

USE CASES AND SCENARIOS

ACTIVITY 2.4

**Legend**

**Keywords:** Given, When, Then, And, If (to add conditionals), Each time, # (for comments)

**Requests/Responses: CNR, GET / UPDATE Requests & Responses**

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**Table of Contents**

[**Scenarios**](#_tm6dtu8sf0g)3

[Scenario 1 Accepting before mobility LA](#_6pk095mbsi84) 3

[Scenario 2 Rejecting before mobility LA](#_qimchl20ofwa) 5

[Scenario 3 Accepting during mobility LA](#_5kuul137j1qz) 7

[Scenario 4 Rejecting during mobility LA](#_tcrodygpg3sc) 9

[Scenario 5 Accepting before mobility LA](#_kvq1dl2yy5rr) 11

[Scenario 6 Rejecting before mobility LA](#_enl2nij7ne0g) 13

[Scenario 7 Accepting during mobility LA](#_662ky695omij) 15

[Scenario 8 Rejecting during mobility LA](#_8wqet229qnxr) 17

[**Examples**](#_331uc9yp9vv7)19

# **Scenarios**

## **Scenario 1** Accepting before mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI A |  | Receiving HEI B: Dashboard-OLA |
| **Given** that A represents the Sending HEI  **And** a new LA is created  **When** the LA is signed by Student & Sending Responsible  **Then** A sends a CNR  **And** A waits for a CNR LA Response  **When** A receives a CNR Response from Dashboard-OLA  **Then** A is sure that Dashboard-OLA received the CNR  **When** A receives a GET LA Request from Dashboard-OLA  **Then** A searches for the latest LA ( i.e. the one that is signed by Student and Sending Responsible)  **And** A prepares the LA GET- Response  **And** A sends the LA GET Response ([Ex 1](#yxrctckfb4l7)) to Dashboard-OLA  **When** A receives the [Ex 2](#gwa8ehe5yq47) LA update request from Dashboard-OLA  **Then** A sends [Ex 3](#p1foxjxk72m5) LA Update Response with a success `user-message`  **And** A checks the commitment type (i.e. acceptance)  **When** A marks it as an acceptance  **Then** A updates its local LA with the new commitment  # the version id of the LA should not change  **When** A receives a new GET LA Request  **Then** A forms the [Ex 4](#yab81zof23j8) GET LA Response  # <changes-proposal/> element is now formed in the <first-version /> element, along with the 3 commitments  **Each time**  minor changes are made at the LA  **Then** A sends a CNR  # minor changes do not trigger a new round of signatures | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 1 LA GET-Response**  **←Ex 2 LA Update Request**  **→Ex 3 LA Update Response** | **Given** that Dashboard-OLA represents the Receiving HEI B  **When** Dashboard-OLA receives a CNR from A  **Then** Dashboard-OLA sends a CNR LA Response to A  **And** Dashboard-OLA sends a GET LA Request to A  **And** Dashboard-OLA waits for a response to the GET LA request  **When** Dashboard-OLA receives the [Ex 1](#yxrctckfb4l7) GET LA Response  **Then** Dashboard-OLA creates a new local LA  # The local LA is created using the omobility-id and changes-proposal id (i.e. the version id) of Ex 1  **And** Dashboard-OLA maps the fields of the [Ex 1](#yxrctckfb4l7) GET LA Response to its local LA one by one  **If** the Receiving Responsible Person data can be assumed  **Then** Dashboard-OLA uses this data to fill the Responsible Person data in its local LA  **Else**  **Then** Dashboard-OLA copies the data of the Receiving Contact Person to fill the Responsible Person data in its local LA  **And** the local LA is filled  **And** Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is a new LA waiting to be signed  **When** the Receiving Responsible signs the LA  **Then** the local LA is updated with the new commitment  **And** Dashboard-OLA sends the Update Request [Ex 2](#gwa8ehe5yq47) (i.e. acceptance) to A  **When** Dashboard-OLA receives [Ex 3](#p1foxjxk72m5) LA Update Response  **Then** Dashboard-OLA is sure that A received the update  **Each time**  minor changes are made at the LA  **Then** Dashboard-OLA sends a CNR  # minor changes do not trigger a new round of signatures |

