

This document describes the eHealth interface v4 for Executors. The WSDLs and XSDs are available in the package eHealth-xsd-recipe-4.0.1-beta-1-schemas.zip.

## Important remark

Future softwarehouses, who want to integrate with Recip-e, should use a default namespace to their requests, as shown in the example below:

```
<ns2:createPrescriptionParam xmlns:ns2="http://services.recipe.be/prescriber">
  <prescription>MIAGCSq...</prescription>
  <prescriptionType>P0</prescriptionType>
  <feedbackRequested>false</feedbackRequested>
  <patientId>12345678910</patientId>
  <symmKey>/o+1Mc0Hw ... 0/O/kPZ</symmKey>
  <keyId>5MaC/GM ... 6SQA==</keyId>
  <expirationDate>2020-12-01</expirationDate>
  <vision/>
</ns2:createPrescriptionParam>
```

## Instead of

```
<createPrescriptionParam xmlns="http://services.recipe.be/prescriber">
  <prescription>MIAGCSq...</prescription>
  <prescriptionType>P0</prescriptionType>
  <feedbackRequested>false</feedbackRequested>
  <patientId>12345678910</patientId>
  <symmKey>>/o+1Mc0Hw ... 0/O/kPZ</symmKey>
  <keyId>5MaC/GM ... 6SQA==</keyId>
  <expirationDate>2020-12-01</expirationDate>
  <vision/>
</createPrescriptionParam>
```

## Overview operations

### 1. LISTRESERVATIONS

Operation Name	<b>ListReservations(ListReservations)</b>			
Class Name	<b>ExecutorIntegrationModuleV4</b>			
Description	<i>This function retrieves the reserved Recip-e identifiers and their reservation dates. The request contains a start date: only reservations after the start date are returned. The SDK maintains a list of previous returned reservations (RID + reservation date). The status of the prescription is not modified by calling this operation.</i>			
Errors	<i>Specific exception details are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
Inputs Integration Module	Request-entity	Attribute	Type	Description
	ListReservationsParam	symmKey	Byte []	The symmetric key to be used by Recip-e to encrypt the response
		startDate	String	The start date indicating the beginning of the period of the requested reservations.
		page(optional)	Page	The page to return (by default: the current month).
		session(optional)	byte[]	The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.

	Page	Month(unused)	int	The month of interest
		year(unused)	int	The year of interest
		pageNumber	int	The pagination number
	Session		byte []	The session context. This object is unreadable for the client.
	ListReservationsRequest	securedListReservationsRequest	byte[]	The ListReservationsParam-object sealed with the Recip-e ETK
		programId	String	The identifier of the calling executor program
		id	String	The mguid to identify the request
		issueInstant	DateTime	The current dateTime
Output Integration Module	Response-entity	Attribute	Type	Description
	ListReservationsResponse	securedListReservationsResponse	Byte []	Sealed byte representation of the ListReservationsResult-object. Unseal with the symmetric key from the request-parameters.
	ListReservationsResult	status	StatusType	Contains the StatusType-object - object
		items	List	List of ListReservationsResultItem-objects
		hasMoreResults	Boolean	Flag indicating if there are more results
		session	Byte[]	The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.
	ListReservationsResultItem	rid	String	The Recip-e identifier
		executorId	String	The executor identifier
		creationDateReservation	Calendar	The creationdate of the reservation
		lastUpdateReservation	Calendar	The lastupdate of the reservation
		Prescription	GetOpenPrescriptionForExecutor	The prescription without the proof
		creationDate	Calendar	The creationdate of the prescription
		expirationDate	Calendar	The expirationdate of the prescription
		prescriptionStatus	PrescriptionStatus	The prescription status
		patientId	String	The patient identifier
		prescriberId	String	The prescriber identifier
		emailAddress	String	The email address

