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| CHANGE REQUEST |
| Meeting ID:\* | ARC 36 |
| Source:\* | Bob Flynn, Convida Wireless; Bob.Flynn@convidawireless.com |
| Date:\* | 2018-07-18 |
| Reason for Change/s:\* | Updates related to long polling |
| CR against: Release\* | Rel 2 |
| CR against: WI\* | [ ]  Active <Work Item number> [x]  MNT maintenance / < Work Item number(optional)>WI-0055Is this a mirror CR? Yes [ ]  No [x] mirror CR number: ARC-2018-0218-pollingChannelResponse\_R3 (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, V2.19.0 |
| Clauses \* | 10.2.13.8 |
| Type of change: \* | [x]  Editorial change[ ]  Bug Fix or Correction[ ]  Change to existing feature or functionality[ ]  New feature or functionalityOnly ONE of the above shall be ticked |
| Impacted other TS/TR(s) | <TS/TR number>, <Version Number>, and <Description on which aspect should be reflected in this TS/TR> TS-0004 |
| 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 [x]  |
| Template Version: January 2017 (Do not modify) |

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# Introduction

This is a mirror to ARC-2018-0218-pollingChannelResponse\_R3

* We discussed using words to state that req (step 005) should contain only a single response.
* We discussed the second paragraph in 10.2.5.19 should be reworded with references to this figure.
* Check that TS-0004 supports the decisions made here.
	+ Clause 7.5.1.2. is missing a section for the polling channel based Notify Request

Contribution Prepared

* Create an R2 mirror

Section 10.2.5.12 describes the process of “request message polling”.



Figure 10.2.5.12-1: Request/response delivery via polling channel

Step-005 shows the responses sent to the originator in the payload of a Notify request. The process shows that this can be from an AE or a CSE, meaning an Mca or Mcc interface.

Table 10.2.5.19-1<*pollingChannelURI*> NOTIFY describes the process for sending a response to the originator of messages that were stored only available over the Mcc interface. This contribution corrects that and makes a couple other editorial changes for clarity.

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

#### 10.2.13.8 Delivering the response to the request sent over polling channel

When a Registree AE or CSE receives a response from a long polling request(clause 10.2.13.7), the Registree AE or CSE shall generate a response to each primitive contained in the ***Content*** of the long polling response. The Registree AE or CSE shall send each of the responses to the received requests in the ***Content*** parameter of a new Notify request to the <pollingChannelURI> Hosting CSE (one Notify request for each primitive received in the long polling response).

When the Hosting CSE receives a Notify request to the <pollingChannelURI> resource (Fig 10.2.13-1, req3), the Hosting CSE shall send the response contained in the ***Content*** parameter of the Notify request, to the entity that sent the associated request (Fig 10.2.13-1, req2) to the Hosting CSE. The associated request is the request that the Hosting CSE received (Fig 10.2.13-1, step 002) and forwarded to the Registree AE or CSE (Fig 10.2.13-1, step 004) over the polling channel. The association shall be done by matching the ***Request Identifier*** parameter of the request delivered in <pollingChannelURI> Retrieve response and the ***Request Identifier*** parameter of the response delivered in the ***Content*** parameter in a <pollingChannelURI> Notify request.

Table 10.2.13.8-1: *<pollingChannelURI>* NOTIFY

| <*pollingChannelURI*> NOTIFY |
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| Associated Reference Point | Mca and Mcc  |
| Information in Request message | All parameters defined in table 8.1.2-3 apply with the specific details for:***To:*** Address of *<pollingChannelURI>* resource ***Content:*** The response to the request contained in <pollingChannelURI> Retrieve response |
| Processing at Originator before sending Request | Originator shall handle and generate the response to each of the requests contained in the <pollingChannelURI> Retrieve response |
| Processing at Receiver | The Hosting CSE shall send the response contained in the ***Content*** parameter of Notify request to the entity that sent the associated request to the Hosting CSE |
| Information in Response message | All parameters defined in table 8.1.3-1 apply |
| Processing at Originator after receiving Response | According to clause 10.1.5 |
| Exceptions | If the Originator of the <pollingChannelURI> Notify is not the AE-ID of the <AE> resource or CSE-ID of the <remoteCSE> resource which is the grandparent resource of the <pollingChannelURI> resource, then the Hosting CSE shall reject the request with access privilege error information |

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