## **Scenario 2** Rejecting before mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI A |  | Receiving HEI B: Dashboard-OLA |
| **Given** that A represents the Sending HEI  **And** a new LA is created  **When** the LA is signed by Student & Sending Responsible  **Then** A sends a CNR  **And** A waits for a CNR LA Response  **When** A receives a CNR Response from Dashboard-OLA  **Then** A is sure that Dashboard-OLA received the CNR  **When** A receives a GET LA Request from Dashboard-OLA  **Then** A searches for the latest LA ( i.e. the one that is signed by Student and Sending Responsible)  **And** A prepares the LA GET- Response  **And** A sends the LA GET Response ([Ex 1](#yxrctckfb4l7)) to Dashboard-OLA  **When** A receives the [Ex 5](#o6yvhlgjwaf4) LA Update Request from Dashboard-OLA  **Then** A sends [Ex 3](#p1foxjxk72m5) LA Update Response with a success `user-message`  **And** A checks the commitment type (i.e. rejection)  **When** A marks it is an rejection  **Then** A updates its local LA with the new commitment  # the version id of the LA should not change  **When** A receives a new GET LA Request  **Then** A sends an empty response ([Ex 6](#ex6))  # The rejected LA is also removed from the index endpoint response.  # A communicates the new round of signatures with CNR  **When** Student make changes to the LA  **And** the updated LA is signed by Student & Sending Responsible  **Then** A sends a CNR  **And** A waits for a CNR LA Response | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 1 LA GET-Response**  **←Ex 5 LA Update Request**  **→Ex 3 LA Update Response** | **Given** that Dashboard-OLA represents the Receiving HEI B  **When** Dashboard-OLA receives a CNR from A  **Then** Dashboard-OLA sends a CNR LA Response to A  **And** Dashboard-OLA sends a GET LA Request to A  **And** Dashboard-OLA waits for a response to the GET LA request  **When** Dashboard-OLA receives the [Ex 1](#yxrctckfb4l7) GET LA Response  **Then** Dashboard-OLA creates a new local LA  # The local LA is created using the omobility-id and changes-proposal id (i.e. version id) of Ex 1  **And** Dashboard-OLA maps the fields of the [Ex 1](#yxrctckfb4l7) GET LA Response to its local LA one by one  **If** the Receiving Responsible Person data can be assumed  **Then** Dashboard-OLA uses this data to fill the Responsible Person data in its local LA  **Else**  **Then** Dashboard-OLA copies the data of the Receiving Contact Person to fill the Responsible Person data in its local LA  **And** the local LA is filled  **And** Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is a new LA waiting to be signed  **When** the Receiving Responsible fills a rejection comment and signs the LA  **Then** the local LA is updated with the new commitment (i.e. rejection)  **And** Dashboard-OLA sends the Update Request [Ex 5](#o6yvhlgjwaf4) to A  **When** Dashboard-OLA receives [Ex 3](#p1foxjxk72m5) LA Update Response  **Then** Dashboard-OLA is sure that A received the Update |