	telephoneNumber	String	The telephone number
	contactPreference	contactPreference	The preferred contact. (possible values are defined in the recipe-core.xsd file under the simpleType: contactPreference)
GetOpenPrescriptionForExecution	rid	String	The Recip-e identifier
	prescriptionStatus	PrescriptionStatus	The prescription status of the Recip-e identifier
	creationdate	Date	The creation date of the prescription
	patientId	String	The patientId
	prescription	Byte []	The prescription bytes
	feedbackAllowed	Boolean	Flag indicating feedback is allowed or not
	expirationDate	Calendar	The expiration date of the prescription
	prescriptionType	String	The prescription type
	encryptionKeyId	String	The encryption key id
	prescriberId	String	The prescriber id
StatusType	statusCode	String	100: ok 300: error occurred
	code	String	The technical code of the error message e.g. error.validation.x.y.z
	message	String	The error message
	statusUpdater	String	The last statusupdater in case an operation is not permitted

## 2. PUTRIDSINPROCESS

Operation Name	<b>PutRidsInProcess(PutRidsInProcess)</b>
Class Name	<b>ExecutorIntegrationModuleV4</b>
Description	<p>This function sets a list of prescriptions in status InProcess. The request is limited to process 10 RIDs in one request. The response returns the set of RIDs and their actual status. If the status in the response is not the expected InProcess-status, this means that a problem occurred to update the RID to this status.</p> <p>An example response could be:</p> <pre>{ (RID1, InProcess, statusUpdater1), (RID2, Archived, statusUpdater2) }</pre> <ul style="list-style-type: none"> <li>As RID1 has the status InProcess, this update took place correctly. The statusUpdater is the person who called the PutRidsInProcess-operation.</li> <li>As RID2 has the status Archived, the update to status InProcess could not take place and the operation will return the actual status from the prescription. The statusUpdater is the person who archived the prescription.</li> </ul>

<b>Errors</b>	Specific exception details are returned in the encrypted part of the response. See <i>StatusType.message</i> . Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>PutRidsInProcessParam</i>	<i>symmKey</i>	<i>Byte []</i>	The symmetric key to be used by Recip-e to encrypt the response
		<i>rids</i>	<i>List&lt;String&gt;</i>	The Recip-e identifiers to put in process
	<i>PutRidsInProcessRequest</i>	<i>securedPutRidsInProcessRequest</i>	<i>Byte[]</i>	The <i>PutRidsInProcessParam</i> -object sealed with the Recip-e FTK
		<i>programId</i>	<i>String</i>	The identifier of the calling executor program
		<i>id</i>	<i>String</i>	The mguid to identify the request
		<i>issueInstant</i>	<i>DateTime</i>	The current dateTime
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>PutRidsInProcessResponse</i>	<i>securedPutRidsInProcessResult</i>	<i>Byte []</i>	Sealed byte representation of <i>PutRidsInProcessResult</i> . Unseal with the symmetric key from the <i>PutRidsInProcessParam</i> -object.
	<i>PutRidsInProcessResult</i>	<i>Status</i>	<i>StatusType</i>	Contains the <i>StatusType</i> -object - object
		<i>items</i>	<i>List</i>	List containing items of type the <i>PutRidsInProcessResultItem</i> -object
	<i>PutRidsInProcessResultItem</i>	<i>rid</i>	<i>String</i>	The Recip-e identifier
		<i>prescriptionStatus</i>	<i>PrescriptionStatus</i>	The prescription status
		<i>statusUpdater</i>	<i>String</i>	The statusUpdater
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	100: ok 300: error occurred
		<i>code</i>	<i>String</i>	The technical code of the error message e.g. error.validation.x.y.z
		<i>message</i>	<i>String</i>	The error message
		<i>statusUpdater</i>	<i>String</i>	The last statusUpdater in case an operation is not permitted

