



Mass Hlway
Massachusetts Health Information Highway
Statewide Health Information Exchange

Differences in CLPPP Node Responses in Clinical Gateway for Version 1.0 and 2.0



The Mass Hlway is operated by the Commonwealth of Massachusetts' Executive Office of Health and Human Services (EOHHS). For more information visit www.masshiway.net.

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Introduction

In January 2018, the Commonwealth decided to upgrade its operations to Hlway 2.0, which entails the incorporation of the latest standards in the industry. With this in mind, the Clinical nodes, which help our DPH bureaus' providers to communicate to their backend systems, have been upgraded to cater to the latest standards. Certain improvements have also been made to the code for each of the nodes and they are outlined below.

Listed in the following sections are the differences between CLPPP Clinical Gateway Node Version 1.0 & Version 2.0 responses.

Note: The following convention is used in this document to improve readability:

- The actual text that appears in the responses is in regular Arial font and in some cases part of the text is highlighted in **Bold** for business/human friendly readability.
- In order to give additional clarity for the scenarios listed, we provided text in *Purple*, formatted to *Italic* and underlined to provide additional information about the outcome. In the example below, the following text is not a response from the clinical node, but it is provided for additional information:
 - *There is no file naming convention*

Clinical Gateway Node: CLPPP

For Webmail / HISP User (SMIME)

The table below lists the comparison between the Hlway 1.0 and Hlway 2.0 differences with the CG Ver. 1.0 and Ver. 2.0 messages for various scenarios.

Scenario	In Ver. 1.0 this is the Response Message	In Ver. 2.0 this is the Response Message
When we attach a payload file to the message	File Name should start with CLPPP_	<u><i>There is no file naming convention</i></u>
When the message contains empty payload. (attachment with no data/ No attachment)	No attachments found with your message submission. Please resend with your information as an attachment. Also please make sure the attachment is prefixed with 'CLPPP_'	<u><i>No Response sent back</i></u>
When the message contains multiple payloads	Please attach Only one file with each submission. Please resend your information with one attachment.	Application does not support multiple payloads
When a success or failure response is received from CLPPP application	<u><i>Same in CG 1.0 & CG 2.0(Since there is no Business Validation changes)</i></u>	<u><i>Same in CG 1.0 & CG 2.0(Since there is no Business Validation changes)</i></u>
When the sender's domain is not authorized or cannot be authorized	<pre><soapenv:Fault xmlns:soapenv="http://www.w3.org/2003/05/s oap-envelope"><soapenv:Code> <soapenv:Value>CG103</soapenv:Value> <soapenv:Subcode> <soapenv:Value>Organization not Authorized.</soapenv:Value> </soapenv:Subcode> </soapenv:Code> <soapenv:Reason> <soapenv:Text>Organization is</pre>	Organization is not Authorized

	<pre> not authorized. Please contact Customer Service. </soapenv:Text> </soapenv:Reason> <soapenv:Node>Direct Gateway</soapenv:Node> <soapenv:Detail> <urn:DocumentRepository_ProvideAndRegist erDocumentSet-bFault xmlns:urn="urn:ihe:iti:xds-b:2007"> <urn:payload>Please Contact Mass HiWay Customer Service</urn:payload> </urn:DocumentRepository_ProvideAndRegis terDocumentSet-bFault> </soapenv:Detail> </soapenv:Fault> </pre>	
When the message could not be delivered to the CLPPP application	<pre> <soapenv:Fault xmlns:soapenv="http://www.w3.org/2003/05/s oap-envelope"> <soapenv:Code> <soapenv:Value>CG201</soapenv:Value> <soapenv:Subcode> <soapenv:Value>Timeout</soapenv:Value> </soapenv:Subcode> </soapenv:Code> <soapenv:Reason> <soapenv:Text>Backend service is not available, Please Contact Customer service</soapenv:Text> </soapenv:Reason> <soapenv:Node>CLPPP</soapenv:Node> <soapenv:Detail> <urn:DocumentRepository_ProvideAndRegist erDocumentSet-bFault xmlns:urn="urn:ihe:iti:xds-b:2007"> <urn:payload>Backend service is not available, Please Contact Customer service</urn:payload> </urn:DocumentRepository_ProvideAndRegis terDocumentSet-bFault> </soapenv:Detail> </soapenv:Fault> </pre>	Failed to process the request, please contact Mass Hiway Customer Service
When the message could not be delivered to the CLPPP application	<pre> <soapenv:Fault xmlns:soapenv="http://www.w3.org/2003/05/s oap-envelope"> <soapenv:Code> <soapenv:Value>CG201</soapenv:Value> <soapenv:Subcode> <soapenv:Value>Timeout</soapenv:Value> </soapenv:Subcode> </pre>	<u>No Response sent back</u>