## **Scenario 3** Accepting during mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI A |  | Receiving HEI B: Dashboard-OLA |
| **Given** that A represents the Sending HEI  **And** the Student changes the local LA  # changes to Tables A2, B2, and/or C2  **Then** A creates a new version of its local LA  **When** the LA is signed by Student & Sending Responsible  **Then** A sends a CNR  **And** A waits for a CNR LA Response  **When** A receives a CNR Response from Dashboard-OLA  **Then** A is sure that Dashboard-OLA received the CNR  **When** A receives a GET LA Request from Dashboard-OLA  **Then** A searches for the latest LA (i.e. the one that is signed by Student and Sending Responsible)  **And** System A prepares the LA GET Response  # the LA should contain the first signed by all version, and the new version with the proposed changes  **And**  A sends the LA GET Response ([Ex 7](#uo5f03eqfcbq)) to Dashboard-OLA  **When** A receives the [Ex 8](#rhgzt6dazlva) LA Update Request from Dashboard-OLA  **Then** A sends [Ex 3](#p1foxjxk72m5) LA Update Response with a success `user-message`  **And** A checks the commitment type (i.e. acceptance)  **When** A marks it is an acceptance  **Then** A updates its local LA with the new commitment  # the version id of the LA should not change  **When** A receives a new GET LA Request  **Then** A forms the [Ex 9](#wcjnunwbgw32) GET LA Response  # the GET LA Response is now formed with <first-version/> and <latest-approved /> elements, along with the 3+3 commitments | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 7 LA GET Response**  **←Ex 8 LA Update Request**  **→Ex 3 LA Update Response** | **Given** that Dashboard-OLA represents the Receiving HEI B  **When** Dashboard-OLA receives a CNR from A  **Then** Dashboard-OLA sends a CNR LA Response to A  **And** Dashboard-OLA sends a GET LA Request to A  **And** Dashboard-OLA waits for a response to the GET LA Request  **When** Dashboard-OLA receives the [Ex 7](#uo5f03eqfcbq) GET LA Response  **Then** Dashboard-OLA creates a new version of its local LA  # According to the Ex 7 LA GET Response, Dashboard-OLA creates a new version of the LA with id = ‘4C159B15BAF222F868493C167125FA324-4’  **And** Dashboard-OLA maps the fields of the [Ex 7](#uo5f03eqfcbq) GET LA Response to its local LA one by one  **And** the new version of the local LA is saved  **And** Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is an updated LA waiting to be signed  **When** the Receiving Responsible signs the LA  **Then** the local LA is updated with the new commitment  # The version id remains the same  **And** Dashboard-OLA sends the Update Request [Ex 8](#rhgzt6dazlva) (i.e. acceptance) to A  **When** Dashboard-OLA receives [Ex 3](#p1foxjxk72m5) LA Update Response  **Then** Dashboard-OLA is sure that A received the Update |

## **Scenario 4** Rejecting during mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI A |  | Receiving HEI B: Dashboard-OLA |
| **Given** that A represents the Sending HEI  **And** the Student changes the local LA  # changes to Tables A2, B2, and/or C2  **Then** A creates a new version of its local LA  **When** the LA is signed by Student & Sending Responsible  **Then** A sends a CNR  **And** A waits for a CNR LA Response  **When** A receives a GET LA Request from Dashboard-OLA  **Then** A searches for the latest LA (i.e. the one that is signed by Student and Sending Responsible)  **And** System A prepares the LA GET Response  # the LA should contain the first signed by all version, and the new version with the proposed changes  **And**  A sends the LA GET Response ([Ex 7](#uo5f03eqfcbq)) to Dashboard-OLA  **When** A receives the [Ex 10](#18ky3diyvpa8) LA Update Request from Dashboard-OLA  **Then** A sends [Ex 3](#p1foxjxk72m5) LA Update Response with a success `user-message`  **And** A checks the commitment type (i.e. rejection)  **When** A marks it is as a rejection  **Then** A updates its local LA with the new commitment  # the version id of the LA should not change  **When** A receives a new GET LA Request  **Then** A forms the [Ex 4](#yab81zof23j8) GET LA Response  # the LA should contain only the components that have been signed by all. | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 7 LA GET Response**  **←Ex 10 LA Update Request**  **→Ex 3 LA Update Response** | **Given** that Dashboard-OLA represents the Receiving HEI B  **When** Dashboard-OLA receives a CNR from A  **Then** Dashboard-OLA sends a CNR LA Response to A  **And** Dashboard-OLA sends a GET LA Request to A  **And** Dashboard-OLA waits for a response to the GET LA request  **When** Dashboard-OLA receives the [Ex 7](#uo5f03eqfcbq) GET LA Response  **Then** Dashboard-OLA creates a new version of its local LA  # According to the Ex 7 LA GET Response, Dashboard-OLA creates a new version of the LA with id = ‘4C159B15BAF222F868493C167125FA324-4’  **And** Dashboard-OLA maps the fields of the [Ex 7](#uo5f03eqfcbq) GET LA Response to its local LA one by one  **And** the new version of the local LA is saved  **And** Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is an updated LA waiting to be signed  **When** the Receiving Responsible fills a rejection reason and signs the LA  **Then** the local LA is updated with the new commitment  # The version id remains the same  **And** Dashboard-OLA sends the Update Request [Ex 10](#18ky3diyvpa8) (i.e. rejection) to A  **When** Dashboard-OLA receives [Ex 3](#p1foxjxk72m5) LA Update Response  **Then** Dashboard-OLA is sure that A received the update |