### 3. LISTRIDSINPROCESS

<b>Operation Name</b>	<b>ListRidsInProcess(ListRidsInProcess)</b>			
<b>Class Name</b>	<b>ExecutorIntegrationModuleV4</b>			
<b>Description</b>	This function retrieves a list of RIDs which have the status InProcess. The status of the prescription is not modified by executing this function.			
<b>Errors</b>	Specific exception details are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	ListRidsInProcessParam	symmKey	Byte []	The symmetric key to be used by Recip-e to encrypt the response
		page(optional)	Page	The page to return. ( by default: the last previous 12 months).
		page(optional)	Page	The page to return. ( by default: the last previous 12 months).
		Session(optional)	Session	The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.
	Page	Month(unused)	int	The month of interest
		year(unused)	int	The year of interest
		pageNumber	int	The pagination number
	Session		byte []	The session context. This object is unreadable for the client.
	ListRidsInProcessRequest	SecuredListRidsInProcessRequest	Byte[]	The ListRidsInProcessParam-object sealed with the Recip-e ETK
		programId	String	The identifier of the calling executor program

Output Integratio n Module		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>ListRidsInProcessResponse</i>	<i>SecuredListRidsInProce ssResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of the ListRidsInProcessResult-object. Unseal with the symmetric key from the GetAll RidInProcessParam-object.</i>
	<i>ListRidsInProcessResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
		<i>rids</i>	<i>List</i>	<i>List of Recip-e identifiers which have status &lt;InProcess&gt;</i>
		<i>hasMoreResults</i>	<i>Boolean</i>	<i>Flag indicating if there are more results</i>
		<i>session</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>
		<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

#### 4. GETPRESCRIPTIONSTATUS

<b>Operation Name</b>	<b><i>GetPrescriptionStatus(GetPrescriptionStatus)</i></b>			
<b>Class Name</b>	<b><i>ExecutorIntegrationModuleV4</i></b>			
<b>Description</b>	<i>This function retrieves the status of <u>one</u> prescription. This operation does not modify the status of the prescription.</i>			
<b>Errors</b>	<i>Specific exception details are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
Inputs Integration Module	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>GetPrescriptionStatusPar am</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>
		<i>rid</i>	<i>String</i>	<i>The rid or ridEx</i>

	<i>GetPrescriptionStatusRequest</i>	<i>securedGetPrescriptionStatusRequest</i>	<i>Byte[]</i>	<i>GetPrescriptionStatusParam sealed with the Recip-e ETK</i>
		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>
		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>GetPrescriptionStatusResponse</i>	<i>securedGetVisionForPrescriberResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of GetPrescriptionStatusResult.</i>
	<i>GetPrescriptionStatusResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
		<i>prescriptionStatus</i>	<i>PrescriptionStatus</i>	<i>The prescription status</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>
		<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

## 5. LISTRIDSHISTORY

<b>Operation Name</b>	<i>ListRidsHistory(ListRidsHistory)</i>			
<b>Class Name</b>	<i>ExecutorIntegrationModuleV4</i>			
<b>Description</b>	<i>This function returns a list of RIDs and their actual status for a given patientId. The statuses of the prescriptions are not modified by calling this operation.</i>			
<b>Errors</b>	<i>Specific exceptiondetails are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>ListRidsHistoryParam</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>
		<i>patientId</i>	<i>String</i>	<i>The patient identifier</i>
		<i>activeResults</i>	<i>Boolean</i>	<i>Flag indicating to return active or historical prescriptions</i>
		<i>breakTheGlass</i>	<i>breakTheGlass</i>	<i>breakTheGlass type is defined in UnsealedExecutorServicesV4_schema1</i>
		<i>page(optional)</i>	<i>Page</i>	<i>The page to return. ( by default: the last previous 12 months).</i>

