | [ ]  Editorial change[ ]  Bug Fix or Correction[x]  Change to existing feature or functionality[ ]  New feature or functionalityOnly ONE of the above shall be ticked |
| Other TS/TR(s) impacted | None |
| Post Freeze checking:\* | This CR contains only essential changes and corrections? YES [x]  NO [ ] This CR may break backwards compatibility with the last approved version of the TS? YES [ ]  NO [ ]  |
| Template Version: January 2019 (do not modify) |

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GUIDELINES for Change Requests:

Provide an informative introduction containing the problem(s) being solved, and a summary list of proposals.

Each CR should contain changes related to only one particular issue/problem.

In case of a correction, and the change apply to previous releases, a separate “mirror CR” should be posted at the same time of this CR

Mirror CR: applies only when the text, including clause numbering are exactly the same.

Companion CR: applies when the change means the same but the baselines differ in some way (e.g. clause number).

Follow the principle of completeness, where all changes related to the issue or problem within a deliverable are simultaneously proposed to be made E.g. A change impacting 5 tables should not only include a proposal to change only 3 tables. Includes any changes to references, definitions, and acronyms in the same deliverable.

Follow the drafting rules.

All pictures must be editable.

Check spelling and grammar to the extent practicable.

Use Change bars for modifications.

The change should include the current and surrounding clauses to clearly show where a change is located and to provide technical context of the proposed change. Additions of complete clauses need not show surrounding clauses as long as the proposed clause number clearly shows where the new clause is proposed to be located.

Multiple changes in a single CR shall be clearly separated by horizontal lines with embedded text such as, start of change 1, end of change 1, start of new clause, end of new clause.

When subsequent changes are made to content of a CR, then the accepted version should not show changes over changes. The accepted version of the CR should only show changes relative to the baseline approved text.

## Introduction

CSEBase resource upda to include expirationTime as an announceable attribute. Such attribute remains as not required for the CSEBase resource.

## ----------------------- Start of Change 1--------------------------------------------

Table 9.6.3-2: Attributes of *<CSEBase>* resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attributes of *<CSEBase>* | Multiplicity | RW/RO/WO | Description | *<CSEBaseAnnc>* Attributes |
| *resourceType* | 1 | RO | See clause 9.6.1.3. | NA |
| *resourceID* | 1 | RO | See clause 9.6.1.3. | NA |
| *resourceName* | 1 | RO | See clause 9.6.1.3. | NA |
| *parentID* | 1 | RO | See clause 9.6.1.3. Shall be an empty string. | NA |
| *creationTime* | 1 | RO | See clause 9.6.1.3. | NA |
| *lastModifiedTime* | 1 | RO | See clause 9.6.1.3. | NA |
| *expirationTime* | 0 | - | See clause 9.6.1.3. Originator CSE shall provide a value only for creation of CSEBaseAnnc resource | MA |
| *accessControlPolicyIDs* | 0..1 (L) | RO | See clause 9.6.1.3. | MA |
| *labels* | 0..1 (L) | RO | See clause 9.6.1.3. | MA |
| *announceTo* | 0..1 (L) | RO | See clause 9.6.1.3. | NA |
| *announcedAttribute* | 0..1 (L) | RO | See clause 9.6.1.3. | NA |
| *dynamicAuthorizationConsultationIDs* | 0..1 (L) | RO | See clause 9.6.1.3. | OA |
| *owner* | 0..1 | RW | See clause 9.6.1.3 | NA |
| *location* | 0..1 | RW | See clause 9.6.1.3. | OA |
| *cseType* | 0..1 | RO | Indicates the type of CSE represented by the created resource:* Mandatory for an IN-CSE, hence multiplicity (1).
* Its presence is subject to SP configuration in case of an ASN-CSE or a MN-CSE.
 | OA |
| *CSE-ID* | 1 | RO | The CSE identifier in SP-relative CSE-ID format (clause 7.2). | OA |
| *supportedResourceType* | 1 (L) | RO | List of the resource types which are supported in the CSE. This attribute contains subset of resource types listed in clause 9.2.  | NA |
| *pointOfAccess* | 1 (L) | RO | Represents the list of physical addresses to be used by remote CSEs to connect to this CSE (e.g. IP address, FQDN). This attribute is exposed to its Registree. | OA |
| *nodeLink* | 0..1 | RO | The *resource identifier* of a *<node>* resource that stores the node specific information of the node on which the CSE represented by this <*CSEBase*> resource resides.  | OA |
| *notificationCongestionPolicy* | 0..1 | RO | This attribute applies to CSEs generating subscription notifications. It specifies the rule which is applied when the storage of notifications for each subscriber (an AE or CSE) reaches the maximum storage limit for notifications for that subscriber. E.g. Delete stored notifications of lower *notificationStoragePriority* to make space for new notifications of higher *notificationStoragePriority*, or delete stored notifications of older *creationTime* to make space for new notifications when all notifications are of the same *notificationStoragePriority*. | OA |
| *contentSerialization* | 0..1 (L) | RO | The list of supported serializations of the ***Content*** primitive parameter for receiving a request from its registrants. (e.g. XML, JSON). The list shall be ordered so that the most preferred format comes first. | OA |
| *e2eSecInfo* | 0..1 | RO | See clause 9.6.1.3. | MA |
| *supportedReleaseVersions* | 0..1 (L) | RO | List of oneM2M release versions which are supported by the CSE. Starting with Release 2, this attribute is mandatory for a CSE. For CSEs compliant to older releases, this attribute is optional. For CSEs that do not include this attribute, the default release version shall be Release 1.  | MA |
| *currentTime* | 0..1 | RO | When the CSE receives a retrieve request targeting this resource or attribute, the CSE samples its current time (e.g. makes an OS call to get the system time) and respond with the value in this attribute. An Originator retrieving this attribute can use this time value to adjust and synchronize its time value to the time value of this CSE.  | OA |

-------------------------------------------------- End of Change 1---------------------------------------