## **Scenario 5** Accepting before mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI B: Dashboard-OLA |  | Receiving HEI A |
| **Given** that Dashboard-OLA represents the Sending HEI B  **And** a new LA is created  **When** the LA is signed by Student & Sending Responsible  **Then** Dashboard-OLA sends a CNR to A  **And** Dashboard-OLA waits for a CNR LA Response  **When** Dashboard-OLA receives a CNR Response from A  **Then** Dashboard-OLA is sure that A received the CNR  **When** Dashboard-OLA receives a GET LA Request from A  **Then** Dashboard-OLA searches for the latest LA  # i.e. the one that is signed by Student and Sending Responsible  **And** Dashboard-OLA prepares the LA GET Response  **And** Dashboard-OLA sends the LA GET Response ([Ex 11](#g1zz3pm8vsib)) to A  **When** Dashboard-OLA receives the [Ex 12](#fkjvo994t9xs) LA Update Request from A  **Then** Dashboard-OLA sends [Ex 13](#72jvrgxckp4) LA Update Response with a success `user-message`  **And** Dashboard-OLA checks the commitment type (i.e. acceptance)  **When** Dashboard-OLA marks it as an acceptance  **Then** Dashboard-OLA updates its local LA with the new commitment  # the version id of the LA should not change  **And** Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible that the LA has been signed by Receiving  **And** the LA is marked as singed by all  **Each time** Dashboard-OLA receives a new GET LA Request  **Then** Dashboard-OLA forms the ([Ex 14](#5r32sope590w)) GET LA Response  # <changes-proposal/> element is now formed in the <first-version /> element, along with the 3 commitments  **Each time**  minor changes are made at the LA  **Then** Dashboard-OLA sends a CNR to A  # minor changes do not trigger a new round of signatures | **→LA CNR**  **← LA CNR Response**  **←GET LA Request**  **→Ex 11 LA GET Response**  **←Ex 12 LA Update Request**  **→Ex 13 LA Update Response** | **Given** that System A represents the Receiving HEI A  **When** A receives a CNR from Dashboard-OLA  **Then** A sends a CNR LA Response to Dashboard-OLA  **And** A sends a GET LA Request to Dashboard-OLA  **And** A waits for a response to the GET LA Request  **When** A receives the [Ex 11](#g1zz3pm8vsib) GET LA Response  #The Receiving Responsible somehow is assumed by A  **And** the Receiving Responsible signs the LA  # the version id of the LA should not change  **And** A sends the LA Update Request ([Ex 12](#fkjvo994t9xs)) (i.e. acceptance) to Dashboard-OLA  **When** A receives [Ex 13](#72jvrgxckp4) LA Update Response  **Then** A is sure that Dashboard-OLA received the update |