	<i>Session(optional)</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.</i>
<i>Page</i>	<i>Month(unused)</i>	<i>int</i>	<i>The month of interest</i>
	<i>year(unused)</i>	<i>int</i>	<i>The year of interest</i>
	<i>pageNumber</i>	<i>int</i>	<i>The pagination number</i>
<i>Session</i>		<i>byte []</i>	<i>The session context. This object is unreadable for the client.</i>
<i>ListRidsHistoryRequest</i>	<i>securedListRidsHistoryRequest</i>	<i>Byte[]</i>	<i>The ListRidsHistoryParam-object sealed with the Recip-e ETK</i>
	<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>
	<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
	<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
<i>ListRidsHistoryResponse</i>	<i>securedListRidsHistoryResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of the ListRidsHistoryResult-object. Unseal with the symmetric key from the request.</i>
<i>ListRidsHistoryResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
	<i>items</i>	<i>List</i>	<i>The list of the ListRidsHistoryItem-object</i>
	<i>hasMoreResults</i>	<i>Boolean</i>	<i>Flag indicating if there are more results</i>
	<i>session</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.</i>
<i>ListRidsHistoryItem</i>	<i>rid</i>	<i>String</i>	<i>The Recip-e identifier</i>
	<i>prescriptionStatus</i>	<i>PrescriptionStatus</i>	<i>The prescription status</i>
<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
	<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>



	<i>message</i>	<i>String</i>	<i>The error message</i>
	<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

## 6. LISTOPENPRESCRIPTIONS

<b>Operation Name</b>	<b>ListOpenPrescriptions(ListOpenPrescriptions)</b>			
<b>Class Name</b>	<b>ExecutorIntegrationModuleV4</b>			
<b>Description</b>	This function retrieves a list of prescriptions including the encryption key without the proof. The statuses of the prescriptions are not modified by calling this operation.			
<b>Errors</b>	Specific exception details are returned in the encrypted part of the response. See <i>StatusType.message</i> . Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>ListOpenPrescriptionsParam</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>
		<i>mandateHolderId</i>	<i>String</i>	<i>The mandateholder identifier</i>
		<i>patientId</i>	<i>String</i>	<i>The patient identifier</i>
		<i>breakTheGlass</i>	<i>breakTheGlass</i>	<i>breakTheGlass type is defined in UnsealedExecutorServicesV4_schema1</i>
		<i>page(optional)</i>	<i>Page</i>	<i>The page to return. ( by default: the last previous 12 months).</i>
		<i>session(optional)</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object</i>
	<i>Page</i>	<i>Month(unused)</i>	<i>int</i>	<i>The month of interest</i>
		<i>year(unused)</i>	<i>int</i>	<i>The year of interest</i>
		<i>pageNumber</i>	<i>int</i>	<i>The pagination number</i>
	<i>Session</i>		<i>byte []</i>	<i>The session context. This object is unreadable for the client.</i>
	<i>ListOpenPrescriptionsRequest</i>	<i>securedListOpenPrescriptionsRequest</i>	<i>Byte[]</i>	<i>The ListOpenPrescriptionsParam-object sealed with the Recip-e ETK</i>

Output Integrati on Module		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>
		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>ListOpenPrescriptionsResponse</i>	<i>securedListOpenPrescriptionsResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of the ListOpenPrescriptionsResult-object. Unseal with the symmetric key from the request-parameters.</i>
	<i>ListOpenPrescriptionsResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
		<i>prescriptions</i>	<i>List</i>	<i>The list of <u>GetOpenPrescriptionForExecutor</u>-objects</i>
		<i>hasMoreResults</i>	<i>Boolean</i>	<i>Flag indicating if there are more results</i>
		<i>session</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.</i>
	<i>GetOpenPrescriptionForExecutor</i>	<i>rid</i>	<i>String</i>	<i>The Recip-e identifier</i>
		<i>prescriptionStatus</i>	<i>PrescriptionStatus</i>	<i>The prescription status of the Recip-e identifier</i>
		<i>creationdate</i>	<i>Date</i>	<i>The creation date of the prescription</i>
		<i>patientId</i>	<i>String</i>	<i>The patientId</i>
		<i>prescription</i>	<i>Byte []</i>	<i>The prescription bytes</i>
		<i>feedbackAllowed</i>	<i>Boolean</i>	<i>Flag indicating feedback is allowed or not</i>
		<i>expirationDate</i>	<i>Calendar</i>	<i>The expiration date of the prescription</i>
		<i>prescriptionType</i>	<i>String</i>	<i>The prescription type</i>