	<pre> </soapenv:Code> <soapenv:Reason> <soapenv:Text>Backend service is not available, Please Contact Customer service</soapenv:Text> </soapenv:Reason> <soapenv:Node>CLPPP</soapenv:Node> <soapenv:Detail> <urn:DocumentRepository_ProvideAndRegist erDocumentSet-bFault xmlns:urn="urn:ihe:iti:xds-b:2007"> <urn:payload>Backend service is not available, Please Contact Customer service</urn:payload> </urn:DocumentRepository_ProvideAndRegis terDocumentSet-bFault> </soapenv:Detail> </soapenv:Fault> </pre>	
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LAND & XDR Users

The table below lists the comparison between the HIway 1.0 and HIway 2.0 differences with the CG Ver. 1.0 and Ver. 2.0 messages for various scenarios.

Scenario	In Ver. 1.0 this is the Response Message	In Ver. 2.0 this is the Response Message
When the message contains empty payload (LAND folder drop-No Data/content in file)	<u>Same in CG 1.0 & CG 2.0 (File will not be picked up from folder).</u>	<u>Same in CG 1.0 & CG 2.0 (File will not be picked up from folder.)</u>
When the message contains multiple payloads	Please attach Only one file with each submission. Please resend your information with one attachment.	Application does not support multiple payloads
When the message contains empty payload (XDR Msg from EMR)	Payload is missing or empty	<u>No Response sent back</u>

<p>system-No Data/content in file)</p>		
<p>When a success or failure response is received from CLPPP application</p>	<p><u>Same in CG 1.0 & CG 2.0(Since there is no Business Validation changes)</u></p>	<p><u>Same in CG 1.0 & CG 2.0(Since there is no Business Validation changes)</u></p>
<p>When the sender's domain is not authorized or cannot be authorized</p>	<pre> <soapenv:Fault xmlns:soapenv="http://www.w3.org/2003/05/s oap-envelope"> <soapenv:Code> <soapenv:Value>CG103</soapenv:Value> <soapenv:Subcode> <soapenv:Value>Organization not Authorized.</soapenv:Value> </soapenv:Subcode> </soapenv:Code> <soapenv:Reason> <soapenv:Text>Organization is not authorized. Please contact Customer Service.</soapenv:Text> </soapenv:Reason> <soapenv:Node>Direct Gateway</soapenv:Node> <soapenv:Detail> <urn:DocumentRepository_ProvideAndRegist erDocumentSet-bFault xmlns:urn="urn:ihe:iti:xds-b:2007"> <urn:payload>Please Contact Mass HiWay Customer Service</urn:payload> </urn:DocumentRepository_ProvideAndRegis terDocumentSet-bFault> </soapenv:Detail> </soapenv:Fault> </pre>	<p>Organization is not Authorized</p>
<p>When the message could not be delivered to the CLPPP application</p>	<pre> <soapenv:Fault xmlns:soapenv="http://www.w3.org/2003/05/s oap-envelope"> <soapenv:Code> <soapenv:Value>CG201</soapenv:Value> <soapenv:Subcode> <soapenv:Value>Timeout</soapenv:Value> </soapenv:Subcode> </soapenv:Code> <soapenv:Reason> </pre>	<p>Failed to process the request, please contact Mass Hiway Customer Service</p>

	<pre> <soapenv:Text>Backend service is not available, Please Contact Customer service</soapenv:Text> </soapenv:Reason> <soapenv:Node>CLPPP</soapenv:Node> <soapenv:Detail> <urn:DocumentRepository_ProvideAndRegist erDocumentSet-bFault xmlns:urn="urn:ihe:iti:xds-b:2007"> <urn:payload>Backend service is not available, Please Contact Customer service</urn:payload> </urn:DocumentRepository_ProvideAndRegis terDocumentSet-bFault> </soapenv:Detail> </soapenv:Fault> </pre>	
<p>When the message could not be delivered to the CLPPP application</p>	<pre> <soapenv:Fault xmlns:soapenv="http://www.w3.org/2003/05/s oap-envelope"> <soapenv:Code> <soapenv:Value>CG201</soapenv:Value> <soapenv:Subcode> <soapenv:Value>Timeout</soapenv:Value> </soapenv:Subcode> </soapenv:Code> <soapenv:Reason> <soapenv:Text>Backend service is not available, Please Contact Customer service</soapenv:Text> </soapenv:Reason> <soapenv:Node>CLPPP</soapenv:Node> <soapenv:Detail> <urn:DocumentRepository_ProvideAndRegist erDocumentSet-bFault xmlns:urn="urn:ihe:iti:xds-b:2007"> <urn:payload>Backend service is not available, Please Contact Customer service</urn:payload> </urn:DocumentRepository_ProvideAndRegis terDocumentSet-bFault> </soapenv:Detail> </soapenv:Fault> </pre>	<p><u>No Response sent back</u></p>