## **Scenario 6** Rejecting before mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI B: Dashboard-OLA |  | Receiving HEI A |
| **Given** that Dashboard-OLA represents the Sending HEI B  **And** a new LA is created  **When** the LA is signed by Student & Sending Responsible  **Then** Dashboard-OLA sends a CNR to A  **And** Dashboard-OLA waits for a CNR LA Response  **When** Dashboard-OLA receives a CNR Response from A  **Then** Dashboard-OLA is sure that A received the CNR  **When** Dashboard-OLA receives a GET LA Request from A  **Then** A searches for the latest LA  # i.e. the one that is signed by Student and Sending Responsible  **And** Dashboard-OLA prepares the LA GET Response  **And** Dashboard-OLA sends the LA GET Response ([Ex 11](#g1zz3pm8vsib)) to A  **When** Dashboard-OLA receives the [Ex 15](#8kzqekyexgls) LA update request from A  **Then** Dashboard-OLA sends [Ex 13](#72jvrgxckp4) LA Update Response with a success `user-message`  **And** Dashboard-OLA checks the commitment type (i.e. rejection)  **When** Dashboard-OLA marks it as a rejection  **Then** Dashboard-OLA updates its local LA with the new commitment  # the version id of the LA should not change  **And** Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible about the rejection  **When** the Student makes changes and signs the LA  **Then** Dashboard-OLA creates a new version of the LA  **And** Dashboard-OLA notifies (email) IRO and Receiving Responsible that a LA is waiting to be signed  **When** the Sending Responsible signs the LA  **Then** Dashboard-OLA creates a new version of the LA  **And** Dashboard-OLA sends a CNR to A  **And** Dashboard-OLA waits for a CNR LA Response  # Dashboard-OLA communicates the new round of signatures with CNR  **When** Student make changes to the LA  **And** the updated LA is signed by Student & Sending Responsible  **Then** Dashboard-OLA sends a CNR  **And** Dashboard-OLA waits for a CNR LA Response | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 11 LA GET Response**  **←Ex 15 LA Update Request**  **→Ex 13 LA Update Response**  **→LA CNR**  **←LA CNR Response**  **←GET LA Request** | **Given** that System A represents the Receiving HEI A  **When** A receives a CNR from Dashboard-OLA  **Then** A sends a CNR LA Response to Dashboard-OLA  **And** A sends a GET LA Request to Dashboard-OLA  **And** A waits for a Response to the GET LA Request  **When** A receives the [Ex 11](#g1zz3pm8vsib) GET LA Response  #The Receiving Responsible somehow is assumed by A  **And** the Receiving Responsible signs the LA  # the version id of the LA should not change  **Then** A sends the LA Update Request [Ex 15](#8kzqekyexgls) (i.e. rejection) to A  **When** A receives a CNR from Dashboard-OLA  **Then** A sends a CNR LA Response to Dashboard-OLA  **And** A sends a GET LA Request to Dashboard-OLA  **And** A waits for a response to the GET LA Request |

## **Scenario 7** Accepting during mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI B: Dashboard-OLA |  | Receiving HEI A |
| **Given** that Dashboard-OLA represents the Sending HEI B  **And** the Student changes the local LA  # changes to Tables A2, B2, and/or C2  **When** the Student signs the LA  **Then** Dashboard-OLA creates a new version of its local LA  **And** Dashboard-OLA notifies the IRO / Responsible Person that there is a new LA waiting to be signed  **When** the Responsible Person signs the LA  **Then** Dashboard-OLA creates a new version of its local LA  **And** Dashboard-OLA sends a CNR to A  **And** Dashboard-OLA waits for a CNR LA Response  **When** Dashboard-OLA receives a CNR Response from A  **Then** Dashboard-OLA is sure that A received the CNR  **When** Dashboard-OLA receives a GET LA Request from A  **Then** Dashboard-OLA searches for the latest LA  #i.e. the latest one that is signed by Student and Sending Responsible  **And** Dashboard-OLA prepares the LA GET Response  **And** Dashboard-OLA sends the LA GET Response ([Ex 17](#xg0fj7kpd8z0)) to A  **When** Dashboard-OLA receives the [Ex 18](#mtijz89ew05z) LA update request from A  **Then** Dashboard-OLA sends [Ex 3](#p1foxjxk72m5) LA Update Response with a success `user-message`  **And** Dashboard-OLA checks the commitment type (i.e. acceptance)  **When** Dashboard-OLA marks it as an acceptance  **Then** Dashboard-OLA updates its local LA with the new commitment  # the version id of the LA should not change and the GET LA Response should now be formed with the new <latest-approved />  **And** Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible that the LA has been signed by all | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 17 LA GET Response**  **←Ex 18 LA Update Request**  **→Ex 3 LA Update Response** | **Given** that System A represents the Receiving HEI  **When** A receives a CNR from Dashboard-OLA  **Then** A sends a CNR LA Response to Dashboard-OLA  **And** A sends a GET LA Request to Dashboard-OLA  **And** A waits for a response to the GET LA Request  **When** A receives the [Ex 17](#xg0fj7kpd8z0) GET LA Response  #The Receiving Responsible somehow is assumed by A  **And** the Receiving Responsible signs the LA  # the version id of the LA should not change  **And** A sends the update request [Ex 18](#mtijz89ew05z) (i.e. acceptance) to Dashboard-OLA  **When** A receives [Ex 3](#p1foxjxk72m5) LA Update Response  **Then** A is sure that Dashboard-OLA received the Update |