	<i>encryptionKeyld</i>	<i>String</i>	<i>The encryption key id</i>
	<i>prescriberId</i>	<i>String</i>	<i>The prescriber id</i>
<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
	<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
	<i>message</i>	<i>String</i>	<i>The error message</i>
	<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

## 7. CREATEFEEDBACK

<b>Operation Name</b>	<b><i>CreateFeedback(CreateFeedback)</i></b>			
<b>Class Name</b>	<b><i>ExecutorIntegrationModuleV4</i></b>			
<b>Description</b>	<i>This operation sends a feedback from an executor to a prescriber.</i>			
<b>Errors</b>	<i>Specific exceptiondetails are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>CreateFeedbackParam</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the</i>
		<i>rid</i>	<i>String</i>	<i>The Recip-e identifier</i>
		<i>content</i>	<i>Byte []</i>	<i>The content of the feedback</i>
		<i>prescriberId</i>	<i>String</i>	<i>The prescriber identification</i>
	<i>CreateFeedbackRequest</i>	<i>securedCreateFeedbackRequest</i>	<i>Byte[]</i>	<i>The CreateFeedbackParam-object sealed with the Recip-e FTK</i>
		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>
		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>

CreateFeedbackResponse	securedCreateFeedbackResponse	Byte []	Sealed byte representation of the CreateFeedbackResult-object. Unseal with the symmetric key
CreateFeedbackResult	status	StatusType	Contains the StatusType-object
StatusType	statusCode	String	100: ok 300: error occurred
	code	String	The technical code of the error message e.g. 300: validation error
	message	String	The error message
	statusUpdater	String	The last statusupdater in case an operation is not permitted

## 8. GETPRESCRIPTIONFOREXECUTOR

Operation Name	GetPrescriptionForExecutor(GetPrescriptionForExecutor)			
Class Name	ExecutorIntegrationModuleV4			
Description	This operation returns the prescription (with encrypted prescription bytes) for a given Recip-e identifier. This operation does modify the status of the prescription to InProcess.			
Errors	Specific exception details are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.			
Inputs Integration Module	Request-entity	Attribute	Type	Description
	GetPrescriptionForExecutorParam	symmKey	Byte []	The symmetric key to be used by Recip-e to encrypt the response
		rid	String	The Recip-e identifier
		patientId	String	The patient identifier
		version	String	The prescription version
	GetPrescriptionForExecutorRequest	securedGetPrescriptionForExecutorRequest	Byte[]	The GetPrescriptionForExecutorParam-object sealed with the Recip-e ETK
		disablePatientInsurabilityCheckParam	Boolean	Flag to disable the insurability check performed by eHealth.
		programId	String	The identifier of the calling executor program
		id	String	The mguid to identify the request

		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>GetPrescriptionForExecutorResponse</i>	<i>securedGetPrescriptionForExecutorResponse</i>	<i>GetPrescriptionForExecutorResultWrapper</i>	<i>The GetPrescriptionForExecutorResponse-object</i>
		<i>prescriptionType</i>	<i>String</i>	<i>The prescription type (P0 or P1)</i>
		<i>getInsurabilityForPharmacistResponse</i>	<i>GetInsurabilityForPharmacistResponse</i>	<i>The insurability information from MyCareNet</i>

