SOAP Faults

Version 5.01 – Occurrence 27 is deprecated
Date 26/04/2019

ID	HTTP Status Code	SOAP Fault	Occurrences

1	500	`<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">`
		`  <SOAP-ENV:Header/>`
		`  <SOAP-ENV:Body>`
		`    <SOAP-ENV:Fault>`
		`      <faultcode>SOAP-ENV:VersionMismatch</faultcode>`
		`      <faultstring xml:lang="en">Soap Envelope Version Mismatch</faultstring>`
		`    </SOAP-ENV:Fault>`
		`  </SOAP-ENV:Body>`
		`</SOAP-ENV:Envelope>`
			1. Wrong SOAP version used (Invalid namespace for Soap Envelope element)
			Currently not implemented

2	500	`<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">`
		`  <SOAP-ENV:Header/>`
		`  <SOAP-ENV:Body>`
		`    <SOAP-ENV:Fault>`
		`      <faultcode>SOAP-ENV:MustUnderstand</faultcode>`
		`      <faultstring xml:lang="en">One or more mandatory SOAP header blocks not understood</faultstring>`
		`    </SOAP-ENV:Fault>`
			2. An immediate child element of the SOAP Header element that was either not understood or not obeyed by the processing party contained a SOAP mustUnderstand attribute with a value of "1"
			Currently not implemented

		</SOAP-ENV:Body> </SOAP-ENV:Envelope>	

3	500	<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
		  <SOAP-ENV:Header/>
		  <SOAP-ENV:Body>
		    <SOAP-ENV:Fault>
		     <faultcode>SOAP-ENV:Client</faultcode>
		     <faultstring>Unauthorized Access</faultstring>
		     <detail xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2">
		      <ec:Fault xmlns:ec="urn:oasis:names:specification:ubl:schema:xsd:Fault-1">
		       <cbc:ResponseCode>**error.unauthorized**</cbc:ResponseCode>
		      </ec:Fault>
		     </detail>
		    </SOAP-ENV:Fault>
		  </SOAP-ENV:Body>
		</SOAP-ENV:Envelope>
			3. No SOAP Header element present in request (or multiple Header elements are present)
			
			4. Sender not present in Business Header
			
			5. Receiver not present in Business Header
			
			31. No party agreement between Issuer and Sender parties
			
			6. Unknown sender or receiver (combination schemeID attribute + value)
			
			32. No interchange agreement between sender and receiver parties
			
			7. Interchange Agreement Start date in the future
			
			8. HTTP username is not allowed to represent sender/receiver combination from the header
			
			9. Issue with signature

4	500	<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
		  <SOAP-ENV:Header/>
		  <SOAP-ENV:Body>
		    <SOAP-ENV:Fault>
		     <faultcode>SOAP-ENV:Server</faultcode>
		     <faultstring>Server Error</faultstring>
		    </SOAP-ENV:Fault>
		  </SOAP-ENV:Body>
		</SOAP-ENV:Envelope>
			10. Server error

| 5 | 500 | `<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">`
  `<SOAP-ENV:Header/>`
  `<SOAP-ENV:Body>`
    `<SOAP-ENV:Fault>`
     `<faultcode>SOAP-ENV:Client</faultcode>`
     `<faultstring>Undefined incoming message</faultstring>`
     `<detail xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2">`
      `<ec:Fault xmlns:ec="urn:oasis:names:specification:ubl:schema:xsd:Fault-1">`
       `<cbc:ResponseCode>`**message.undefined**`</cbc:ResponseCode>`
      `</ec:Fault>`
     `</detail>`
    `</SOAP-ENV:Fault>`
  `</SOAP-ENV:Body>`
`</SOAP-ENV:Envelope>` | 11. Unknown operation as direct child of SOAP Body element

12. Not exactly 1 operations as direct child of SOAP Body element

13. Unknown document as direct child of operation element

14. Not exactly 1 document as direct child of operation element

29. Unknown transaction namespace in SubmitDocumentRequest |
| 6 | 500 | `<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">`
  `<SOAP-ENV:Header/>`
  `<SOAP-ENV:Body>`
    `<SOAP-ENV:Fault>`
     `<faultcode>SOAP-ENV:Client</faultcode>`
     `<faultstring>Hard business rule violated</faultstring>`
     `<detail xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2">`
      `<ec:Fault xmlns:ec="`*SERVICE WSDL NAMESPACE*`">`
       `<cbc:ResponseCode>`***CODE***`</cbc:ResponseCode>`
      `</ec:Fault>`
     `</detail>`
    `</SOAP-ENV:Fault>` | 15. Duplicate message ID for synchronous and asynchronous operation (**error.duplicate**)

16. Hard business rule violation for synchronous and asynchronous operation (message ID related) (**error.id**)

17. Message ID element not present in request (**error.id**)

18. XSD violation for synchronous operation (**error.xsd**)

19. Hard business rule violation for synchronous operation (**error.hardrule**)

30. Invalid Issue Date for synchronous and asynchronous operation (**error. hardrule**) |

		`</SOAP-ENV:Body>` `</SOAP-ENV:Envelope>`	20. No binary data for Wrapper (**error.binary**)
			21. Zero sized binary data for Wrapper (**error.binary**)
			22. No binary data for AttachedDocument (**error.binary**)
			23. Zero sized binary data for AttachedDocument (**error.binary**)
			24. Document Wrapper cannot be deleted because it does not exist (**error.notexisting**)
			25. Document Wrapper cannot be deleted because it is linked to a Bundle (**error.linked**)

7	500	`<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">`
		`<SOAP-ENV:Header/>`
		`<SOAP-ENV:Body>`
		`<SOAP-ENV:Fault>`
		`<faultcode>SOAP-ENV:Client</faultcode>`
		`<faultstring>SLA rule violated</faultstring>`
		`<detail xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2">`
		`<ec:Fault xmlns:ec="`*SERVICE WSDL NAMESPACE*`">`
		`<cbc:ResponseCode>`**CODE**`</cbc:ResponseCode>`
		`</ec:Fault>`
		`</detail>`
		`</SOAP-ENV:Fault>`
		`</SOAP-ENV:Body>`
		`</SOAP-ENV:Envelope>`
			26. Binary part too large for Wrapper with chunking (under max post size) (**sla.binary_size**)

			27. XML part too large (**sla.xml_size**) <u>Updated 26/04/2019:</u> deprecated. The response is an HTTP error: "413 Request Entity Too Large"
			28. Volume exceeded (e.g. exceeded limit for this month across all Wrappers/Bundles) (**sla.volume**)

HTTP Only error codes

ID	HTTP Status Code	HTTP Error Message	Occurrences
8	400	Bad Request	1. No XML message sent or XML not well formed 2. No SOAP Envelope element present as root element of request 3. No SOAP Body element present in request 4. SOAP Header element is not the first immediate child element of a SOAP Envelope element 5. Multiple SOAP Body elements present in request
2	401	Unauthorized	6. HTTP username not existing 7. Wrong HTTP password for existing username
3	413	Request Entity Too Large	8. XML message too large without chunking 9. XML message too large with chunking 10. Binary part too large for Wrapper without chunking 11. Binary part too large for Wrapper with chunking (over max post size)

				12. Binary part too large for AttachedDocument without chunking
				13. Binary part too large for AttachedDocument with chunking (over max post size)
4	503	Service Unavailable		14. System is unavailable