## **Scenario 8** Rejecting during mobility LA

|  |  |  |
| --- | --- | --- |
| Sending HEI B: Dashboard-OLA |  | Receiving HEI A |
| **Given** that Dashboard-OLA represents the Sending HEI B  **And** the Student changes the local LA  # changes to Tables A2, B2, and/or C2  **When** the Student signs the LA  **Then** Dashboard-OLA creates a new version of its local LA  **And** Dashboard-OLA notifies IRO and the Responsible Person that a there is a new LA waiting to be signed  **When** the Responsible Person signs the LA  **Then** Dashboard-OLA creates a new version of its local LA  **And** Dashboard-OLA sends a CNR to A  **And** Dashboard-OLA waits for a CNR LA Response  **When** Dashboard-OLA receives a CNR Response from A  **Then** Dashboard-OLA is sure that A received the CNR  **When** Dashboard-OLA receives a GET LA Request from A  **Then** A searches for the latest LA  # i.e. the one that is signed by Student and Sending Responsible  **And** Dashboard-OLA prepares the LA GET Response  **And** Dashboard-OLA sends the LA GET Response ([Ex 17](#xg0fj7kpd8z0)) to A  **When** Dashboard-OLA receives the [Ex 20](#hya2rw8nzchu) LA update request from A  **Then** Dashboard-OLA sends [Ex 3](#p1foxjxk72m5) LA Update Response with a success `user-message`  **And** Dashboard-OLA checks the commitment type (i.e. rejection)  **When** Dashboard-OLA marks it as a rejection  **Then** Dashboard-OLA updates its local LA with the new commitment  # the version id of the LA should not change  **And** Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible about the rejection | **→LA CNR**  **←LA CNR Response**  **←GET LA Request**  **→Ex 17 LA GET Response**  **←Ex 20**  **LA Update Request**  **→Ex 3**  **LA Update Response** | **Given** that System A represents the Receiving HEI  **When** A receives a CNR from Dashboard-OLA  **Then** A sends a CNR LA Response to Dashboard-OLA  **And** A sends a GET LA Request to Dashboard-OLA  **And** A waits for a response to the GET LA request  **When** A receives the [Ex 17](#xg0fj7kpd8z0) GET LA Response  #The Receiving Responsible somehow is assumed by A  **And** the Receiving Responsible signs the LA  # the version id of the LA should not change  **Then** A sends the LA Update Request [Ex 20](#hya2rw8nzchu) (i.e. rejection) to Dashboard-OLA  **When** A receives [Ex 3](#p1foxjxk72m5) LA Update Response  **Then** A is sure that Dashboard-OLA received the Update |

# **Examples**

Ex 1 LA GET Response

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Ex 2 LA Update Request (acceptance)

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Ex 3 LA Update Response (success)

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Ex 4 GET LA Response (the first version)

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Ex 5 LA Update Request (rejection)

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Ex 6 LA GET Response (empty response)

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Ex 7 LA GET Response (with <changes-proposal />)

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Ex 8 LA Update Request (acceptance during mobility)

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Ex 9 LA GET Response (with <approved-changes />)

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Ex 10 LA Update Request (rejection during mobility)

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Ex 11 LA GET Response

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Ex 12 LA Update Request (acceptance)

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Ex 13 LA Update Response (success)

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Ex 14 GET LA Response (the first version)

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Ex 15 LA Update Request (rejection)

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Ex 16 LA GET Response (rejected by Receiving)

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Ex 17 LA GET Response (with <changes-proposal />)

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Ex 18 LA Update Request (acceptance during mobility)

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Ex 19 LA GET Response (with <approved-changes />)

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Ex 20 LA Update Request (rejection during mobility)

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