## 9. MARKASARCHIVED

<b>Operation Name</b>	<b><i>MarkAsArchived(MarkAsArchived)</i></b>			
<b>Class Name</b>	<b><i>ExecutorIntegrationModuleV4</i></b>			
<b>Description</b>	<i>This operation marks the status of a prescription as Archived. The prescription bytes are removed.</i>			
<b>Errors</b>	<i>Specific exception details are returned in the encrypted part of the response. See <i>StatusType.message</i>. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>MarkAsArchivedParam</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>
		<i>rid</i>	<i>String</i>	<i>The Recip-e identifier</i>
	<i>MarkAsArchivedRequest</i>	<i>securedMarkAsArchivedRequest</i>	<i>Byte[]</i>	<i>The MarkAsArchivedParam-object sealed with the Recip-e ETK</i>
		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>

		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>MarkAsArchivedResponse</i>	<i>securedMarkAsArchivedResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of the MarkAsArchivedResult-object.</i>
	<i>MarkAsArchivedResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>
		<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

## 10. MARKASDELIVERED

<b>Operation Name</b>	<b><i>MarkAsDelivered(MarkAsDelivered)</i></b>			
<b>Class Name</b>	<b><i>ExecutorIntegrationModuleV4</i></b>			
<b>Description</b>	<i>This operation marks status of a prescription as Delivered.</i>			
<b>Errors</b>	<i>Specific exceptiondetails are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>MarkAsDeliveredParam</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>

		<i>rid</i>	<i>String</i>	The Recip-e identifier
	<i>MarkAsDeliveredRequest</i>	<i>securedMarkAsDeliveredRequest</i>	<i>Byte[]</i>	<i>The MarkAsDeliveredParam-object sealed with the Recip-e FTK</i>
		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>
		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>MarkAsDeliveredResponse</i>	<i>securedMarkAsDeliveredResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of the MarkAsDeliveredResult-object. Unseal with the</i>
	<i>MarkAsDeliveredResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>
		<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

## 11. MARKASUNDELIVERED

<b>Operation Name</b>	<b><i>MarkAsUnDelivered(MarkAsUndelivered)</i></b>
<b>Class Name</b>	<b><i>ExecutorIntegrationModuleV4</i></b>
<b>Description</b>	<i>This operation marks status of a prescription as NotDelivered.</i>
<b>Errors</b>	<i>Specific exceptiondetails are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>

Inputs Integration Module	Request-entity	Attribute	Type	Description
	MarkAsUndeliveredParam	symmKey	Byte []	The symmetric key to be used by Recip-e to encrypt the response
		Rid	String	The Recip-e identifier
	MarkAsUnDeliveredRequest	securedMarkAsUnDeliveredRequest	Byte[]	The MarkAsUndeliveredParam-object sealed with the Recip-e ETK
		programId	String	The identifier of the calling executor program
		id	String	The mguid to identify the request
		issueInstant	DateTime	The current dateTime
Output Integration Module	Response-entity	Attribute	Type	Description
	MarkAsUnDeliveredResponse	securedMarkAsUnDeliveredResponse	Byte []	Sealed byte representation of The MarkAsUnDeliveredResult-object. Unseal with the symmetric key from the
	MarkAsUnDeliveredResult	status	StatusType	Contains the StatusType-object
	StatusType	statusCode	String	100: ok 300: error occurred
		code	String	The technical code of the error message e.g. error.validation.x.y.z
		message	String	The error message
		statusUpdater	String	The last statusupdater in case an operation is not permitted



## 12. LISTNOTIFICATIONS

<b>Operation Name</b>	<b>ListNotifications(ListNotifications)</b>			
<b>Class Name</b>	<b>ExecutorIntegrationModuleV4</b>			
<b>Description</b>	This operation returns the list of notifications sent by a prescriber to a given executor.			
<b>Errors</b>	Specific exception details are returned in the encrypted part of the response. See <i>StatusType.message</i> . Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	ListNotificationsParam	symmKey	Byte []	The symmetric key to be used by Recip-e to encrypt the response
		readFlag	Boolean	Flag indicating the notification is read or not.
	ListNotificationsRequest	securedListNotificationsRequest	Byte[]	The ListNotificationsParam-object sealed with the Recip-e ETK
		programId	String	The identifier of the calling executor program
		id	String	The mguid to identify the request
		issueInstant	DateTime	The current dateTime
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	ListNotificationsResponse	securedListNotificationsResponse	Byte []	Sealed byte representation of the MarkAsUndeliveredResult-object. Unseal with the symmetric key from the request.

