ADPr Specification
DRAFT 1.0

Use Case Document: Provisioning an Account to a Service

Revision History			
Version	Description	Author(s)	Date
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Use Cases

Overview

The purpose of this document is to detail the exchange of provisioning messages between a provisioning server and the service being provisioned. For our purposes, a service is any system or systems that can be treated as a single unit from the perspective of the provisioning operation.

This document specifically details the use cases for the messages that can be exchanged between the provisioning server and the target service.

- ADD NEW
- CHANGE EXISTING
- MOVE EXISTING
- DELETE EXISTING
- ENABLE EXISTING
- DISABLE EXISTING
- REPORT STATUS
- TERMINATE ACTIVITY

Note: This document does not define the meaning or content of the messages.

Legend

ACK – Request Acknowledged

NAK – Request Not Acknowledged

Target System – Computing or non-computing entity

Service – One or more target systems that can be acted upon as a single unit

Readability

In order to improve the readability and usability of this document, we do not reprint the NAK and RETRY sequences for every possibility. Suffice to say that for a transmission that fails (physical retransmission will be covered by the transport protocol, usually, the client sent an incomplete message to the server) and NAK will be sent. The client simply recreates the message and sends it again.

NOTE: One or more methods (Retries and Errors) may have one or many scenarios, which are noted as Scenario 1, 2, 3, etc… because the target system being provisioned to may have different requirements and/or the transport mechanism may be different for each.

Functions

Add New

Any variant of the "add new" command (ADD, NEW, or ADD NEW) is supported by the use cases in this section. The ADD NEW command is used to add a new person to the target system. The use cases presented below demonstrate the possibilities.

Change Existing

Change an existing account from the target system(s) to another by department, level, or other variables.

An example is if Person A moves from Division A to Division B. A change will occur in his account, which will in turn change the variable on the target system.

Move Existing

Move an existing account from the target system(s) to another (transfer).

Delete Existing

Delete an existing account from the target system(s)

Enable Existing

Enable an existing account is the action of turning on an existing account, which is provisioned to the target system(s), from the disabled state.

Disable Existing

Disable an existing account is the action of turning off an existing account, which is provisioned to the target system(s), from the enabled state.

Report Status

Report status is the action of requesting a report of a provisioning process that has occurred to the target system(s).

Assumption: The server and client in the provisioning process are referring to this activity.

Terminate Activity

Terminate Activity is the action of a service terminating the account's ability of accessing the target system(s).

Assumption: The server and client in the provisioning process are referring to this activity.

Success (Add New)

In the following case, a request to add a user to the target system is sent, all of the optional messages are implemented, all messages are complete, correct, and received on the first attempt, and the request is fulfilled successfully.

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Add New)

Scenario 1:

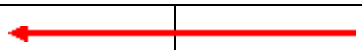
Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

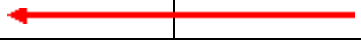
Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Add New)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #++
Send ACK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Request			Command, target **Corrected** [Account data, Transaction #, Sequence #]
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction

			#, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission

			succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data for items that failed, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Change Existing)

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Change Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission

			succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction

			#, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Change Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #++
Send ACK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info

Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target **Corrected** [Account data, Transaction #, Sequence #]
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #,

			Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #,

			Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data for items that failed, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Move Existing)

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Move Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

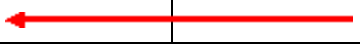
Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start

Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Move Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #++
Send ACK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target **Corrected** [Account data, Transaction #, Sequence #]
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction

			#, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data for items that failed, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Delete Existing)

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time,

			Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Delete Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

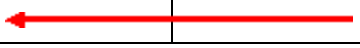
Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start

Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Delete Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #++
Send ACK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target **Corrected** [Account data, Transaction #, Sequence #]
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction

			#, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data for items that failed, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Enable Existing)

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time,

			Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Enable Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

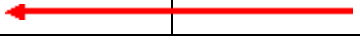
Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start

Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Enable Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #++
Send ACK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #

Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target **Corrected** [Account data, Transaction #, Sequence #]
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data

Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local

			ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data for items that failed, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated

			Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Disable Existing)

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Disable Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local

			ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Partial Success			Transaction #, Sequence #++, Local

			ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Disable Existing)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #++
Send ACK			Transaction #, Sequence #

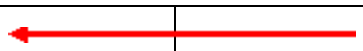
Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target **Corrected** [Account

			data, Transaction #, Sequence #]
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Failed			Transaction #, Sequence #++, Local ID, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 4:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Send Partial Success			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Error Info, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Account data for items that failed, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Completed			Transaction #, Sequence #++, Local ID, Completed Time, Elapsed Time, Relevant Affected Fields and Associated Data
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Report Status)

Action	Provisioning System	Target System	Data

Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Report Status)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send NAK			Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send NAK			True if transmission succeeds, Transaction #, Sequence #

Scenario 3:

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send NAK			True if transmission succeeds, Transaction #, Sequence #
Send Status Error			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Report Status)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send NAK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 2

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send NAK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual Start Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Success (Terminate Activity)

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual End Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Error (Terminate Activity)

Scenario 1:

Action	Provisioning System	Target System	Data
Send Request			Command, target Account data, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation Error			Transaction #, Sequence #++, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Scenario 2:

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status Error			Transaction #, Sequence #++, Local ID, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #

Retry (Terminate Activity)

Action	Provisioning System	Target System	Data
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status Error			Transaction #, Sequence #++, Local ID, Error Info
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Request			Command, target Local ID, Transaction #, Sequence #
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Validation			Transaction #, Sequence #++, Local ID, Target Start
Send ACK			True if transmission succeeds, Transaction #, Sequence #
Send Status			Transaction #, Sequence #++, Local ID, Actual End Time
Send ACK			True if transmission succeeds, Transaction #, Sequence #