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| CHANGE REQUEST |
| Meeting ID:\* | SDS 43.3 |
| Source:\* | Bob Flynn, Convida Wireless , Bob.Flynn@convidawireless.com |
| Date:\* | 2020-01-29 |
| Reason for Change/s:\* | ACP propagation |
| CR against: Release\* | Rel-4 |
| CR against: WI\* | [x]  Active < WI-0077> [ ]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [ ]  No [ ] mirror CR number: (Note to Rapporteur - use latest agreed revision)[ ]  STE Small Technical Enhancements / < Work Item number (optional)>Only ONE of the above shall be ticked |
| CR against: TS/TR\* | TS-0001 v4.4.0 |
| Clauses \* | 9.6.2.4 |
| 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

This was originally captured in SDS-2019-0456. It was removed to discuss separately.

For ACP Propagation, ensure that this does not create a ACP vulnerability by stating that the level of propagation applies to levels relative to the location of the parent <AE> or <remoteCSE> resource of the ACP resource.

Also specify that duplicated ACPs do not have these propagation parameters set.

For example:

<AE1>

 <ACP1> - propagation level set to 1 means that this will apply to children of <AE1>

 <ACP2> - propagation level set to 2 means that this will apply to grand-children of <AE1>

 <container1> - <ACP1> and <ACP2> are applied to *acpids* (only if created with no *acpids*)

 <container2> - <ACP2> is applied to *acpids* (only if created with no *acpids*)

 <container3> - nothing added to *acpids*

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

#### 9.6.2.4 accessControlObjectDetails

The *accessControlObjectDetails* is an optional parameter of an access control rule. It specifies a subset of child resource types of the targeted resource to which the access control rule applies. If an access control rule includes *accessControlObjectDetails*, then *childResourceType* shall be specified. An access control rule which does not include any *accessControlObjectDetails* parameters applies to the child resource types of the target resource. The *accessControlObjectDetails* parameter shall consist of the elements listed in table 9.6.2.4-1. Child resource types listed in the *childResourceType* component are subject of access control for the Create operation only. Once a child resource is created, the Access Control Policies assigned directly to it apply. The *resourceType* and *specialization* element are optional. If either the *resourceType* or *specialization* element is present in *accessControlObjectDetails*, the CSE shall match the type of resource or specialization of the targeted resource with the value specified in the *resourceType* or *specialization* element. Further checking of *childResourceType* shall be done only if the *resourceType* or *specialization* match occurs. However, if the *resourceType* and *specialization* elements are not provided, only *childResourceType* match shall be performed.

Table 9.6.2.4-1: Types of Parameters in *accessControlObjectDetails*

| **Name** | **Description** |
| --- | --- |
| *resourceType* | Identifier of the resource type to which this access control rule applies  |
| *specialization* | When the *resourceType* is *mgmtObj* or *flexContainer*, the identifier of the specialization as defined by *mgmtDefinition* or *containerDefinition* attribute, respectively, shall be specified. |
| *childResourceType* | List of child resource types and/or the identifier of the specialization. The identifier of the specialization shall be specified when the *resourceType* is *mgmtObj* or *flexContainer*. |
| *propagateACP* | Indicates that this <accessControlPolicy> can be applied to a descendant of the parent resource of this <accessControlPolicy> when that descendant resource does not have a value present in the *acpids* attribute during the create operation (this is only applied during a CREATE operation of a descendant resource). Valid values are:* EMPTY: this is the default value. No modification to the *accessControlPolicyIds* attribute of the resource representation.
* LINK: indicates that the *accessControlPolicyIds* of the new resource should include this <accessControlPolicy> resource identifier.
* DUPLICATE: indicates that a new <accessControlPolicy> should be created that is a copy of this <accessControlPolicy> and the *accessControlPolicyIds* of the resource representation in the request shall be set to the resource identifier of the new <accessControlPolicy>. The duplicate <accessControlPolicy> will be created with *propagateACP* set to EMPTY and *expirationTime* set according to *timeLimit.*
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| *timeLimit* | If *propagateACP* is set to Duplicate, this attribute specifies the *expirationTime* of the new <accessControlPolicy> resource. The default value is that the new expirationTime will be the same as the current <accessControlPolicy> expirationTime. This attribute is only valid when *propagateACP* is set to DUPLICATE. |
| *levels* | An integer value indicates the number of levels of descendants that *propagateACP* can be applied to (default is 0). The number of levels is relative to the parent <AE> or <remoteCSE> resource of this <accessControlPolicy> |

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