	<i>ListNotificationsResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
		<i>notifications</i>	<i>List</i>	<i>List of NotificaitonItem-objects</i>
	<i>ListNotificationsItem</i>	<i>sentBy</i>	<i>String</i>	<i>The identifier of the sender</i>
		<i>sentDate</i>	<i>Calendar</i>	<i>The sent date</i>
		<i>content</i>	<i>Byte []</i>	<i>The content bytes</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>
		<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

### 13. REVOKEPRESCRIPTION

<b>Operation Name</b>	<b><i>RevokePrescription(RevokePrescription)</i></b>			
<b>Class Name</b>	<b><i>ExecutorIntegrationModuleV4</i></b>			
<b>Description</b>	<i>This operation updates the status of a prescription to Revoked. The prescription bytes are removed.</i>			
<b>Errors</b>	<i>Specific exceptiondetails are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>

	<i>RevokePrescriptionParam</i>	<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>
		<i>rid</i>	<i>String</i>	The Recip-e identifier
		<i>reason</i>	<i>String</i>	The reason of revocation
	<i>RevokePrescriptionRequest</i>	<i>securedRevokePrescriptionRequest</i>	<i>Byte[]</i>	<i>The RevokePrescriptionParam-object sealed with the Recip-e ETK</i>
		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>
		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>RevokePrescriptionResponse</i>	<i>securedRevokePrescriptionResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of The RevokePrescriptionResult-object. Unseal with the symmetric key from the request.</i>
<b>Output Integration Module</b>	<i>RevokePrescriptionResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>

		<i>statusUpdater</i>	<i>String</i>	<i>The last statusUpdater in case an operation is not permitted</i>
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## 14. LISTRELATIONS

<b>Operation Name</b>	<b>ListRelations(ListRelations)</b>			
<b>Class Name</b>	<b>ExecutorIntegrationModuleV4</b>			
<b>Description</b>	<i>This operation returns the list of patients who have given a mandate to the mandateHolder from the request.</i>			
<b>Errors</b>	<i>Specific exception details are returned in the encrypted part of the response. See StatusType.message. Technical Services Exception such as a Connection failure to the Recip-e server are caught by eHealth and translated into a SOA-fault.</i>			
<b>Inputs Integration Module</b>	<b>Request-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>ListRelationsParam</i>	<i>mandateHolderId</i>	<i>String</i>	<i>The identifier of the mandateholder</i>
		<i>breakTheGlass</i>	<i>breakTheGlass</i>	<i>breakTheGlass type is defined in UnsealedExecutorServicesV4_schema1</i>
		<i>symmKey</i>	<i>Byte []</i>	<i>The symmetric key to be used by Recip-e to encrypt the response</i>
		<i>page(optional)</i>	<i>Page</i>	<i>The page to return. ( by default: the last previous 12 months).</i>
		<i>session(optional)</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object facilitates faster processing on the server of subsequent listrequests by storing operation specific state.</i>
	<i>Page</i>	<i>Month(unused)</i>	<i>int</i>	<i>The month of interest</i>
		<i>year(unused)</i>	<i>int</i>	<i>The year of interest</i>
		<i>pageNumber</i>	<i>int</i>	<i>The pagination number</i>
	<i>Session</i>		<i>byte []</i>	<i>The session context. This object is unreadable for the client.</i>
	<i>ListRelationsRequest</i>	<i>securedListRelationsRequest</i>	<i>Byte[]</i>	<i>The ListRelationsParam-object sealed with the Recip-e ETK</i>
		<i>programId</i>	<i>String</i>	<i>The identifier of the calling executor program</i>

		<i>id</i>	<i>String</i>	<i>The mguid to identify the request</i>
		<i>issueInstant</i>	<i>DateTime</i>	<i>The current dateTime</i>
<b>Output Integration Module</b>	<b>Response-entity</b>	<b>Attribute</b>	<b>Type</b>	<b>Description</b>
	<i>ListRelationsResponse</i>	<i>securedListRelationsResponse</i>	<i>Byte []</i>	<i>Sealed byte representation of the ListRelationsResult-object. Unseal with the symmetric key from the request.</i>
	<i>ListRelationsResult</i>	<i>status</i>	<i>StatusType</i>	<i>Contains the StatusType-object</i>
		<i>items</i>	<i>List</i>	<i>The list of ListRelationsItem-objects</i>
		<i>hasMoreResults</i>	<i>Boolean</i>	<i>Flag indicating if there are more results</i>
		<i>session</i>	<i>Session</i>	<i>The session is returned by the server and is contained in the first paging response. This object facilitates faster</i>
	<i>ListRelationsItem</i>	<i>patientId</i>	<i>String</i>	<i>The patient who gave the mandateHolderId a mandate to request a (list of) prescription(s) on their behalf.</i>
		<i>Firstname</i>	<i>String</i>	<i>The firstname of the patient who gave the mandate</i>
		<i>Lastname</i>	<i>String</i>	<i>The lastname of the patient who gave the mandate</i>
	<i>StatusType</i>	<i>statusCode</i>	<i>String</i>	<i>100: ok 300: error occurred</i>
		<i>code</i>	<i>String</i>	<i>The technical code of the error message e.g. error.validation.x.y.z</i>
		<i>message</i>	<i>String</i>	<i>The error message</i>
		<i>statusUpdater</i>	<i>String</i>	<i>The last statusupdater in case an operation is not permitted</i>

## Overview of changes of this document

Version Number	Date	Author	Changes (content)	Available as of
Version 1	2019/09/30	BCA	Initial version	
Version 2	2019/11/14	BCA	<ul style="list-style-type: none"> <li>• Add <i>activeResults</i> to <i>ListRidsHistoryParam</i></li> <li>• The <i>ListReservationsResult</i> contains a list of <i>ListReservationsResultItem</i>-objects in stead of <i>Reservation</i>-objects</li> <li>• The <i>ListReservationsResultItem</i> contains the default information of the reservation: <ul style="list-style-type: none"> <li>○ <i>Rid</i></li> <li>○ <i>executorId</i></li> <li>○ <i>creationdate</i> of the reservation</li> <li>○ <i>last updatedate</i> of the reservation</li> </ul> <i>And is extended with the following items:</i> <ul style="list-style-type: none"> <li>○ <i>Prescription without proof</i></li> <li>○ <i>Creationdate prescription</i></li> <li>○ <i>Expirationdate prescription</i></li> <li>○ <i>Status of the prescription</i></li> <li>○ <i>patientId</i></li> <li>○ <i>prescriberId</i></li> </ul> </li> </ul>	<i>Release 2020Q1</i>
Version 3	2019/12/19	BCA	Correction to <ul style="list-style-type: none"> <li>• <i>ListOpenPrescriptions</i></li> <li>• <i>ListRelations</i></li> </ul>	<i>Release 2020Q1</i>
Version 4	2020/10/21	BCA	Add <i>firstname</i> and <i>lastname</i> to <i>ListRelationItem</i>	<i>Release 2020Q3</i>
Version 5	2020/11/26	Recip-e	Add information on use of default namespace	<i>Release 2020Q4</i>
Version 6	2021/08/12	NDH	Add contact details and preference to <i>createReservation</i>	
Version 7	2021/12/09	NDH	Add <i>breakTheGlass</i> to <i>ListRelations</i> , <i>ListOpenPrescriptions</i> and <i>ListRidsHistory</i>	